

CHAPTER SIX

LED lighting and accessories

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GENERAL SALES CONDITIONS

INTRODUCTION

All the hereunder conditions are intended and accepted for each order you send to us.

Prices do not include VAT and extra fees eventually needed. Any change in prices will be agreed before the delivery.

1. ORDERS

All orders are accepted and executed on the basis of the following conditions, which will govern future deliveries, even when not reproduced.

All orders should be sent to us by fax or e-mail. Except in case of different agreements, we will debt a fixed contribution of € 15,00.

= (as partial reimbursement for bank and customs fees).

2. DELIVERIES

Goods are delivered at the buyer's risk.

Quoted times for delivery are not binding. Buyers cannot refuse the goods or ask for a reimbursement in case of delayed delivery.

3. COMPLAINTS AND RETURN OF GOODS

The client must check the condition of the goods upon its arrival and, in case of damage, to take the proper actions.

Shortcomings in quantity and quality may be claimed in written form, within 8 days from the receipt of the goods.

If the claim is prompt and justified, Buyers have exclusively entitlement to replacement of the products.

Abatements as well as making good of direct or indirect loss shall not be possible.

4. PAYMENTS

If the customer defaults on the payment of an invoice or an installment, any and all other outstanding invoice amounts or installments shall immediately become due and payable. Consumers shall pay interest on the money debt during the time of default of € 25,00 plus a 7 points above the base rate. As far as Business Enterprises are concerned, we reserve the right to prove and claim a higher damage caused by the delay in payment.

In these cases, we will be unable to accept and execute any further orders until the settlement has been received.

5. TECHNICAL DATA

We reserve ourselves the right to modify the technical data stated, at any time and without notice.

On request, we will give assistance to the customers for the best use of the products, on the basis of available experience.

6. CONTROVERSIES

In case of lawsuits the competent court will be the one in Treviso.

7. PRIVACY

Our privacy policy updated in accordance with articles 13-14 of EU Regulations 2016/679 is available on our website www.cmngroup.eu, section "Conditions and Privacy".



MODULES AND STRIP LED INFO

ECOLED advantages

Wide range of products.
 Super bright diodes.
 5-12-24 Vdc working voltage.
 Energy saving.
 Minimum technical assistance required.
 Long lifespan: 50.000 h each colour at room temperature 20 °C.
 Quick and easy installation with screws, glue and double sided adhesive.
 Indoor and outdoor power supply.
 No electrical hazard.

ECOLED warning

It is necessary to test the operation of strips, bars and modules before mounting.
 Diodes are very sensitive to temperatures over 40 °C and voltage must be constant.
 We recommend you to carefully check the maximum temperature and voltage.
 LED turn electrical energy into light energy and heat, for this reason LED have to be installed on surfaces capable of dissipating veru quickly the heat generated.
 It is strongly recommended to use an additional ventilation system.
 Modules should not be directly exposed to atmospheric agents because UV rays could damage the modules and strips.
 They can't withstand a continuous cycle of more than 10/12 hours daily.
 Pay attention to glues, solvents and electrostatics discharges as they may deteriorate irreparably LED.
 Due to continuous evolution and technical improvement products may change.

ECOLED required power supply

Number of modules x the module output in W x 1,2.
 A chain of modules cannot exceed the standard length of serial connection.
 It is possible to link as many chains as possible. The only limit is the capacity of power supply.
 We suggest contacting one of our technical department if you want to use a power supply with an output exceeding 150 W.

Our services

Our technicians are available for design, bespoke products, wiring and certifications of your finished products.

Wires Lenght

The table shows the maximum length (in meters) between power supply with 12V output and modules, in order to have a voltage drop within 4% or 0,5 V.
 At 24 V, the lengths shown below double.

How to choose the right cable (example)

Power (W)	Current (A)	Raw Section (mm)	Max Length Cable (m)
12	1	0,75	10
25	2,1	1	7
60	5	1,5	3
100	8,33	2,5	3,5



Single LED String



Multiple LED Strings



Standard length of serial connection: 100



SIGNRAYZ ULTRA 430

Recommended depth 30 - 50 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of little and medium size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

LED module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilise luminous flux.

Mounting with M3 screw or premounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1.000 h).

Room temperature - 40 + 60 °C.

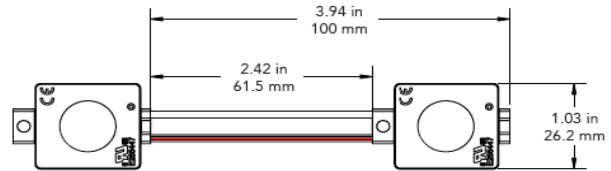
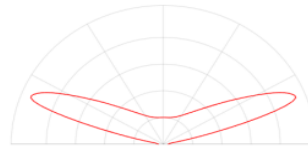
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C. All temperature datas are calculated at room temperature = 25 °C.

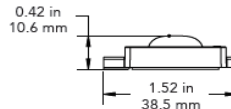
Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



NOTES: WIRE IS 18 AWG / 0.82 mm²
RED STRIPE (+), WHITE (-)



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP43065	Daylight	6.500 K	34	0,30	113	10	10	€ 1,58	€ 158,00
LOZP43040	Neutral White	4.000 K	32	0,30	107	10	10	€ 1,58	€ 158,00
LOZP43030	Warm White	3.000 K	30	0,30	100	10	10	€ 1,58	€ 158,00

Upon request, available other colour temperatures (2700K - 5000K - 5700K - 7500K)
Upon request, available 150 mm module spacing

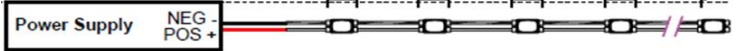
ULTRA 430: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
30	50	50	400	13.600	120,00
40	90	90	123	4.182	36,90
50	100	115	87	2.958	26,10





Single LED String



Multiple LED Strings



Standard length of serial connection: 100



SIGNRAYZ ULTRA 450

Recommended depth 50 - 75 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of little and medium size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

LED module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilise luminous flux.

Mounting with M3 screw or pre-mounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

Room temperature - 40 + 60 °C.

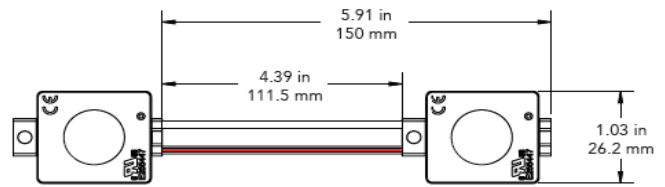
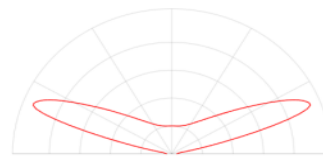
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C. All temperature datas are calculated at room temperature = 25 °C.

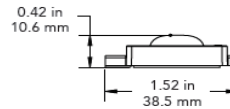
Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



NOTES: WIRE IS 18 AWG / 0.82 mm²
RED STRIPE (+), WHITE (-)



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP45065	Daylight	6.500 K	50	0,48	104	6/7	15	€ 1,62	€ 162,00
LOZP45040	Neutral White	4.000 K	47	0,48	98	6/7	15	€ 1,62	€ 162,00
LOZP45030	Warm White	3.000 K	44	0,48	92	6/7	15	€ 1,62	€ 162,00

Upon request, available other colour temperatures (2700K - 5000K - 5700K - 7500K)

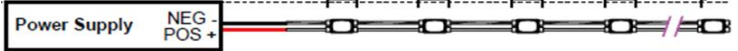
ULTRA 450: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
50	110	115	79	3.950	37,92
75	110	200	45	2.250	21,60

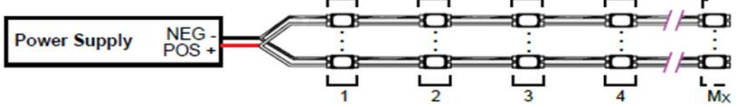




Single LED String



Multiple LED Strings



Standard length of serial connection: 100



SIGNRAYZ ULTRA 470

Recommended depth 75 - 100 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of little and medium size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

LED module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilise luminous flux.

Mounting with M3 screw or pre-mounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

Room temperature - 40 + 60 °C.

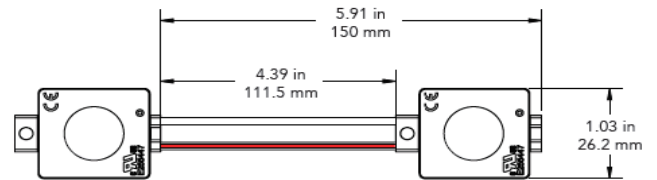
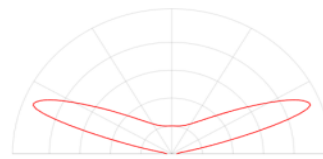
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C. All temperature datas are calculated at room temperature = 25 °C.

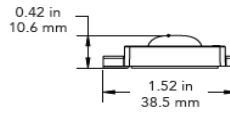
Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



NOTES: WIRE IS 18 AWG / 0.82 mm²
RED STRIPE (+), WHITE (-)



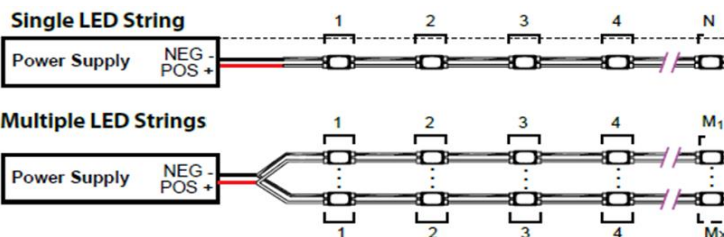
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP47065	Daylight	6.500 K	70	0,66	106	6/7	15	€ 1,60	€ 160,00
LOZP47040	Neutral White	4.000 K	67	0,66	102	6/7	15	€ 1,60	€ 160,00
LOZP47030	Warm White	3.000 K	63	0,66	95	6/7	15	€ 1,60	€ 160,00

Upon request, available other colour temperatures (2700K - 5000K - 5700K - 7500K)

ULTRA 470: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
75	110	200	45	3.150	29,70
100	150	290	23	1.610	15,18





Standard length of serial connection: 70



SIGNRAYZ ULTRA 650

Recommended depth 75 - 175 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of medium and big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

LED module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilise luminous flux.

Mounting with M3 screw or pre-mounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h)

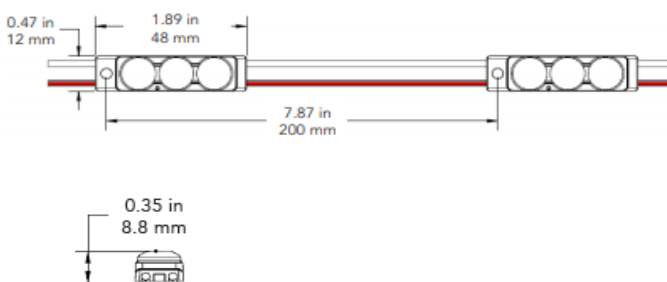
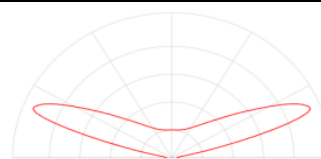
Room temperature - 40 + 60 °C.

Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C. All temperature datas are calculated at room temperature = 25 °C.

Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet. We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP65065	Daylight	6.500 K	100	0,78	128	5	20	€ 1,82	€ 182,00
LOZP65040	Neutral White	4.000 K	92	0,78	118	5	20	€ 1,82	€ 182,00
LOZP65030	Warm White	3.000 K	85	0,78	109	5	20	€ 1,82	€ 182,00
Upon request, available other colour temperatures (2700K - 4500K - 5000K - 5700K - 7100K)									
LOZP650R	Red	625 nm	25	0,78	32	5	20	€ 1,82	€ 182,00
LOZP650B	Blue	467 nm	15	0,78	19	5	20	€ 1,82	€ 182,00
LOZP650G	Green	525 nm	55	0,78	71	5	20	€ 1,82	€ 182,00
LOZP650O	Orange	606 nm	20	0,78	26	5	20	€ 1,82	€ 182,00

ULTRA 650: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
75	165	165	37	3.700	28,86
100	200	225	22	2.200	17,16
125	200	330	15	1.500	11,70
150	200	405	12	1.200	9,36
175	200	380	13	1.300	10,14



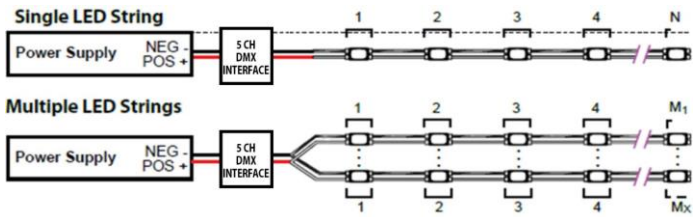


AGILIGHT
Innovative Signage Lighting

BACKLIGHTING LED MODULES



UL LISTED **CE** **RoHS** **IP66**



Standard length of serial connection: 44



SIGNRAYZ 650 RGBW

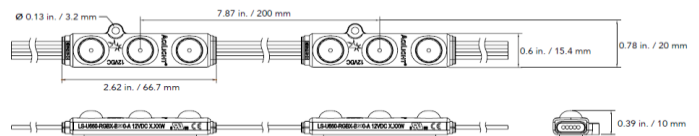
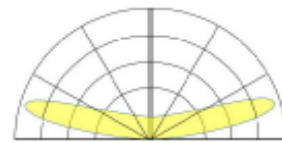
Recommended depth 75 - 175 mm

ULTRA 650 RGBW modules are premium color changing signage modules engineered for constant current so there is no lumen drop across the full length of any string. The ULTRA 650 RGBW module features four chips in each LED – red, green, blue and white for added brightness. Use DMX controls to tune ULTRA 650 RGBW modules to any color.

Applications:

- Channel letters
- Box signs
- Cove lighting
- Applications starting at depths of 3 in. (75 mm)

For warranty and lifetime, please ask to us the Agilight technical data sheet. We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.

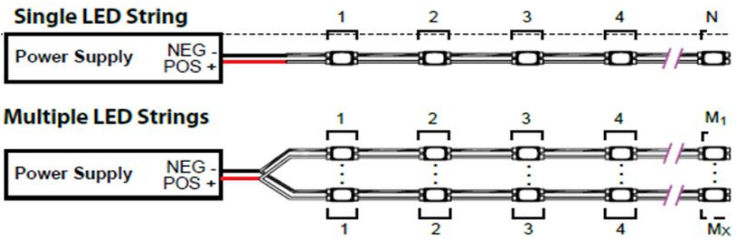


Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Wavelength - Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP650RGBW	RGBW	-	62,6	1,2	52	5	20	€ 2,56	€ 256,25
	Red	612-628 nm	7,6	0,3	25				
	Green	512-528 nm	18,5	0,3	62				
	Blue	457-473 nm	6,0	0,3	20				
	White	6500 K	30,5	0,3	102				

ULTRA 650: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2 (RGBW)	W/m2 (RGBW)
75	100	100	100	6.260	120,00
100	175	150	39	2.441	46,80
125	200	250	20	1.252	24,00
150	200	300	17	1.064	20,40





Standard length of serial connection: 50



SIGNRAYZ ULTRA 670

Recommended depth 100 - 200 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of medium and big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

LED module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilise luminous flux.

Mounting with M3 screw or premounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

Room temperature - 40 + 60 °C.

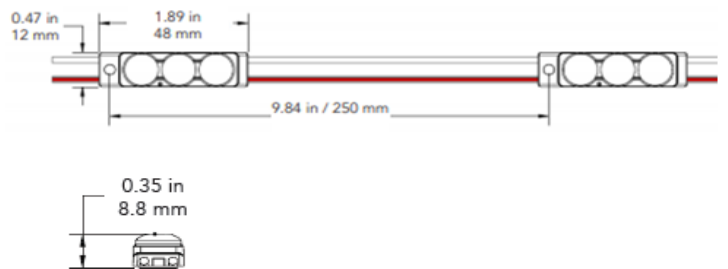
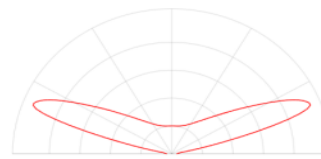
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C. All temperature datas are calculated at room temperature = 25 °C.

Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP67065	Daylight	6.500 K	150	1,24	121	4	25	€ 1,86	€ 186,00
LOZP67040	Neutral White	4.000 K	138	1,24	111	4	25	€ 1,86	€ 186,00
LOZP67030	Warm White	3.000 K	127	1,24	102	4	25	€ 1,86	€ 186,00

Upon request, available other colour temperatures (2700K - 4500K - 5000K - 5700K - 7100K)

Upon request, available 200 mm module spacing

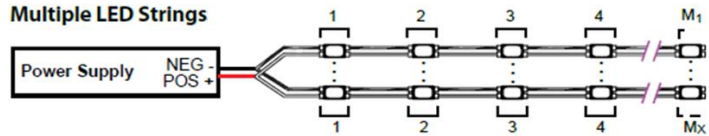
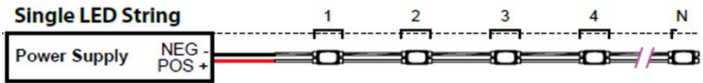
ULTRA 670: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
100	225	225	20	3.000	24,80
125	250	330	12	1.800	14,88
150	250	405	10	1.500	12,40
175	250	455	9	1.350	11,16
200	250	430	10	1.350	12,40





CE cRU US UL LISTED **IP66**



Standard length of serial connection: 25

12V

LYTERAYZ LRZ3

PRICE REDUCED - phase ou

Recommended depth 75 - 150 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.

Optimised for use in light boxes and sail installation backlighting.

Signs of medium and big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 3).

IP68 protection.

Mounting with M3 screw or premounted double-sided adhesive tape.

Nominal life-time up to 50.000 h

(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

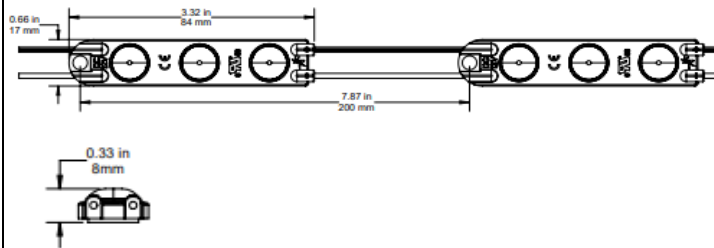
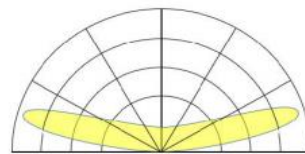
Room temperature - 25 + 55 °C.

Storage temperature - 40 + 85 °C.

Polarity: white/red = positive - white = negative.

For warranty and lifetime, please ask to us the Agilight technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPLRZ365	Daylight	6.500 K	140	0,96	146	5	12	€ 0,96	€ 57,50
Upon request, available other colour temperatures (5000K -7500K)									

LYTERAYZ LRZ3: Opal 3 mm - 31% of transmission						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
75	100	100	100	14.000	96,00	
100	150	175	38	5.320	36,48	
125	200	250	20	2.800	19,20	
150	200	300	17	2.380	16,32	
175	200	300	17	2.380	16,32	

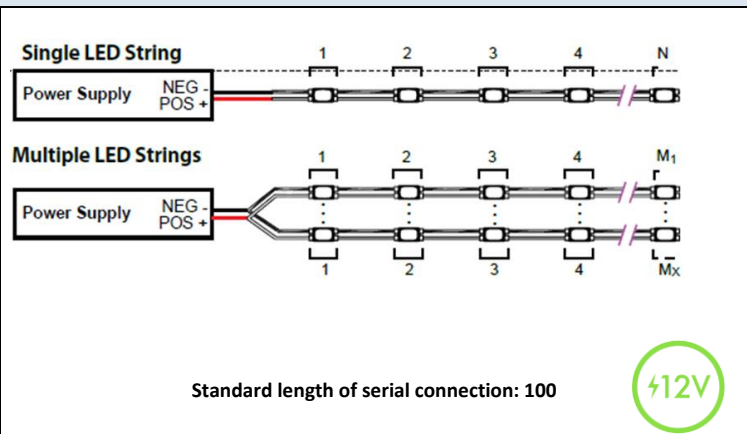


AGILIGHT

Innovative Signage Lighting

BACKLIGHTING LED MODULES

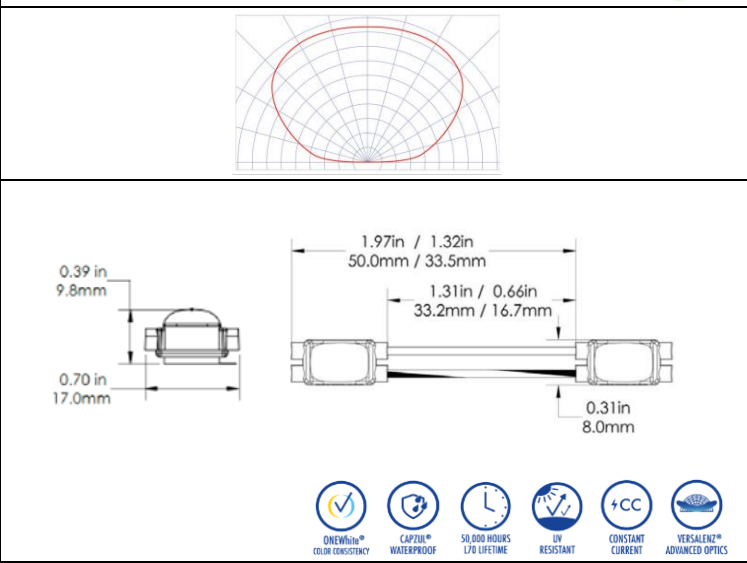
5Yr




SIGNRAYZ ULTRA MINI
Recommended depth 25 - 50 mm

LED chain for highlighting lines and edges and for backlighting complex contours, letters, symbols and light boxes in signage applications.
Optimised for use in light boxes and sail installation backlighting.
Signs of little size and bloc PMMA.
Flexible chain, can be split between any module.
High colour consistency (MacAdam 3).
LED module with plastic casing and strain relief with IP68 protection.
Integrated current source to stabilise luminous flux.
Premounted double-sided adhesive tape.
Nominal life-time up to 50.000 h
(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).
Room temperature - 40 + 60 °C.
Max surface temperature per module 65 °C.
Storage temperature - 40 + 85 °C.
All temperature datas are calculated at room temperature = 25 °C.
Polarity: white = positive - white/black = negative.

**For warranty and lifetime, please ask to us the Agilight technical data sheet.
We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.**

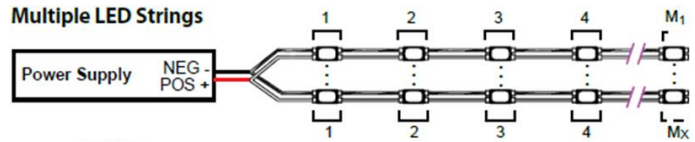
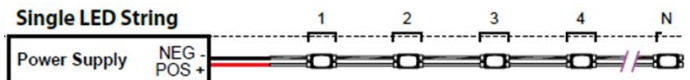


Code	Description						€/module	€/Chain 150 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 150 mod. m		
LOZPMINI6505	Daylight	6500 k	21	0,25	84	5	€ 1,34	€ 201,00
LOZPMINI4105	Neutral white	4.000 k	21	0,25	84	5	€ 1,34	€ 201,00
LOZPMINI3005	Warm white	3000k	21	0,25	84	5	€ 1,34	€ 201,00
Upon request, available other colour temperatures (2700K - 3000K - 4100K - 4500K - 5000K - 5700K)								
LOZPMINIR	Red	625 nm	4,40	0,13	34	5	€ 1,34	€ 201,00
LOZPMINIB	Blue	467 nm	2,60	0,13	20	5	€ 1,34	€ 201,00
LOZPMINIG	Green	526 nm	11,60	0,13	89	5	€ 1,34	€ 201,00

ULTRA MINI: Opal 3 mm - 31% of transmission						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
25	30	20	1665	34.965	416,25	
40	50	40	500	10.500	125,00	
50	50	63	317	6.657	79,25	



IP67



Maximum number of modules per string : 70

ULTRA LYTE 1

Recommended depth 50 to 100 mm

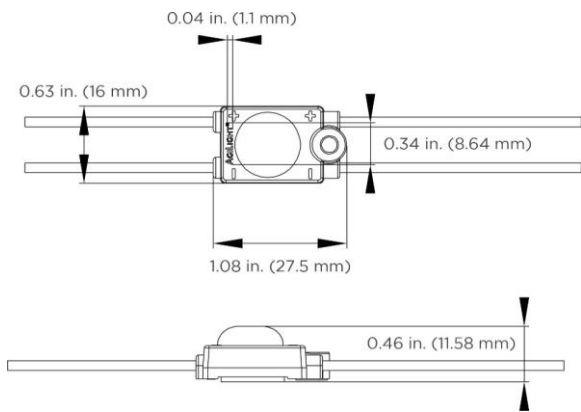
Ideal for box letters and low-profile lightboxes, ULTRA Lyte 1 features a powerful single 12V LED module with True IC stabilised current that maintains a brilliant light on every string. With an IP67 degree of protection and a seven-year warranty, ULTRA Lyte 1 allows for quick installation thanks to its convenient continuous release liner adhesive. Module spacing of 125 mm. ULTRA Lyte 1 generates up to 170 lm/W with 6500K light.

Translated with DeepL.com (free version)

Applications

- Channel letters
- Box and cabinet signs
- Accent and cove lighting

For warranty and lifetime, please ask to us the technical data sheet.
We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



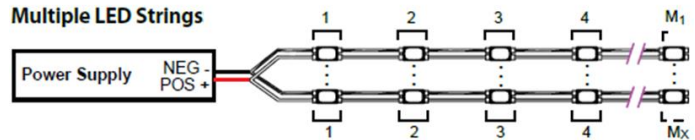
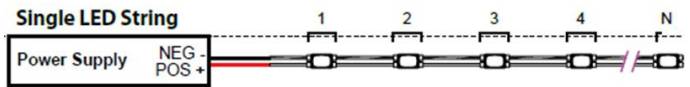
Code	Description						€/module	€/Chain 40 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 40 mod. m		
LOZPUL165LC	Daylight	6500 k	61	0,36	170	8,8	€ 0,76	€ 53,10

Upon request, available other colour temperatures (7100K and 5000K)

ULTRA LYTE 1: PMMA Opal 3 mm						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
50	125	200	40	2.440	14,40	
75	125	300	24	1.464	8,64	
100	125	350	23	1.403	8,28	



IP67



Maximum number of modules per string : 45

ULTRA LYTE 2

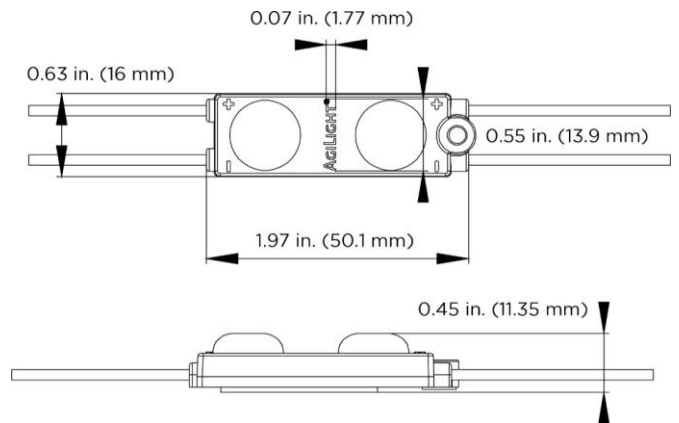
Recommended depth 50 to 125 mm

Ideal for box letters and medium-thickness lightboxes, ULTRA Lyte 2 is a powerful 12V double LED module with True IC stabilised current that maintains a brilliant light on every string. With an IP67 degree of protection and a seven-year warranty, ULTRA Lyte 2 allows for quick installation thanks to its convenient continuous release liner adhesive. Module spacing of 180 mm. ULTRA Lyte 2 generates up to 170 lm/W with 6500K light.

Applications

- Channel letters
- Box and cabinet signs
- Accent and cove lighting

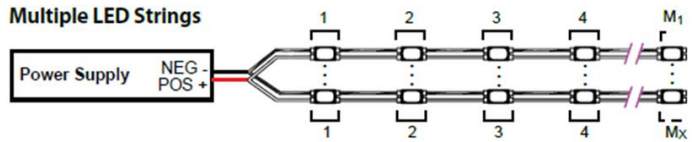
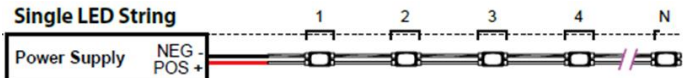
For warranty and lifetime, please ask to us the technical data sheet. We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 30 mod. m		
LOZPUL265LC	Daylight	6500 k	122	0,72	170	16,2	€ 1,03	€ 92,25

Upon request, available other colour temperatures (7100K and 5000K)

ULTRA LYTE 2: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
50	180	200	28	3.416	20,16
75	180	250	22	2.684	15,84
100	180	300	18	2.196	12,96
125	180	400	14	1.708	10,08



Maximum number of modules per string : 25

ULTRA LYTE 3

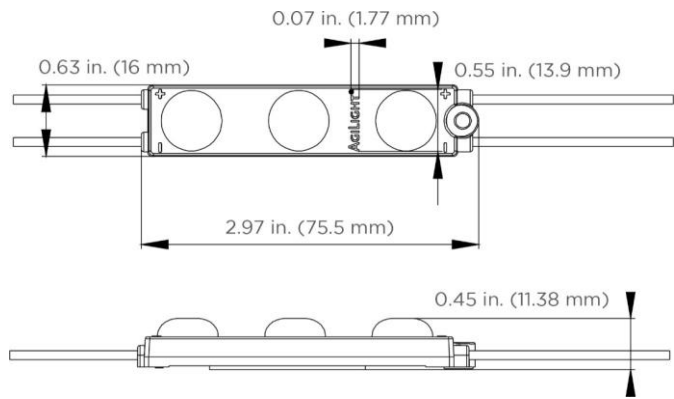
Recommended depth 100 to 200 mm

Ideal for thick box letters and lightboxes, ULTRA Lyte 3 is a powerful 12V triple LED module with True IC stabilised current that maintains a brilliant light on every string. With an IP67 degree of protection and a seven-year warranty, ULTRA Lyte 3 allows for quick installation thanks to its convenient continuous release liner adhesive. Module spacing of 250 mm. ULTRA Lyte 3 generates up to 170 lm/W with 6500K light.

Applications

- Channel letters
- Box and cabinet signs
- Accent and cove lighting

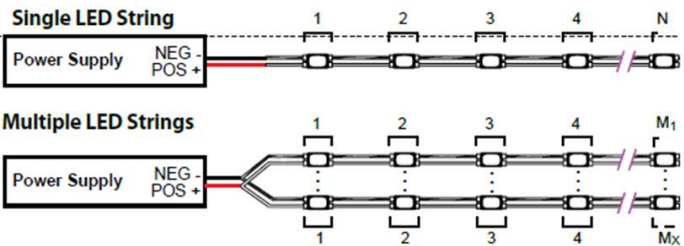
For warranty and lifetime, please ask to us the technical data sheet. We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 20 mod. m		
LOZPUL365LC	Daylight	6500 k	184	1,08	170	25,0	€ 1,30	€ 130,00

Upon request, available other colour temperatures (7100K and 5000K)

ULTRA LYTE 3: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
100	250	450	9	1.656	9,72
125	250	600	7	1.288	7,56
150	250	650	6	1.104	6,48
175	250	650	6	1104	6,48
200	250	700	6	1.104	6,48



Maximum number of modules per string : 100

PRO LYTE 2

Recommended depth 50 to 125 mm

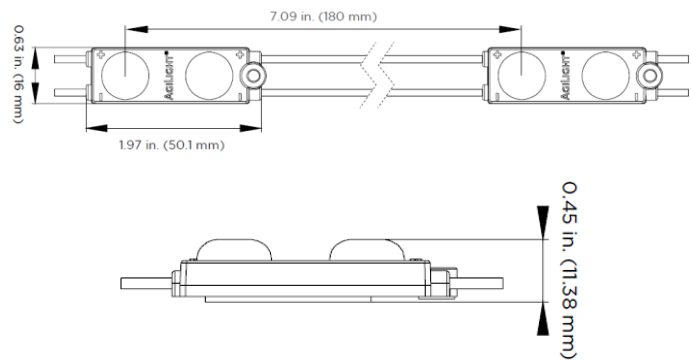
Ideal for box letters and medium-thickness lightboxes, ULTRA Lyte 2 is a powerful 12V double LED module with True IC stabilised current that maintains a brilliant light on every string. With an IP67 degree of protection and a seven-year warranty, ULTRA Lyte 2 allows for quick installation thanks to its convenient continuous release liner adhesive. Module spacing of 180 mm. ULTRA Lyte 2 generates up to 170 lm/W with 6500K light.

Applications

- Channel letters
- Box and cabinet signs
- Accent and cove lighting

For warranty and lifetime, please ask to us the technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 100 mod. m		
LOZPPL265	Daylight	6500 k	122	0,72	170	18,0	€ 1,00	€ 100,00
LOZPPL230	Warm White	3000 k	119	0,72	165	18,0	€ 1,00	€ 100,00
LOZPPL240	Neutral White	4000 k	122	0,72	170	18,0	€ 1,00	€ 100,00

Upon request, available other colour temperatures (7100K and 5000K)

PRO LYTE 2: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
50	180	200	28	3.416	20,16
75	180	250	22	2.684	15,84
100	180	300	18	2.196	12,96
125	180	400	14	1708	10,08





IP67

Single LED String



Multiple LED Strings



Maximum number of modules per string : 70

PRO LYTE 4

Recommended depth 100 to 200 mm

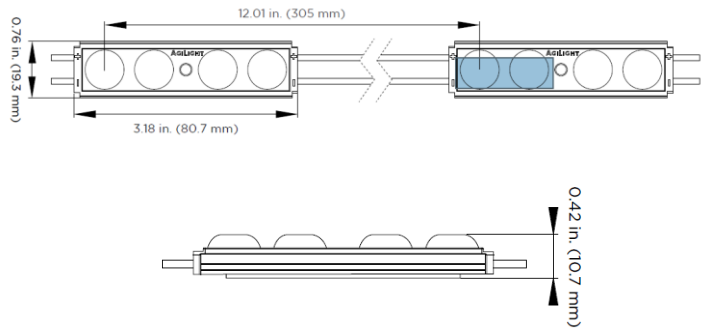
Ideal for thick box letters and lightboxes, PRO Lyte 4 is a powerful 24V quadruple LED module with True IC stabilised current that maintains a brilliant light on every string. With an IP67 degree of protection and a seven-year warranty, PRO Lyte 4 allows for quick installation thanks to its convenient continuous release liner adhesive. Module spacing of 305 mm. PRO Lyte 4 generates up to 170 lm/W with 6500K light.

Applications

- Channel letters
- Box and cabinet signs
- Accent and cove lighting

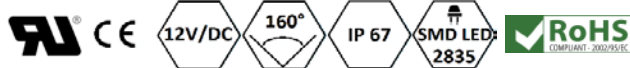
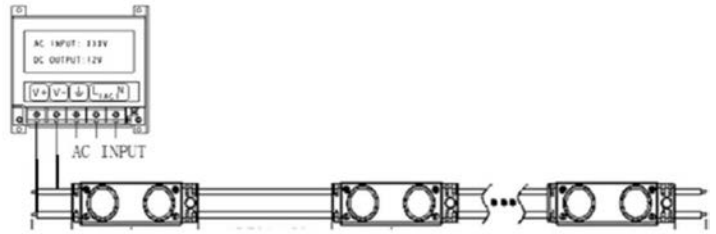
For warranty and lifetime, please ask to us the technical data sheet.

We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						€/module	€/Chain 70 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 100 mod. m		
LOZPPL465	Daylight	6500 k	245	1,44	170	21,35	€ 1,78	€ 124,60
Upon request, available other colour temperatures (7100K and 5000K)								

ULTRA LYTE 3: PMMA Opal 3 mm						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
75	305	250	13	3.185	18,72	
100	305	300	11	2.695	15,84	
125	305	350	9	2.205	12,96	
150	305	450	8	1.960	11,52	
200	305	550	7	1.715	10,08	



Standard length of serial connection: 50


ECOLED SMD HT ALU 2

Recommended depth 80 - 150 mm

 Ideal for backlighting channel letters and small or medium sized light boxes.
 IP67 protection, water and powder resistance.

Current control.

50 modules chain, can be cut on wire between every module.

Chain length: 7,5 m.

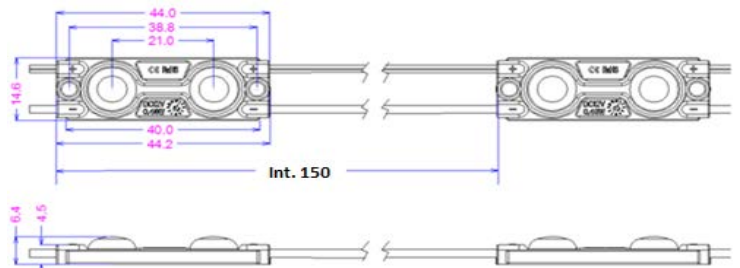
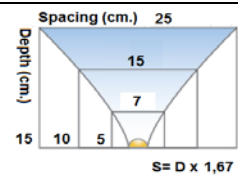
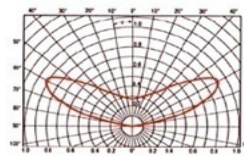
Spacing between modules: 10,5 cm.

Working temperature - 25 + 60 °C.

Nominal life time up to 50.000 hours at 20 °C.

Polarity: white/red = positive - white = negative.

5 Years Warranty.



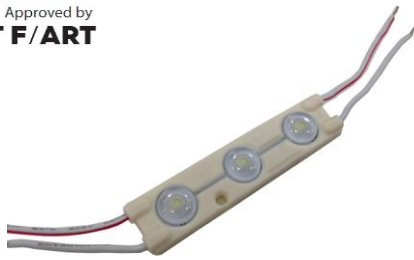
Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW2ALU	Daylight	6.000-7.000 K	45	0,48	94	7	7,40	€ 0,42	€ 21,00
LOEFNNW2ALU	Neutral White	3.700-4.500 K	45	0,48	94	7	7,40	€ 0,42	€ 21,00
LOEFNWW2ALU	Warm White	2.700-3.500 K	45	0,48	94	7	7,40	€ 0,42	€ 21,00
LOEFNR2ALU	Red	620-630 nm	12	0,48	25	7	7,40	€ 0,70	€ 35,00
LOEFNB2ALU	Blue	460-470 nm	7	0,48	15	7	7,40	€ 0,70	€ 35,00
LOEFNG2ALU	Green	520-530 nm	24	0,48	50	7	7,40	€ 0,70	€ 35,00
LOEFNY2ALU	Yellow	588-594 nm	10	0,48	21	7	7,40	€ 0,70	€ 35,00

ECOLED SMD HT ALU 2: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	100	120	83	3.735	39,84
100	120	150	55	2.475	26,40
120	150	180	37	1.665	17,76
150	150	200	33	1.575	15,84



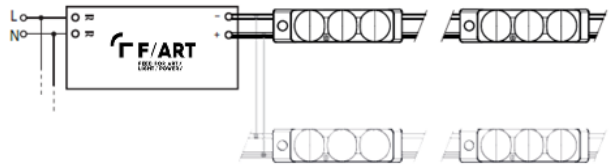
Approved by
F/ART



ENERGY
ECOLED
LOEFNW3ALU/40

1
kWh/1000h

2019/2015



Standard length of serial connection: 40

ECOLED SMD HT ALU 3

Recommended depth 80 - 150 mm

Ideal for backlighting channel letters and big or medium sized light boxes.

Minimum distance from PMMA front 80 mm.

Current control.

IP67 protection, water and powder resistance.

40 modules chain, can be cut on wire between every module.

Chain length: 7,2 m.

Spacing between modules: 11 cm.

Working temperature - 25 + 60 °C.

Nominal life time up to 50.000 hours at 20 °C.

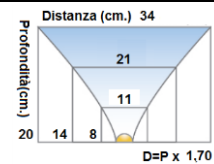
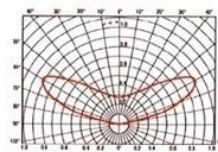
Polarity: white/red = positive - white = negative.

5 Years Warranty.

ENERGY
ECOLED
LOEFNW3ALU/40

1
kWh/1000h

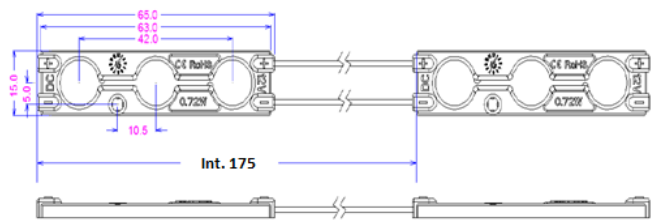
2019/2015



ENERGY
ECOLED
LOEFNW3ALU/40

1
kWh/1000h

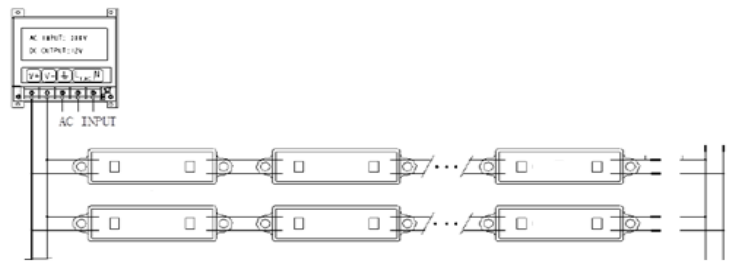
2019/2015



Code	Description						Chain 40 mod. m	€/module	€/Chain 40 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW3ALU/40	Daylight	6.000-7.000 K	66	0,72	92	5/6	7,20	€ 0,54	€ 21,60
LOEFNW3ALU/40	Natural White	3.700-4.500 K	66	0,72	92	5/6	7,20	€ 0,54	€ 21,60
LOEFNW3ALU/40	Warm White	2.700-3.300 K	66	0,72	92	5/6	7,20	€ 0,54	€ 21,60
LOEFNR3ALU/40	Red	620-630 nm	18	0,72	25	5/6	7,20	€ 0,76	€ 30,40
LOEFNB3ALU/40	Blue	460-470 nm	11	0,72	15	5/6	7,20	€ 0,76	€ 30,40
LOEFNG3ALU/40	Green	520-530 nm	36	0,72	50	5/6	7,20	€ 0,76	€ 30,40

ECOLED HT ALU 3: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
80	120	120	69	4.554	49,68
100	150	150	44	2.904	31,68
120	175	180	32	2.112	23,04
150	175	200	29	1.650	20,88





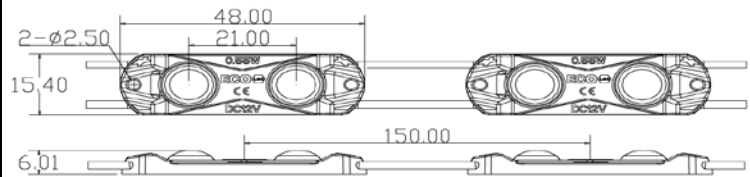
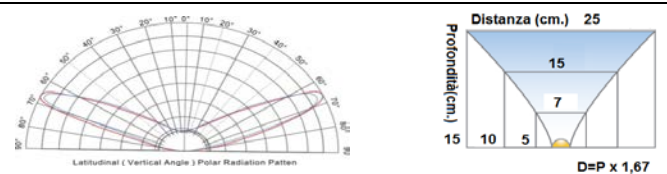
Standard length of serial connection: 50



ECOLED SMD HG ALU 2

Recommended depth 80 - 150 mm

Ideal for backlighting channel letters and light boxes of medium and small size.
High brightness, IP67 housing protection with very good dissipation.
Constant current driving to stabilize the luminous flux.
Energy saving, environment-friendly, long life-time.
Nominal life time up to 50.000 hours at 20 °C.
Easy to install with pre-mounted double-sided adhesive tape and fixing screw.
Working temperature - 25 + 60 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.



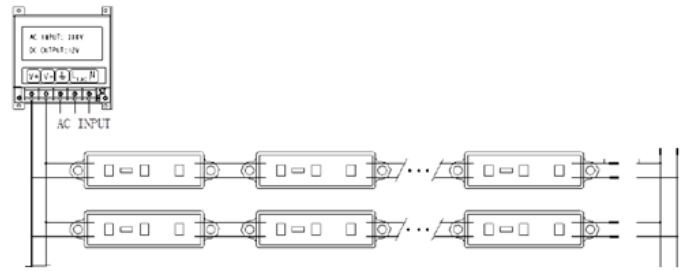
Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNHGW2ALU	Daylight	6.000-6.500 K	52	0,55	95	7	7,50	€ 0,64	€ 32,00

ECOLED SMD HG ALU 2: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	100	120	83	4.316	45,65
100	120	150	55	2.860	30,25
120	150	180	37	1.924	20,35
150	150	200	33	1.716	18,15



Approved by
F/ART



Standard length of serial connection: 50



ECOLED SMD HG ALU 3

Recommended depth 80 - 150 mm

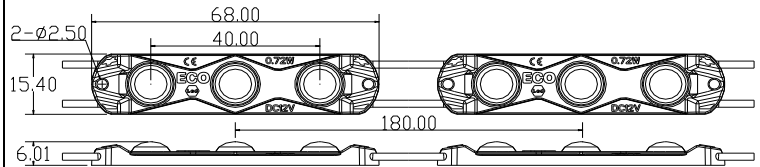
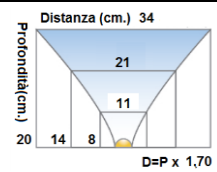
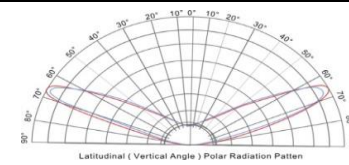
Ideal for backlighting channel letters and light boxes of big size.
High brightness, IP67 housing protection with very good dissipation.
Constant current driving to stabilize the luminous flux.
Energy saving, environment-friendly, long life-time.
Nominal life time up to 50.000 hours at 20 °C.
Easy to install with pre-mounted double-sided adhesive tape and fixing screw.
Working temperature - 25 + 60 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

ENERGY
ECOLED
LOEFNHGW3ALU

F

1 kWh / 1000h

2019/2015

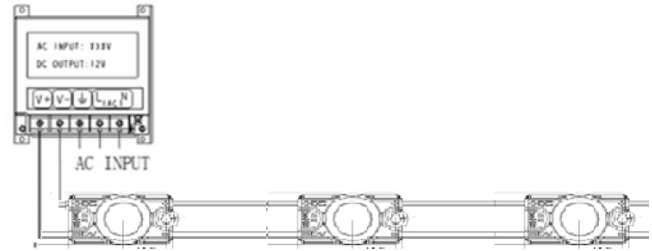
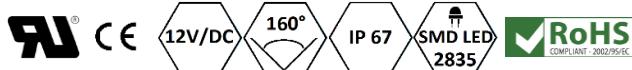


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNHGW3ALU	Daylight	6.000-6.500 K	70	0,72	97	5/6	9	€ 0,75	€ 37,50

ECOLED SMD HG ALU 3: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
80	120	120	69	4.830	49,68
100	150	150	44	3.080	31,68
120	180	180	30	2.100	21,60
150	180	200	28	1.960	20,16



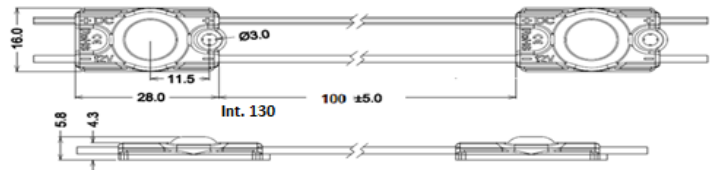
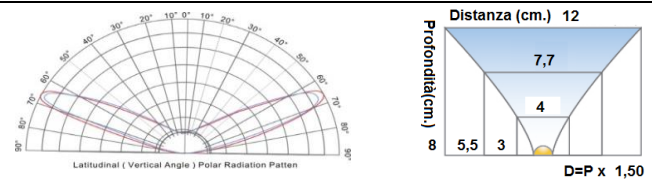


Standard length of serial connection: 50


ECOLED SMD HB ALU 1

Recommended depth 30 - 100 mm

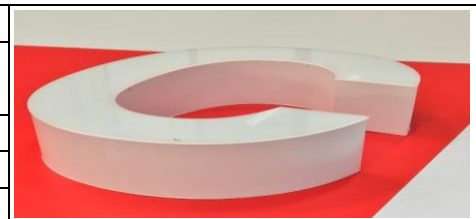
Ideal for backlighting channel letters and small sized light boxes.
 Current control.
 IP67 protection, water and powder resistance.
 50 modules chain, can be cut on wire between every module.
 Chain length: 6,5 m.
 Spacing between modules: 10,5 cm.
 Working temperature - 25 + 60 °C.
 Nominal life time up to 50.000 hours at 20 °C.
 Polarity: white/red = positive - white = negative.
 5 Years Warranty.



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNHBW1ALU	Daylight	6.000-7.000 K	45	0,48	94	7/8	6,50	€ 0,58	€ 29,00
LOEFNHBR1ALU	Red	620-630 nm	16	0,36	44	7/8	6,50	€ 0,58	€ 29,00

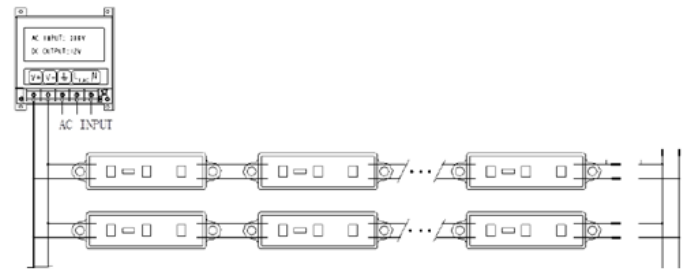
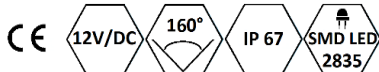
ECOLED SMD HB ALU 1: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
30	40	50	480	21.600	230,40
60	90	100	111	4.995	53,28
100	130	150	51	2.295	24,48





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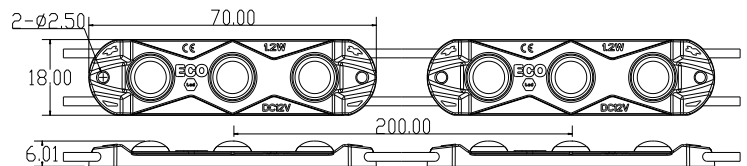
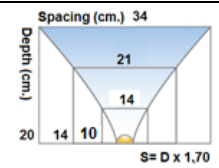
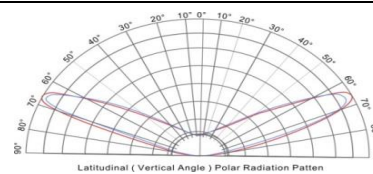
Standard length of serial connection: 50



ECOLED SMD HB ALU 3 LED

Recommended depth 100 - 200 mm

Ideal for backlighting channel letters and light boxes of big size.
High brightness, IP67 housing protection with very good dissipation.
Constant current driving to stabilize the luminous flux.
Energy saving, environment-friendly, long life-time.
Nominal life time up to 50.000 hours at 20 °C.
Easy to install with pre-mounted double-sided adhesive tape and fixing screw.
Working temperature - 25 + 60 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

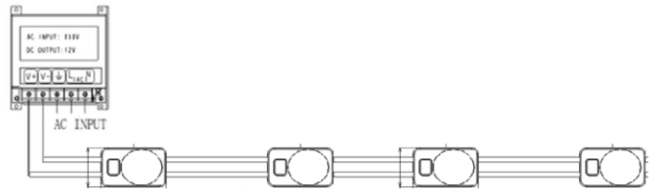


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNBW3ALU	Daylight	6.500-7.000 K	116	1,20	97	5/6	10	€ 0,61	€ 30,70

ECOLED SMD HB ALU 3: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
100	140	150	48	5.568	57,60
120	180	200	28	3.248	33,60
150	200	250	20	2.320	24,00
200	200	300	17	1.972	20,40



Approved by
F/ART



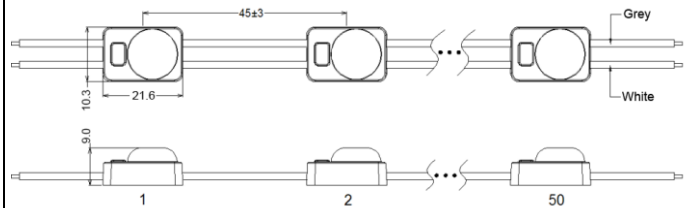
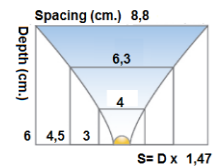
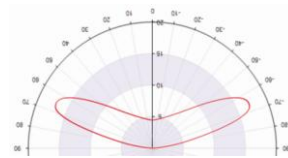
Standard length of serial connection: 50



ECOLED SMD SMALL LENS


Recommended depth 30 - 80 mm

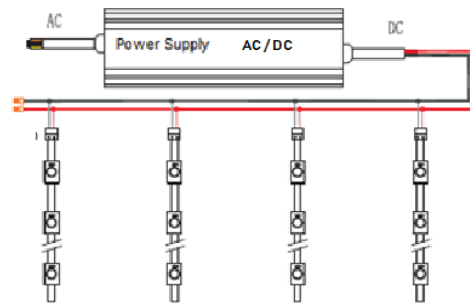
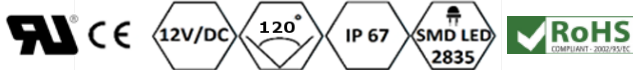
Ideal for backlighting boxed letters and small light boxes:
36 lumen per module
150 ° lens
IP67 dust and splash water resistance rating
50 modules chains that can be cut at any point
Chain length: 2.3 meters
Cable length between modules: 2.3 cm
Working temperature - 25 /+ 55 °C.
Life time >56.000 hours at 20 °C.
Polarity: grey = positive / white = negative.
5 Years Warranty.



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW1SL*	Daylight	6.400-7.000 K	36	0,24	150	22	2,30	€ 0,48	€ 24,00
LOEFNNW1SL	Neutral White	3.800-4.200 K	36	0,24	150	22	2,30	€ 0,48	€ 24,00
LOEFNWW1SL*	Warm White	2.900-3.100 K	36	0,24	150	22	2,30	€ 0,48	€ 24,00

* Not paired with the previous version

ECOLED SMD SMALL LENS: PMMA Opal 3 mm						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
30	45	50	444	15.984	159,84	
50	45	70	317	11.412	114,12	
60	45	90	247	8.892	88,92	
80	45	120	185	6.290	66,60	



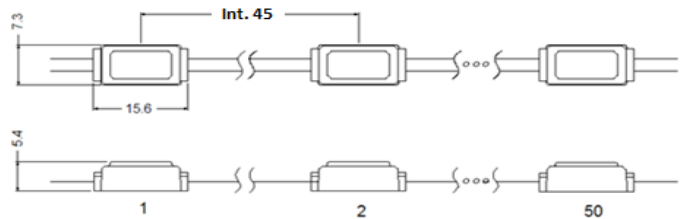
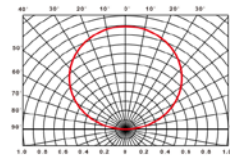
Standard length of serial connection: 25



ECOLED SMD SMALL

Recommended depth 40 - 80 mm

Ideal for backlighting boxed letters, small light boxes and solid letters.
 Degree of resistance to dust and water splashes IP67.
 Chain of 50 modules that can be cut at any point.
 Chain length: 2,3 m.
 Cable length between modules: 3 cm.
 Operating temperature - 25 + 60 °C.
 Life expectancy up to 50.000 hours at 20 °C.
 Polarity: white/red = positive - white = negative.
 5 Years Warranty.

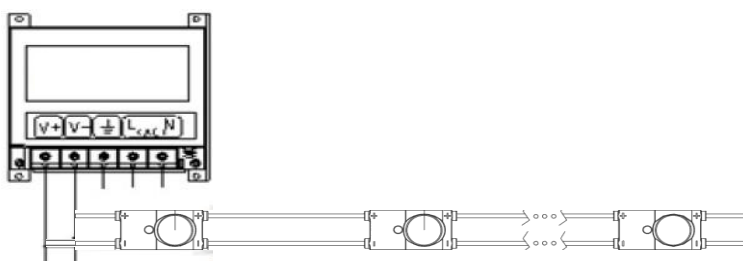


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW1MN	Daylight	6.000-7.000 K	28	0,30	93	17	2,30	€ 0,42	€ 21,00
LOEFNNW1MN	Neutral White	3.800 - 4.500 K	28	0,30	93	17	2,30	€ 0,42	€ 21,00
LOEFNWW1MN	Warm White	2.800 - 3.500 K	26	0,30	87	17	2,30	€ 0,42	€ 21,00
LOEFNR1MN	Red	620-630 nm	12	0,30	40	17	2,30	€ 0,50	€ 25,00
LOEFNB1MN	Blue	463-475 nm	6	0,30	20	17	2,30	€ 0,50	€ 25,00
LOEFNG1MN	Green	512-528 nm	19	0,30	63	17	2,30	€ 0,50	€ 25,00

ECOLED SMALL: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
40	45	50	444	12.432	133,20
50	45	65	342	9.576	102,60
60	45	80	278	7.784	83,40
80	45	120	185	5.180	55,50





Maximum number of modules per string: 60



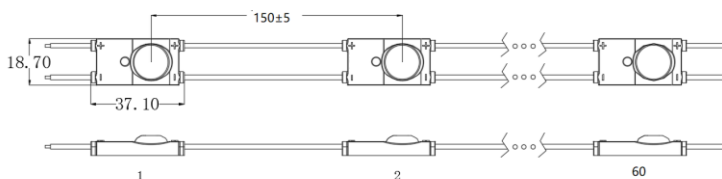
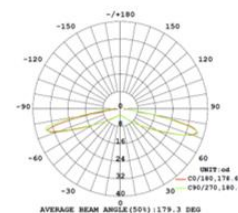
ECOLED HD MODULES 12V-1 LED 175°

Ideal for backlighting of small and medium-sized, particularly bright, box letters and light boxes:

- 58 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 60 modules can be cut at any point;
- Chain length: 9.0 metres;
- Cable length between modules: 113 mm;
- Low consumption, light efficiency of 138 lm/W;
- 5-year warranty (*).

Attention:
For more information and technical data please refer to the product data sheet.

(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.



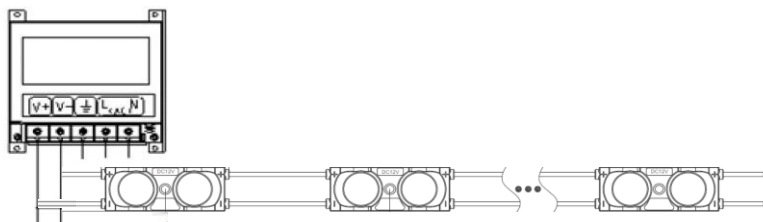
Code	Description						Chain 60 mod. m	€/module	€/Chain 60 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEDW1-12	Daylight White	6.700 K	58	0,42	138	6/7	9	€ 0,49	€ 29,20

ECOLED SMD HB ALU 1: PMMA Opal 3 mm						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
30	30	70	2803	16.240	177,60	
60	60	120	80	4.640	33,60	
80	80	140	56	2.520	23,52	



BACKLIGHTING LED MODULES

WARRANTY
5
YEARS



Maximum number of modules per string: 50



ECOLED MODULES HD 12V-2 LED 175°

Ideal for backlighting of small and medium-sized, particularly bright, box letters and light boxes:

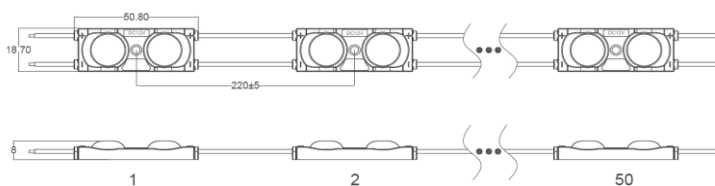
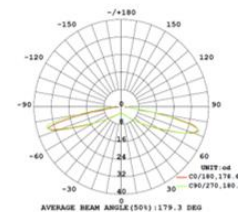
- 115 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 50 modules can be cut at any point;
- Chain length: 11 metres;
- Cable length between modules: 17 cm;
- Low consumption, light efficiency of 137 lm/W;
- 5-year warranty (*).

Attention:

For more information and technical data please refer to the product data sheet.

(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.

ENERGY LABEL
ECOLED
L0EFHEDW2-12
Class: E
Consumption: 1 kWh/1000h
Date: 2019/2015



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
L0EFHEDW2-12	Daylight White	6.700 K	115	0,84	137	4/5	11	€ 0,64	€ 32,00

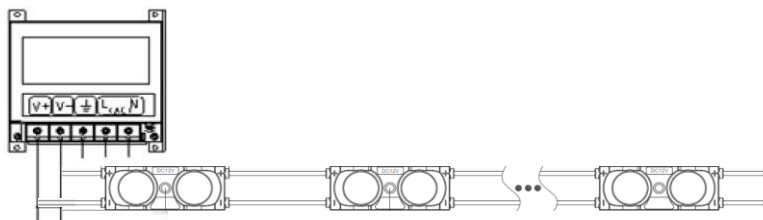
ECOLED MODULI HD 12V: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	180	135	35	35	29,40
120	200	160	160	30	25,20
150	200	190	190	25	21,00





BACKLIGHTING LED MODULES

WARRANTY
5
YEARS



Maximum number of modules per string: 50



ECOLED MODULI HD 24V-2 LED 175°

Ideal for backlighting of small and medium-sized, particularly bright, box letters and light boxes:

- 115 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 50 modules can be cut at any point;
- Chain length: 11 metres;
- Cable length between modules: 17 cm;
- Low consumption, light efficiency of 160 lm/W;
- 5-year warranty (*).

Attention:

For more information and technical data please refer to the product data sheet.

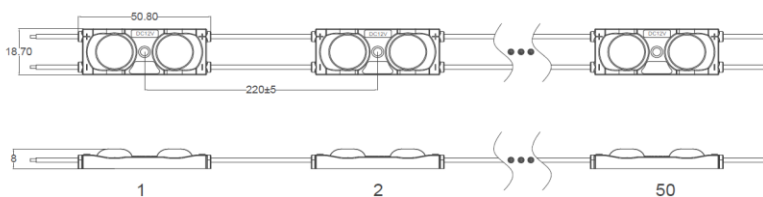
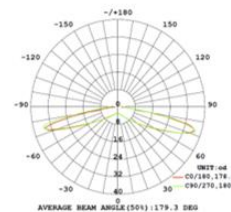
(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.

ENERGY LABEL

ECOLED
LOEFHEDW2-24

1 kWh/1000h

2019/2015



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEDW2-24	Daylight White	6.700 K	115	0,72	160	4/5	11	€ 0,64	€ 32,00

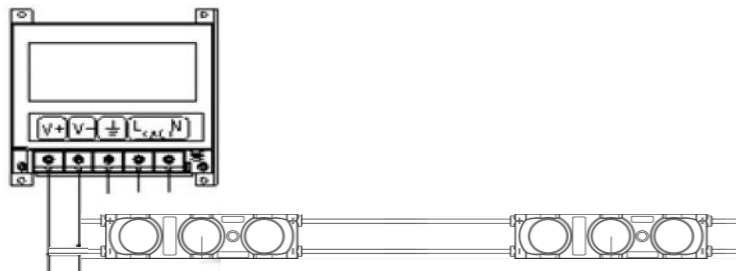
ECOLED MODULI HD 24V: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	180	135	35	35	25,20
120	200	160	160	30	21,60
150	200	190	190	25	18,00





BACKLIGHTING LED MODULES



Maximum number of modules per string: 30



ECOLED HD MODULES 12V-3 LED 175°

Ideal for backlighting of medium-to-large sized, particularly bright, box letters and light boxes:

- 173 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 30 modules can be cut at any point;
- Chain length: 9 metres;
- Cable length between modules: 23 cm;
- Low consumption, light efficiency of 137 lm/W;
- 5-year warranty (*).

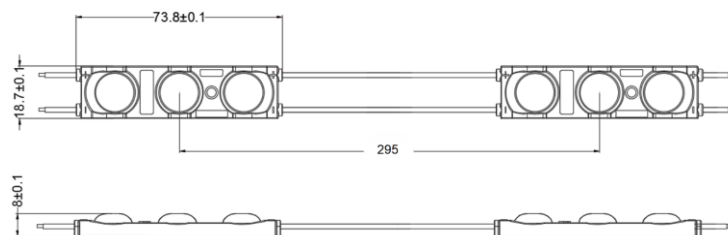
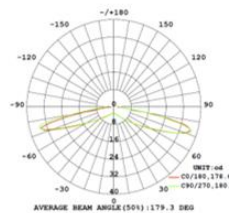
Attention:
For more information and technical data please refer to the product data sheet.

(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.

ENERGY
ECOLED
LOEFHEDW3-12

1 kWh/1000h

2019/2015

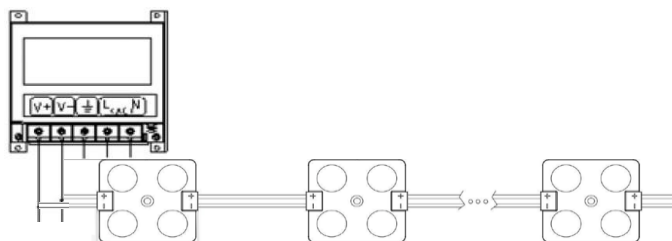


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEDW3-12	Daylight White	6.700 K	173	1,26	137	3/4	9	€ 0,81	€ 24,20

APPLICATION DEPTH (PMMA Opal 3 mm, data based on mod. 24A)

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	160	140	42	7.266	53,92
100	200	160	30	5.190	37,8
120	250	200	20	4.360	25,2





Maximum number of modules per string: 25



ECOLED HD MODULES
12V-4 LED 175°

Ideal for backlighting of large, particularly bright, box letters and light boxes:

- 230 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 25 modules can be cut at any point;
- Chain length: 7,4 metres;
- Cable length between modules: 25 cm;
- Low consumption, light efficiency of 137 lm/W;
- 5-year warranty (*).

Attention:
For more information and technical data please refer to the product data sheet.

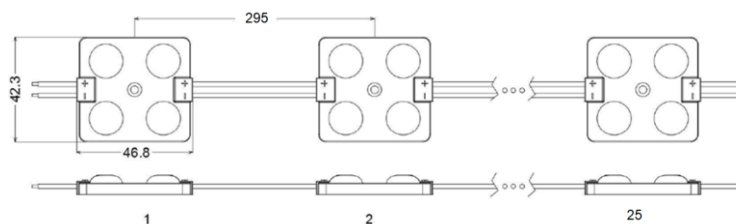
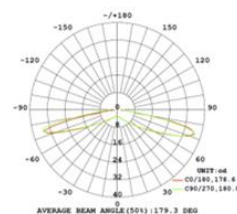
(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.

ENERGY
ECOLED
LOEFHEDW4-12

E

2 kWh/1000h

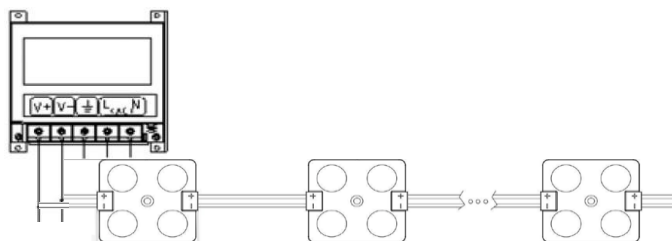
2019/07/20/15
51 02/61610



Code	Description						Chain 25 mod. m	€/module	€/Chain 25 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEDW4-12	Daylight White	6.700 K	230	1,68	137	3/4	7,4	€ 1,14	€ 28,50



BACKLIGHTING LED MODULES



Maximum number of modules per string: 35



ECOLED HD MODULES 24V-4 LED 175°

Ideal for backlighting of large sized, particularly bright, box letters and light boxes:

- 230 lumens per module;
- 175° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 35 modules can be cut at any point;
- Chain length: 10,3 metres;
- Cable length between modules: 25 cm;
- Low consumption, light efficiency of 160 lm/W;
- 5-year warranty (*).

Attention:

For more information and technical data please refer to the product data sheet.

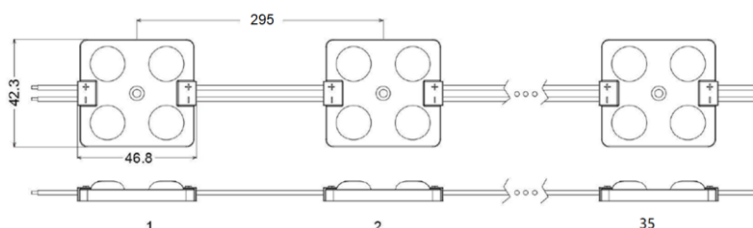
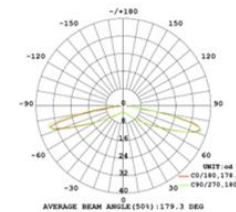
(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.

ENERGY LABEL

ECOLED
LOEFHEDW4-24

1 kWh/1000h

2016/9/20/15

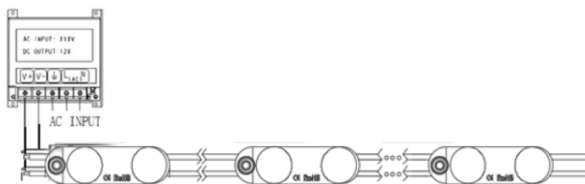


Code	Description						Chain 35 mod. m	€/module	€/Chain 35 mod.
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEDW4-24	Daylight White	6.700 K	230	1,44	160	3/4	10,3	€ 1,14	€ 39,90

ECOLED HD MODULI 24V-4: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
120	250	250	16	2.680	23
150	300	300	9	2.070	13
200	350	350	9	2.070	13





Maximum number of modules per string: 100



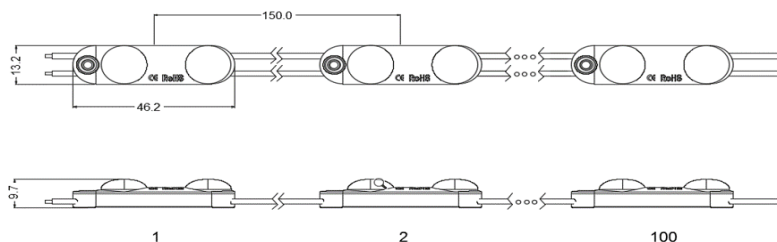
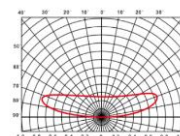
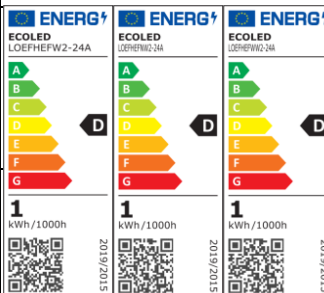
ECOLED HE ALU MODULES 24V-2 LED 170°

Ideal for backlighting of small and medium-sized, particularly bright, box letters and light boxes:

- 68 lumens per module;
- 170° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 100 modules can be cut at any point;
- Chain length: 15 metres;
- Cable length between modules: 10.3 cm;
- Low consumption, light efficiency of 162 lm/W;
- 5-year warranty (*).

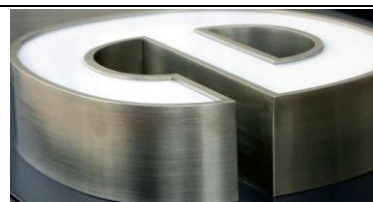
Attention:
For more information and technical data please refer to the product data sheet.

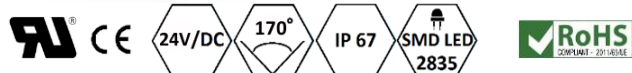
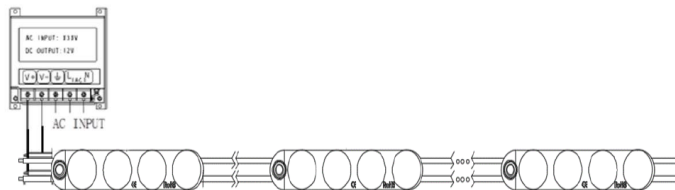
(* See point 3 "Warranty conditions". The full text of the guarantee is available on request.



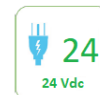
Code	Description						Chain 100 mod. m	€/module	€/Chain 100 mod.	
	Colour	Colour temperature / Wavelength	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m				
LOEFHEFW2-24A	Daylight White	6.500 K	68	0,42	162	7	15	€ 0,64	€ 64,00	
LOEFHEFNW2-24A	Neutral White	4.000 K	68	0,42	162	7	15	€ 0,64	€ 64,00	
LOEFHEFWW2-24A	Warm White	3.000 K	68	0,42	162	7	15	€ 0,64	€ 64,00	
LOEFHEFNW2-24	Neutral White	4.000-4.500 K	75	0,48	150	7	15	€ 0,57	€ 57,00	special price last pieces
LOEFHEFWW2-24	Warm White	2.700-3.200 K	75	0,48	150	7	15	€ 0,57	€ 57,00	special price last pieces
LOEFHEFR2-24	Red	620-630 nm	16	0,48	150	7	15	€ 0,80	€ 80,00	
LOEFHEFB2-24	Blue	455-465 nm	7	0,48	150	7	15	€ 0,80	€ 80,00	
LOEFHEFG2-24	Green	520-530 nm	28	0,48	150	7	15	€ 0,80	€ 80,00	

APPLICATION DEPTH (PMMA Opal 3 mm, data based on mod. 24A)					
Application depth (mm)	Module spacing (mm)	Row spacing (mm)	Modules/m ²	Lumen/m ²	W/m ²
40	70	70	204	13.900	86
50	90	90	123	8.400	52
60	110	110	83	5.600	35
80	150	150	44	3.000	18





Maximum number of modules per string: 60

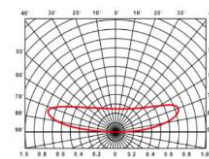
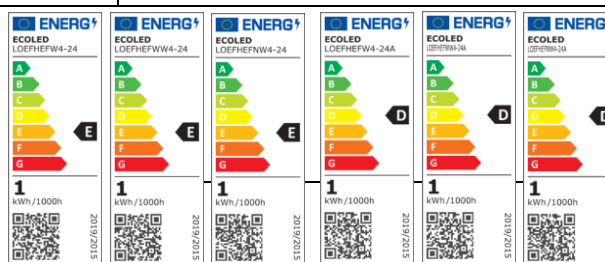


ECOLED HE ALU 4 LED

Recommended depth 60 - 120 mm

'Ideal for backlighting of small and medium-sized, particularly bright, box letters and light boxes:

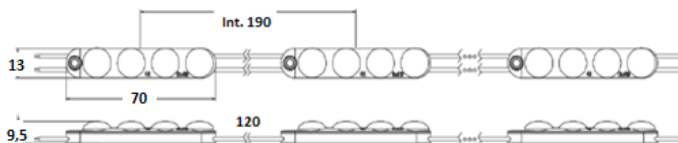
- 140 lumens per module;
- 170° lens;
- Current controlled;
- IP67 dust and splash water resistance rating;
- Chains of 60 modules can be cut at any point;
- Chain length: 11,5 metres;
- Cable length between modules: 12 cm;
- Low consumption, light efficiency of 162 lm/W;
- 5-year warranty (*).



Attention:

For more information and technical data please refer to the product data sheet.

(*). See point 3 "Warranty conditions". The full text of the guarantee is available on request.



Code	Description						Chain 60 mod. m	€/module	€/Chain 60 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEFW4-24A	Daylight	6.500 K	140	0,86	162	6	11,50	€ 0,99	€ 59,40
LOEFHEFNW4-24A	Neutral White	4.500 K	140	0,86	162	6	11,50	€ 0,99	€ 59,40
LOEFHEFWW4-24A	Warm White	3.000 K	140	0,86	162	6	11,50	€ 0,99	€ 59,40

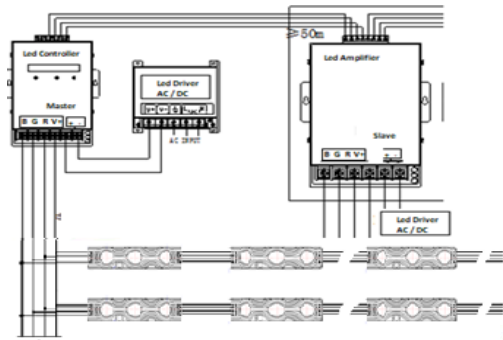
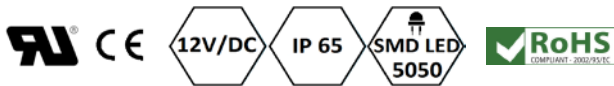
Special price – last few items!

LOEFHEFW4-24	Daylight	6.000-7.000 K	140	0,96	145	6	11,50	€ 0,79	€ 47,52
LOEFHEFNW4-24	Neutral White	4.000-4.500 K	140	0,96	145	6	11,50	€ 0,79	€ 47,52
LOEFHEFWW4-24	Warm White	2.700-3.200 K	140	0,96	145	6	11,50	€ 0,79	€ 47,52

APPLICATION DEPTH (PMMA Opal 3 mm, data based on mod. 24A)

Application depth	Module spacing	Row spacing	Modules/m ²	Lumen/m ²	W/m ²
60	110	110	83	11.600	71
80	140	140	51	7.100	44
100	180	180	31	4.300	27
120	190	190	28	3.900	24



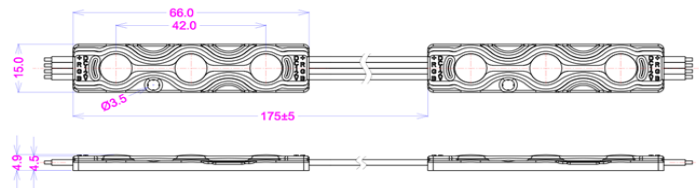
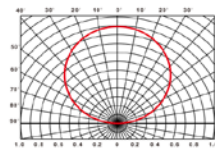


Standard length of serial connection: 20



ECOLED RGB SMD 5050

Ideal for backlighting channel letters, textiles and light boxes.
High color consistence.
20 modules per chain, can be cut on wire between every module.
Lens 120°.
IP65 protection, water and powder resistance.
Chain length: 3,5 m.
Spacing between modules: 10,9 cm.
Working temperature: - 25 + 60 °C .
Nominal life time up to 50.000 hours at 20 °C.
Polarity: yellow = positive - red = red - green = green - blue = blue.
3 Years Warranty.

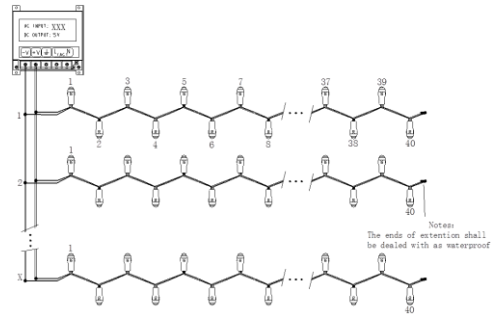
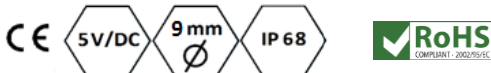
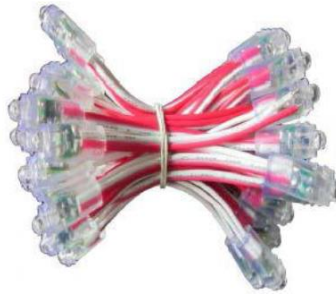


Code	Description						€/module	€/Chain 20 mod.
	Colour	Colour Temperature	Flux / Mod. (Lumen)	Consump. (W)	Modules per m	Chain 20 mod m		
LOEFNZRGB6A	Red	620-630 nm	7	0,72	5/6	3,50	€ 0,90	€ 18,00
	Blue	465-475 nm	4					
	Green	520-530 nm	21					

ECO Led[®]

BACKLIGHTING LED MODULES

WARRANTY
1
YEAR



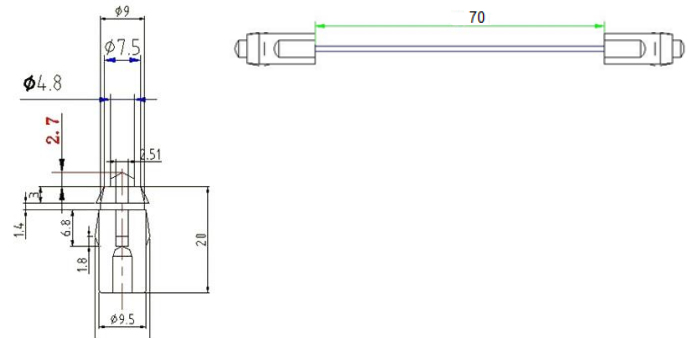
Standard length of serial connection: 50



SINGLE ECOLED 9 mm

PHASE OUT

Viewing angle 90°, 4,8 mm. LED.
IP68 protection, water and powder resistance.
Designed for perforated letters application (both indoor and outdoor).
50 modules per chain.
Chain length: 3,5 m.
Cable length between modules: 7 cm.
Energy saving, environment-friendly, long life time.
1 Year Warranty.



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFM2R	Red	621-624 nm	4,00	0,10	40	12/13	3,50	€ 0,25	€ 12,50
LOEFM2B	Blu	515-525 nm	4,00	0,10	40	12/13	3,50	€ 0,25	€ 12,50

SWITCHING CONVERTER LPV
5 Vdc IP67 NO SELV

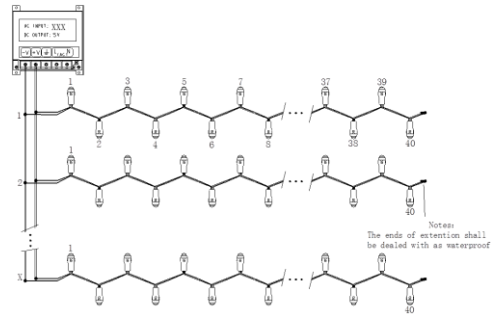
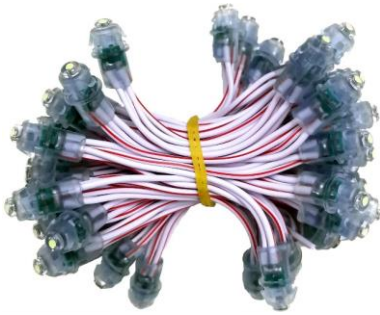


WARRANTY
2
YEARS



Code	Description					Price €
	Supply V AC	Output Voltage V DC	Rated Power W	Output A	Dimension mm. L x W x H	
LONA020LPV5	90-264	5	15	3	118x35x26	€ 17,62
LONA035LPV5	90-264	5	30	6	148x40x30	€ 24,78
LONA060LPV5	90-264	5	40	8	162,5x42,5x32	€ 27,58
LONA100LPV5	90-264	5	60	12	190x52x37	€ 30,60



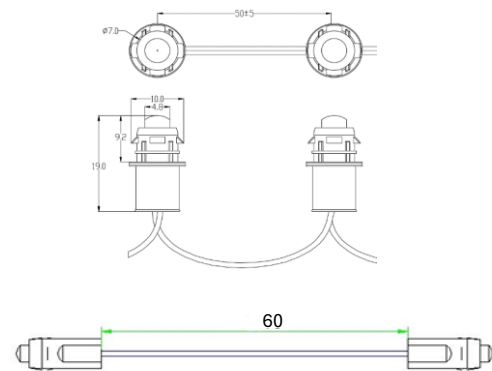


Maximum number of modules per string: 50

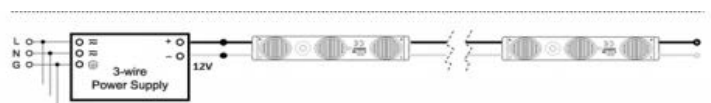


SINGLE ECOLED 5 mm

SINGLE ECOLED Ø 5: 10 lumens per module (white), 120 ° lens, 5.0 mm LED spot. - module 10 mm;
Degree of resistance to dust and splashes of water IP67;
Designed for perforated applications, both internal and external;
Packs of 50 modules that can be cut at each point;
Package length: 4.0 meters
Cable length between LEDs: 6.0 cm;
Low consumption, luminous efficiency of 83 lm/W (Daylight White).
1 year warranty.



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature / Wave length	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNSW1-09	Daylight white	7.000 K	10	0,12	83	20	4,00	€ 0,25	€ 12,50
LOEFNSR1-09	Red	625 nm	2	0,12	17	20	4,00	€ 0,25	€ 12,50
LOEFNSB1-09	Blu	470 nm	3	0,12	25	20	4,00	€ 0,25	€ 12,50
LOEFNSG1-09	Green	525 nm	10	0,12	83	20	4,00	€ 0,25	€ 12,50
LOEFNSY1-09	Yellow	590	6	0,12	50	20	4,00	€ 0,25	€ 12,50



Standard length of serial connection: 20

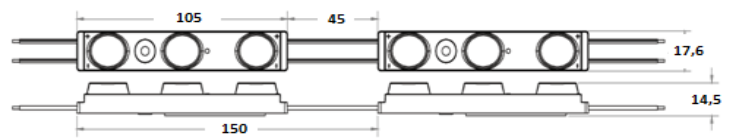
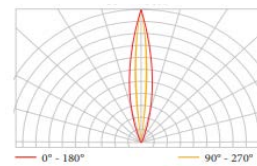


SIGNRAYZ ULTRA EDGE HO 770

Recommended depth 50 - 150 mm

LED chain for small and medium single and double sided light boxes.
 IP68 protection.
 30 modules chain, can be cut on wire between every module.
 Chain length: 4,6 m.
 Spacing between modules: 4,5 cm.
 Nominal life-time up to 50.000 h
 (at 60 °C with a failure rate ≤ 0.2 % per 1.000 h).
 Working temperature - 40 + 60 °C.
 Polarity: white/red = positive - white = negative.
 5 Years Warranty.

For warranty and lifetime, please ask to us the Agilight technical data sheet.
 We recommend combining these LED with Agilight power supplies to take advantage of the additional warranty offered by the manufacturer.



Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPEDHO65	Daylight	6.500 K	250	2,76	91	4	4,60	€ 3,90	€ 117,00
LOZPEDHO40	Neutral White	4.000 K	250	2,76	91	4	4,60	€ 3,90	€ 117,00
LOZPEDHO30	Warm White	3.000 K	250	2,76	91	4	4,60	€ 3,90	€ 117,00

Upon request, available other colour temperatures (2700K - 5000K - 5700K)

ULTRA EDGE HO 770 Double s. PMMA Opal 3 mm - 2 sides			ULTRA EDGE HO 770 Back. PMMA Opal 3 mm - 2 sides		
Application depth	Module spacing	Reachout length	Application depth	Module spacing	Reachout length
50	115	910	50	50	115
75	115	1.070	75	75	115
100	115	1.220	100	100	115
125	115	1.220	127	127	115
150	115	1.220	150	150	115

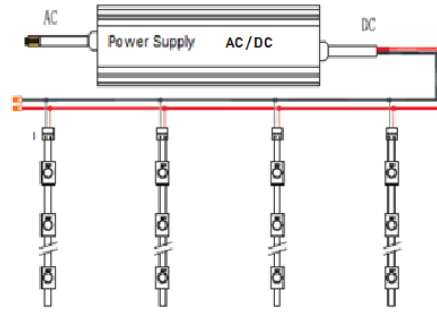
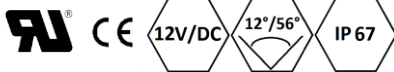




PERIMETRAL LED MODULES



Approved by
F/ART



Standard length of serial connection: 30



ECOLED POWER SIDE ALU 1,5 W

Recommended depth 100 - 150 mm

Ideal for single sided and double sided light boxes.
Current control.

IP67 protection, water and powder resistance.

30 modules chain, can be cut on wire between every module.

Chain length: 4,5 m.

Cable length between modules: 11 cm.

Spacing between modules: 15 cm.

Working temperature - 25 + 60 °C.

Nominal life time up to 50.000 hours at 20 °C.

Polarity: white/red = positive - white = negative.

5 Years Warranty.

The module must be dissipated.

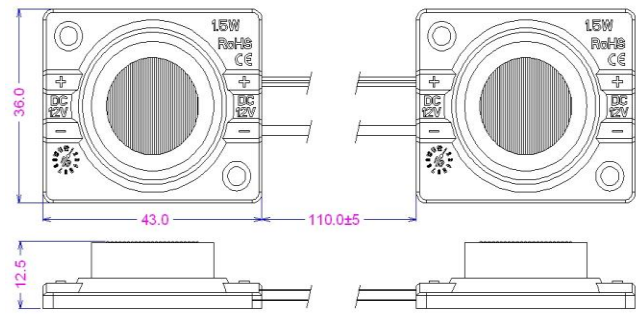
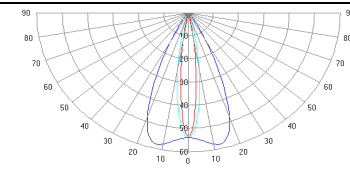
ENERGY
ECOLED
LOEPS15



2
kWh/1000h



2019/2015

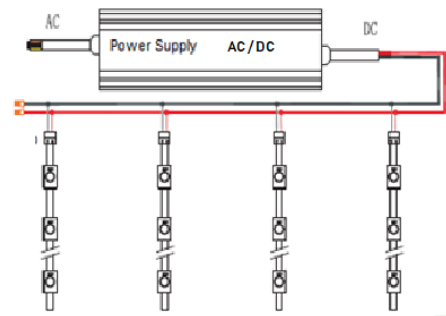


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS15	Daylight	6.000-7.000 K	130	1,50	87	6/7	4,50	€ 1,40	€ 42,00
LOEPS15NW	Natural White	4.000-4.500 K	130	1,50	87	6/7	4,50	€ 1,40	€ 42,00

ECOLED POWER SIDE ALU 1,5 W: PMMA Opal 3 mm / Textile - 2 sides		
Application depth	Module spacing	Reachout length
100	110	1.000
120	110	1.200
150	110	1.500



Approved by
F/ART



Standard length of serial connection: 20

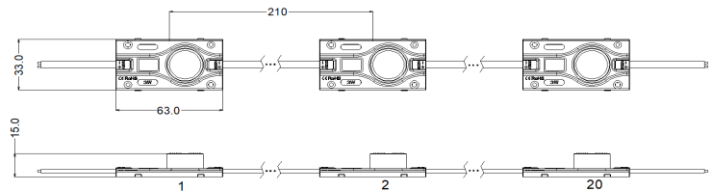
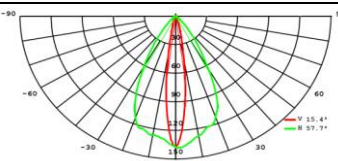


ECOLED POWER SIDE ALU 2,4 W

Recommended depth 100 - 200 mm

Ideal for single sided and double sided light boxes.
Current control.
IP67 protection, water and powder resistance.
20 modules chain, can be cut every module.
Chain length: 4 m.
Cable length between modules: 14 ± 0,5 cm.
Working temperature - 25 + 55 °C.
Nominal life time up to 50.000 hours at 20 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

The module must be dissipated.



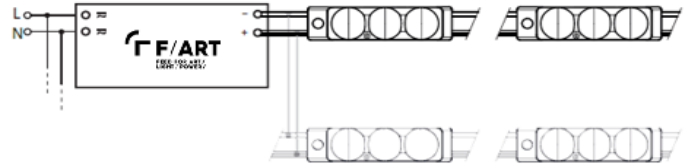
Unit: mm
Note: the pitch based on 160mm wire

Code	Description						Chain 20 mod. m	€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS32	Daylight	6.000-7.000 K	220	2,4	92	6	4,20	€ 2,58	€ 51,60

ECOLED POWER SIDE ALU 3 W: PMMA Opal 3 mm / Textile - 2 sides

Application depth	Module spacing	Reachout length
100	110	1.000
120	110	1.200
150	110	1.500
200	110	2.000





Standard length of serial connection: 20

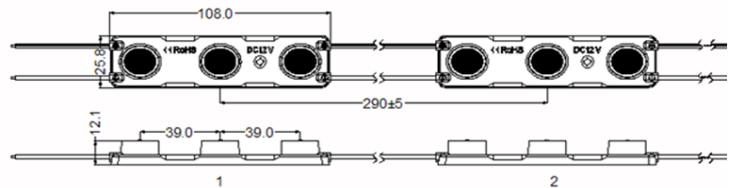
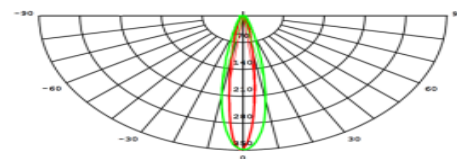


ECOLED POWER SIDE ALU 3 LED

Recommended depth 50 - 100 mm

Ideal for single sided and double sided light boxes.
Current control.
IP67 protection, water and powder resistance.
20 modules chain, can be cut every module.
Chain length: 6 m.
Cable length between modules: 18 cm.
Working temperature - 25 + 60 °C.
Nominal life time up to 50.000 hours at 20 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

The module must be dissipated.



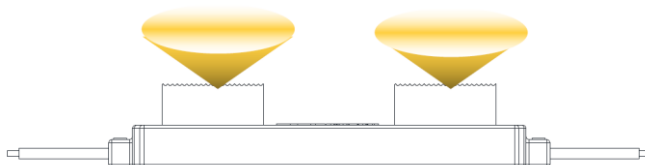
Code	Description						Chain 20 mod. m	€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS330	Daylight	5.500-6.500 K	240	2,88	83	3	6	€ 3,60	€ 72,00

ECOLED POWER SIDE ALU 3 LED: PMMA Opal 3 mm - 2 sides

Application depth	Module spacing	Reachout length
50	110	1.000
80	110	1.000
100	110	1.000



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F/ART



Standard length of serial connection: 50



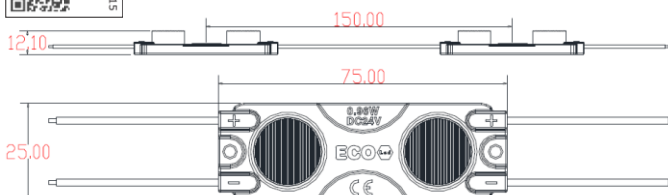
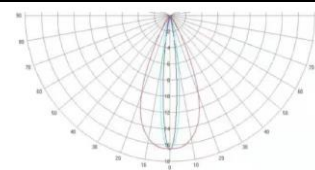
ECOLED POWER SIDE HE ALU 2 LED

Recommended depth 60 - 120 mm

NEW

High efficiency and low consumption modules.
Special lens for a better diffusion.
Suitable for double sided light boxes. Current control.
IP65 protection, water and powder resistance.
Insulation class with SELV PS: CLASS III
50 modules chain, can be cut every module.
Chain length: 7,5 m.
Cable length between modules: 7,5 cm.
Working temperature - 25 + 60 °C.
Nominal life time up to 50.000 hours at 20 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

The module must be dissipated.



Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS2HE	Daylight	7.000-7.500 K	143	0,96	149	6/7	7,50	€ 1,69	€ 84,46

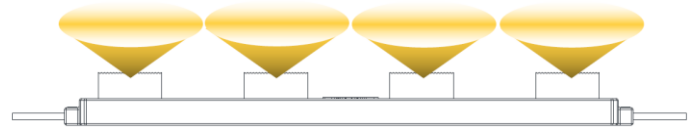
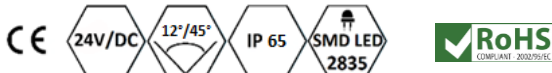
ECOLED POWER SIDE HE ALU 2 LED: PMMA Opal 3 mm - 2 sides

Application depth	Module spacing	Reachout length
60	80	600
80	90	800
100	100	1.000
120	110	1.000





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Standard length of serial connection: 30



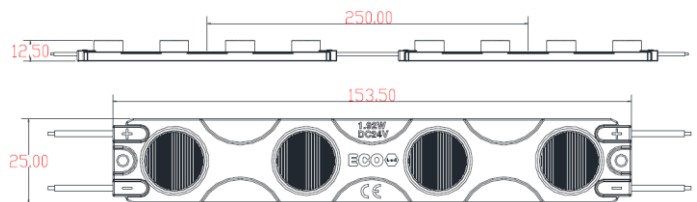
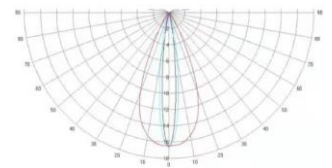
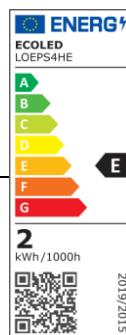
ECOLED POWER SIDE HE ALU 4 LED

Recommended depth 60 - 120 mm

NEW

- High efficiency and low consumption modules.
- Special lens for a better diffusion.
- Suitable for double sided light boxes. Current control.
- IP65 protection, water and powder resistance.
- Insulation class with SELV PS: CLASS III
- 30 modules chain, can be cut every module.
- Chain length: 7,5 m.
- Cable length between modules: 9,6 cm.
- Working temperature - 25 + 60 °C.
- Nominal life time up to 50.000 hours at 20 °C.
- Polarity: white/red = positive - white = negative.
- 5 Years Warranty.

The module must be dissipated.

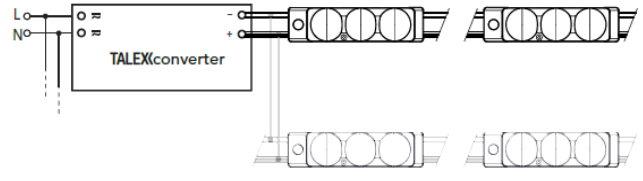


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS4HE	Daylight	7.000-7.500 K	270	1,92	140	4	7,50	€ 3,12	€ 93,74
LOEPS4NWHE	Neutral White	4.000 K	270	1,92	140	4	7,50	€ 3,12	€ 93,74

ECOLED POWER SIDE HE ALU 4 LED: PMMA Opal 3 mm - 2 sides

Application depth	Module spacing	Reachout length
60	160	600
80	170	800
100	180	1.000
120	190	1.000





Max. bars per line:
LOEBAS03 - 10
LOEBAS06 - 5

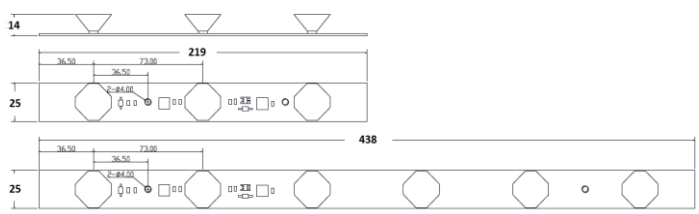
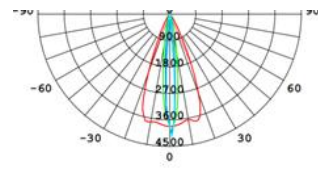


ECOLED BAR SIDE ALU


Recommended depth 90 - 170 mm


For indoor single sided luminous and double sided totem light boxes.
Current control.
IP62 protection, not suitable for any deterioration in the weather or climate conditions.
Working temperature - 20 + 60 °C.
Nominal life time up to 50.000 hours at 20 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

Dimmable product with special devices.

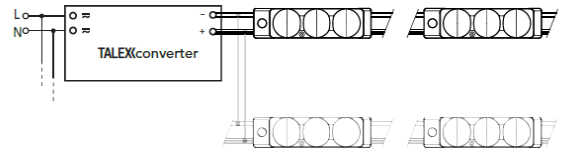


Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOWERED PRICES - phase out								
LOEBAS03	Daylight	6.000-7.000 K	3	760	95	8,00	219x25x14	€ 8,91

Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 5,90	

ECOLED BAR SIDE ALU: PMMA Opal 3 mm/Textile - 2 sides		
Application depth	Light Box Max. width	
96	1.500	
160	1.800	
170	1.800	

Approved by
F/ART



Max. bars per line:
LOEBAS03 HE - 10
LOEBAS06 HE - 5

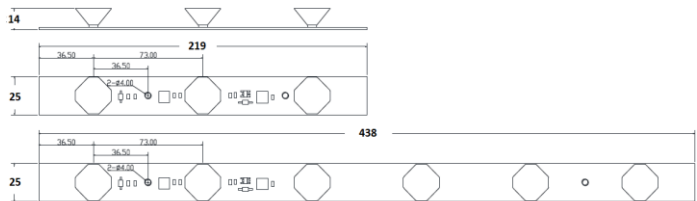
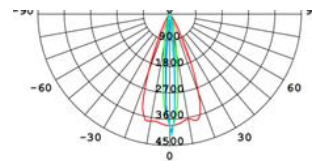


ECOLED BAR SIDE ALU HE


Recommended depth 90 - 170 mm


For indoor single sided luminous and double sided totem light boxes.
Current control.
IP62 protection, not suitable for any deterioration in the weather or climate conditions.
Working temperature - 20 + 60 °C.
Nominal life time up to 50.000 hours at 20 °C.
Polarity: white/red = positive - white = negative.
5 Years Warranty.

Product not dimmable.

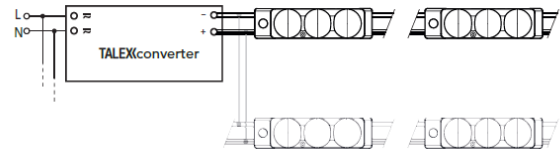


Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAS03HE	Daylight	6.000-7.000 K	3	900	117	7,70	219x25x14	€ 9,90
LOEBAS06HE	Daylight	6.000-7.000 K	6	1.560	113	13,80	438x25x14	€ 15,30
LOEBAS03NWHE	Neutral White	4.000-4.500 K	3	915	119	7,70	219x25x14	€ 9,90
LOEBAS06NWHE	Neutral White	4.000-4.500 K	6	1.620	117	13,80	438x25x14	€ 15,30

Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 5,90	

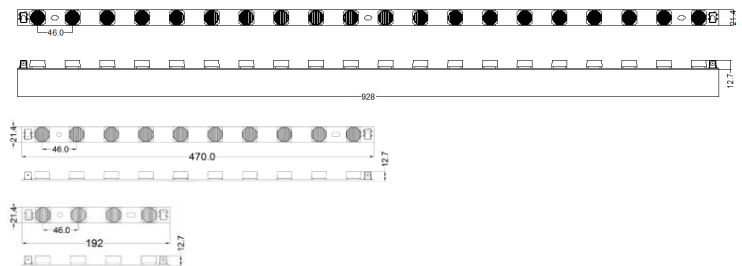
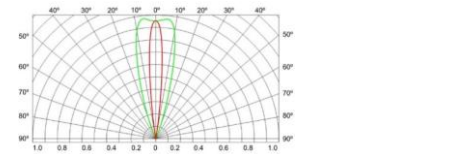
ECOLED BAR SIDE ALU: PMMA Opal 3 mm/Textile - 2 sides		
Application depth	Light Box Max. width	
96	1.500	
160	1.800	
170	1.800	

Approved by



Max. bars per line:
LOEBAT20NW - 3
LOEBAT10NW - 6
LOEBAT04NW - 15

ECOLED BAR SIDE ALU DM

Ideal for Double Side Light Boxes (10 cm minimum) and Single Side Light Boxes (6 cm minimum)
 9° / 24° lens
 Constant voltage with current control
 Protection degree IP33 - product to be used indoor, in a protected location
 The bar can be cut every 2 led
 Cable LOEBATCON included (mini-Jack connectors)

Dimmable product


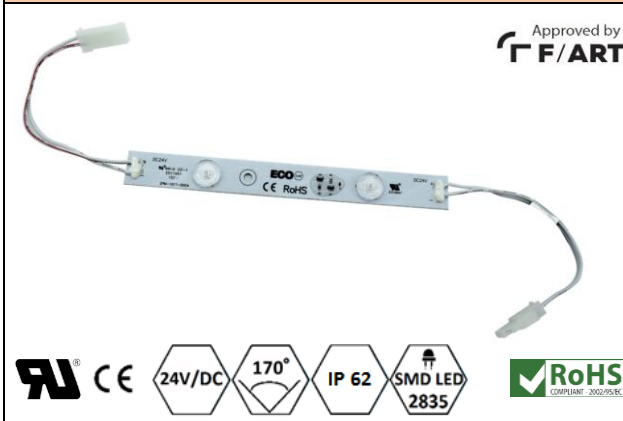
Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAT20NW	Neutral White	4.000 - 4.500 K	20	4000	117	38,40	928x21,4x12,7	€ 15,79
LOEBAT10NW	Neutral White	4.000 - 4.500 K	10	2.000	113	19,20	470x21,4x12,7	€ 8,57
LOEBAT04NW	Neutral White	4.000 - 4.500 K	4	800	119	7,70	192x21,4x12,7	€ 5,11

Accessories Code	Description	€/Pack.	Image
LOEBARCON	ECOLED BAR SIDE ALU DM connection cable	€ 2,52	

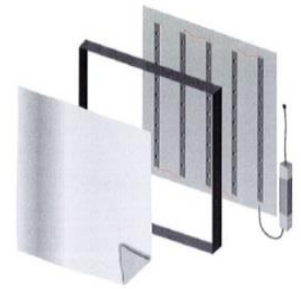
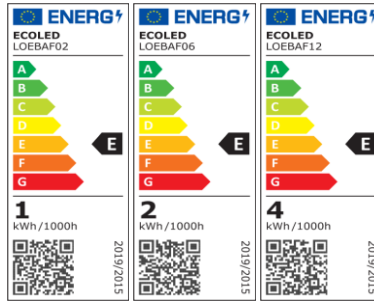


INDOOR BACKLIGHTING LIGHT BOX BARS

WARRANTY
5
YEARS



Approved by
F/ART



Max. bars per line:
LOEBAF02 - 24
LOEBAF06 - 8
LOEBAF12 - 4



ECOLED BACKLITE BAR ALU HE IP62

Recommended depth 40 - 120 mm

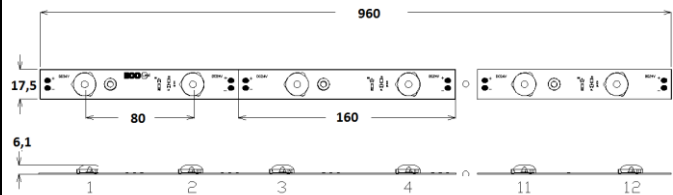
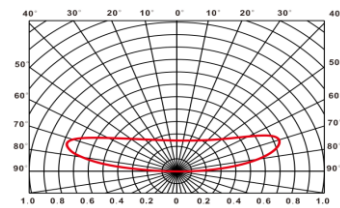
NEW

High efficiency and low consumption bar.
For square or rectangular single sided light boxes.
Recommended for indoor light boxes.
Current control. IP62 protection.
Working temperature - 25 + 55°C.
Nominal life time up to 50,000 hours at 20 °C.
Polarity: grey= positive - white = negative.
5 Years Warranty.

Cutting the bars is not recommended.

Dimmable product.

Colour temperature is different from that of LOEBAB bars.



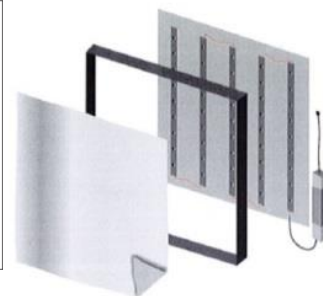
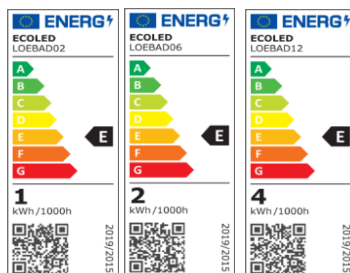
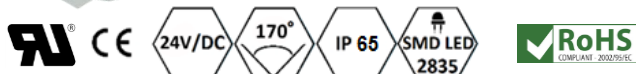
Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAF02	Daylight	6.000-7.000 K	2	100	139	0,72	160x17,5x6,1	€ 2,60
LOEBAF06	Daylight	6.000-7.000 K	6	300	139	2,16	480x17,5x6,1	€ 4,10
LOEBAF12	Daylight	6.000-7.000 K	12	600	139	4,32	960x17,5x6,1	€ 6,70
LOEBAF02NW	Neutral White	4.000-4.500 K	2	100	139	0,72	160x17,5x6,1	€ 2,60
LOEBAF06NW	Neutral White	4.000-4.500 K	6	300	139	2,16	480x17,5x6,1	€ 4,10
LOEBAF12NW	Neutral White	4.000-4.500 K	12	600	139	4,32	960x17,5x6,1	€ 6,70

Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 5,90	
LOEBACON10	10 connectors dorsal with 10 cm cable length 18 cm distance between modules	€ 6,00	

Installation settings			
Application depth	Bars spacing	Installation density/Pcs.	Lumen/m2
40-50	80	12	7.200
50-60	130	8	4.800
60-80	150	7	4.200
80-120	170	6	3.600



Approved by
F/ART

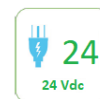


Max. bars per line:

LOEBAD02 - 28

LOEBAD06 - 8

LOEBAD12 - 4



ECOLED BACKLITE BAR ALU HE IP65

Recommended depth 40 - 120 mm

For square or rectangular single sided light boxes.

Very high efficiency: 139 lumen/watt.

Recommended for outdoor light boxes.

Current control.

Bars and connectors IP65 protection.

Working temperature - 25 + 55°C.

Nominal life time up to 50.000 hours at 20 °C.

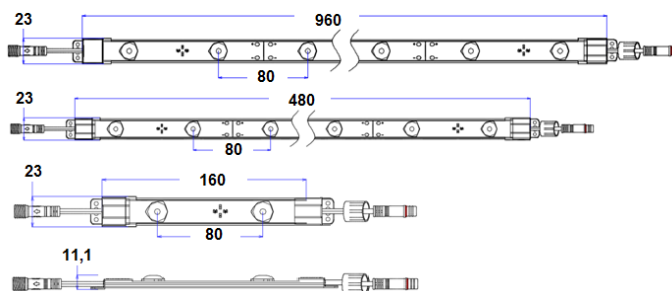
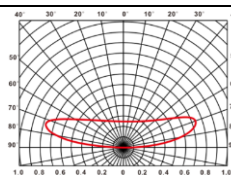
Polarity: grey= positive - white = negative.

3 Years Warranty.



Cutting the bars is not recommended.

Dimmable product.

Colour temperature is different from that of LOEBAB bars.



Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAD02	Daylight	6.000-7.000 K	2	100	139	0,72	160x23x11,1	€ 4,18
LOEBAD06	Daylight	6.000-7.000 K	6	300	139	2,16	480x23x11,1	€ 6,58
LOEBAD12	Daylight	6.000-7.000 K	12	600	139	4,32	960x23x11,1	€ 10,18

Accessories Code	Description	€/Pack.	Image
LOEBARCONIP65	10 pcs package of IP65 couple connectors with 10 cm cable length	€ 18,10	
LOEBACON10IP65	10 connectors dorsal with 10 cm cable length 18 cm distance between modules	€ 22,37	

Installation settings			
Application depth	Bars spacing	Installation density/Pcs.	Lumen/m2
40-50	80	12	7.200
50-60	130	8	4.800
60-80	150	7	4.200
80-120	170	6	3.600



ECO[®] Led

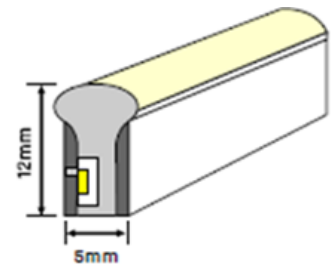
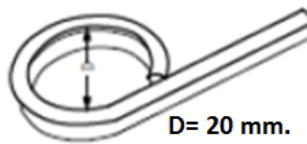
LED FLEX TUBES

 WARRANTY
3
 YEARS

ECOLED TUBE LED FLEX 5x12 SILICONE

Light source of 120 LED/m.
 Outdoor use.
 IP67 protection if wired correctly, with waterproof end caps.
 Every 2,5 cm can be cut along the mark besides.
 Minimum bend radius: 20 mm.
 3 Years Warranty.

Ask to us the installation data sheet.


SPECIAL PRICE- PHASE OUT

Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET3FNS512CW	Daylight	8,000-12,000K	120	5x12	380	10	€ 10,70	€ 107,00
LOET3FNS512G	Green	520-530 nm	120	5x12	140	10	€ 10,70	€ 107,00
LOET3FNS512O	Orange	585-595 nm	120	5x12	80	10	€ 10,70	€ 107,00
LOET3FNS512RP	Viola		120	5x12	40	10	€ 10,70	€ 107,00

Accessories Code	Description	€/Pack.	Image
LOET3FNS512EC00	10 pcs. package of caps with hole	€ 6,00	
LOET3FNS512EC	10 pcs. package of caps without hole	€ 6,00	
LOET3FNS512MC	10 pcs. package of metal clips	€ 6,60	

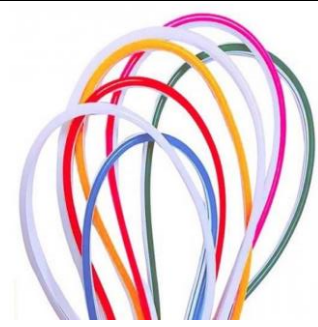


Use only original clips on tubes led flex

ECO

LED FLEX TUBES

WARRANTY
2
YEARS



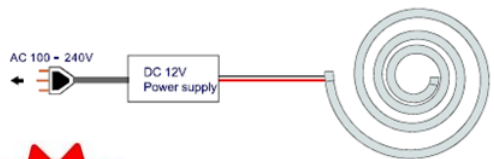
CE


12 Vdc


160°

IP 67

SMD LED
2835








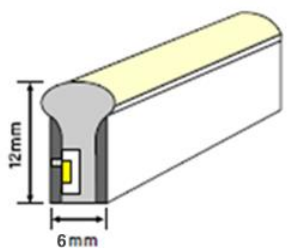
ECOLED TUBE LED FLEX 6x12 SILICONE

Light source of 100 LED/m. SMD 2835
Outdoor use.
IP67 protection if wired correctly, with waterproof end caps.
Every 10 mm can be cut along the mark besides.
The markings on the side indicate the exact place to cut the pipe without damaging it.
Minimum bend radius: 20 mm.
2 Years Warranty.

Ask to us the installation data sheet.




D= 20 mm.



Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET4FNS612W	Daylight	6.000-7.000 K	100	6x12	380	10	€ 13,40	€ 134,00
LOET4FNS612NW	Neutral White	3.700-4.500 K	100	6x12	380	10	€ 13,40	€ 134,00
LOET4FNS612WW	Warm White	2.700-3.500 K	100	6x12	340	10	€ 13,40	€ 134,00
LOET4FNS612R	Red	620-630 nm	100	6x12	65	10	€ 13,40	€ 134,00
LOET4FNS612B	Blue	465-475 nm	100	6x12	40	10	€ 13,40	€ 134,00
LOET4FNS612G	Green	520-530 nm	100	6x12	140	10	€ 13,40	€ 134,00
LOET4FNS612O	Orange	585-595 nm	100	6x12	80	10	€ 13,40	€ 134,00
LOET4FNS612Y	Yellow	Yellow	100	6x12	80	10	€ 13,40	€ 134,00
LOET4FNS612X*	Altri colori		100	6x12		10	€ 14,00	€ 140,00


***Pink and Purple colour available on request**

Accessories Code	Description	€/Pack.	Image
LOET4FNS612EC00	10 pcs. package of caps with hole	€ 6,00	
LOET4FNS612EC	10 pcs. package of caps without hole	€ 6,00	
LOET4FNS612MC	10 pcs. package of metal clips	€ 6,60	

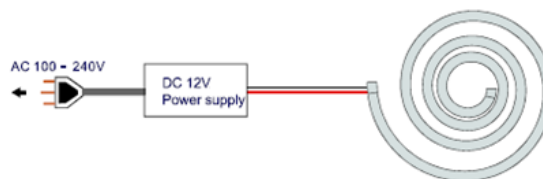
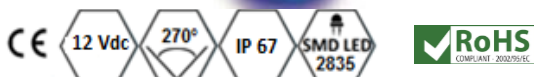


Use only original clips on tubes led flex

Codice	Descrizione	€
LOET4FN612000	6x12 Ecoled Flex LED Tube Sample Kit	€ 45,00

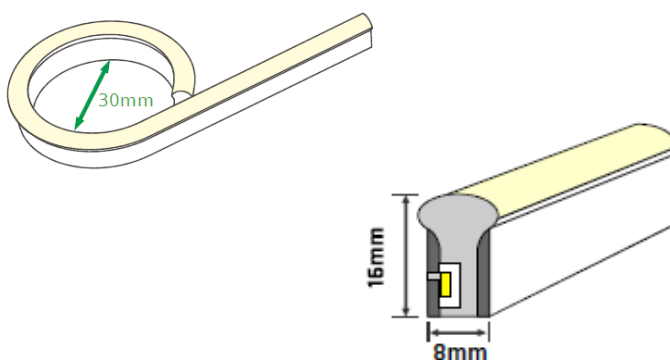


ECO Led[®]
LED FLEX TUBES

 WARRANTY
3
 YEARS

ECOLED TUBE LED FLEX 8x16 SILICONE

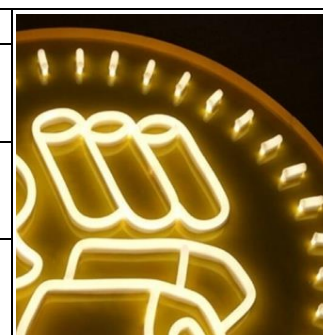
Light source of 120 LED/m.
 IP67 protection if wired correctly, with waterproof end caps.
 Outdoor use.
 Every 2,5 cm can be cut along the mark besides.
 Minimum bend radius: 30 mm.
 270° degree beam angle.
 3 Years Warranty.

Ask to us the installation data sheet.


SPECIAL PRICE- PHASE OUT

Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET3FNS816CW	Daylight	8.000-12.000 K	120	8x16	380	10	€ 12,70	€ 127,00
LOET3FNS816WW	Warm White	2.700-3.500 K	120	8x16	340	10	€ 12,70	€ 127,00
LOET3FNS816B	Blue	465-475 nm	120	8x16	40	10	€ 12,70	€ 127,00
LOET3FNS816G	Green	520-530 nm	120	8x16	140	10	€ 12,70	€ 127,00
LOET3FNS816O	Orange	585-595 nm	120	8x16	80	10	€ 12,70	€ 127,00
LOET3FNS816Y	Yellow		120	8x16	80	10	€ 12,70	€ 127,00
LOET3FNS816RP	Purple		120	8x16	40	10	€ 12,70	€ 127,00

Accessories Code	Description	€/Pack.	Image
LOET3FNS816EC00	10 pcs. package of caps with hole	€ 6,00	
LOET3FNS816EC	10 pcs. package of caps without hole	€ 6,00	
LOET3FNS816MC	10 pcs. package of metal clips	€ 6,60	



Use only original clips on tubes led flex

ECO[®] Led

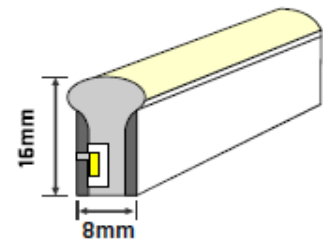
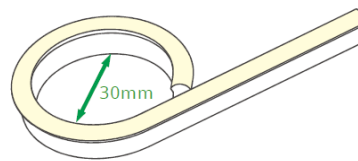
LED FLEX TUBES

 WARRANTY
2
 YEARS

ECOLED TUBE LED FLEX 8x16 SILICONE

Light source of 100 LED/m. SMD 2835
 IP67 protection if wired correctly, with waterproof end caps.
 Outdoor use.
 Every 10 mm can be cut along the mark besides.
 The markings on the side indicate the exact place to cut the pipe without damaging it.
 Minimum bend radius: 30 mm.
 160° degree beam angle.
 2 Years Warranty.

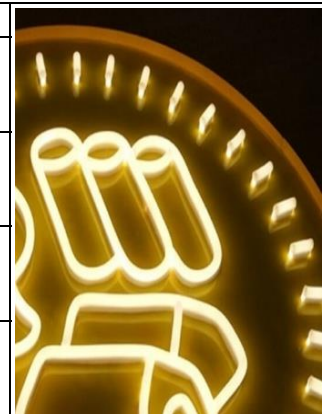
Ask to us the installation data sheet.



Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET4FNS816SW	Daylight	6.000-7.000 K	100	8x16	380	10	€ 15,90	€ 159,00
LOET4FNS816SNW	Neutral White	3.700-4.500 K	100	8x16	380	10	€ 15,90	€ 159,00
LOET4FNS816SWW		2.700-3.500 K	100	8x16	340	10	€ 15,90	€ 159,00
LOET4FNS816SCW	Warm White	--	100	--	--	--	€ 15,90	€ 159,00
LOET4FNS816SR	Red	620-630 nm	100	8x16	65	10	€ 15,90	€ 159,00
LOET4FNS816SB	Blue	465-475 nm	100	8x16	40	10	€ 15,90	€ 159,00
LOET4FNS816SG	Green	520-530 nm	100	8x16	140	10	€ 15,90	€ 159,00
LOET4FNS816SO	Orange	585-595 nm	100	8x16	80	10	€ 15,90	€ 159,00
LOET4FNS816SY	Yellow	Yellow	100	8x16	80	10	€ 15,90	€ 159,00
LOET4FNS816SIB		--	100	--	--	--	€ 16,70	€ 167,00
LOET4FNS816SX*	Altri colori		100	8x16		10	€ 16,70	€ 167,00

*Pink and Purple colour available on request

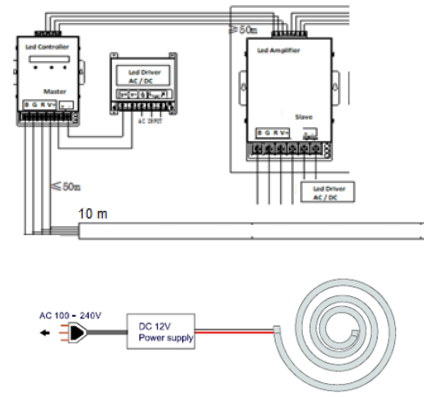
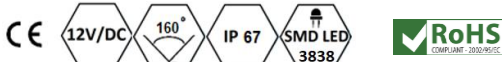
Accessories Code	Description	€/Pack.	Image
LOET3FNS816EC00	10 pcs. package of caps with hole	€ 6,00	
LOET3FNS816EC	10 pcs. package of caps without hole	€ 6,00	
LOET3FNS816MC	10 pcs. package of metal clips	€ 6,60	
LOET3FNS816MB	10 pcs. package of metal clips	€ 8,15	



Use only original clips on tubes led flex

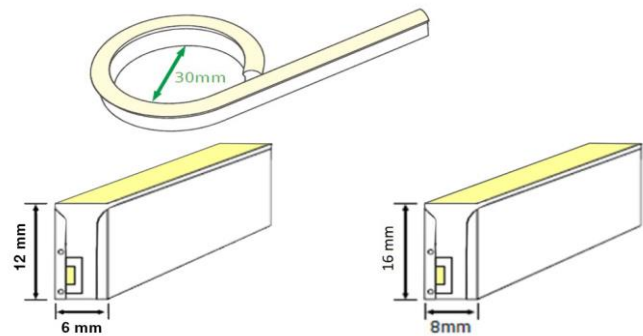


LED FLEX TUBES



ECOLED TUBES LED FLEX RGB SILICONE

NEW
 RGB Light source
 IP67 protection if wired correctly, with waterproof end caps.
 Outdoor use.
 Minimum bend radius: 30 mm.
 160° beam angle.
 2 Years Warranty.
 The markings on the side indicate the exact place to cut the pipe without damaging it.
 Ask to us the installation data sheet.



Code	Description						€/m	€/Roll 10 m
	Colour	Chip	Nr. LED/m	Dimensions mm	Consump. W/m	Cut each (cm)		
LOET4FNS816RGB	RGB	3838	120	8x16	12	2,5	€ 16,84	€ 168,43
LOET4FNS612RGB	RGB	3838	108	6x12	15	2,7	€ 16,20	€ 162,00

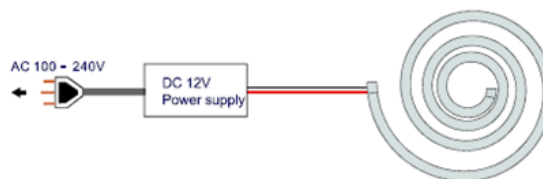
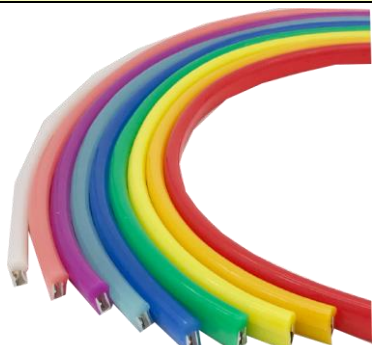
LOET4FNS612RGB			
LOET4FNS612EC00	10 pcs. package of caps with hole	€ 6,00	
LOET4FNS612EC	10 pcs. package of caps without hole	€ 6,00	
LOET4FNS612MC	10 pcs. package of metal clips	€ 6,60	



Use only original clips on tubes led flex

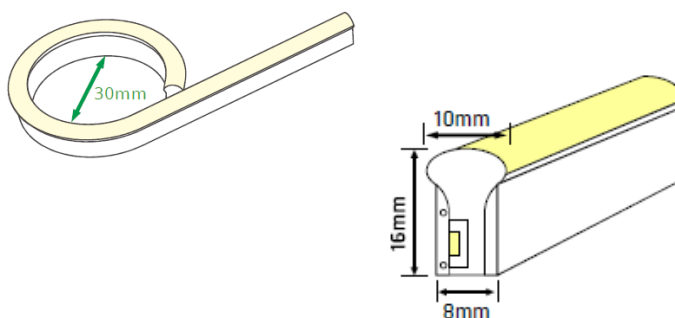
ECO Led®

LED FLEX TUBES





 WARRANTY
2
 YEARS

ECOLED TUBE LED FLEX 8x16 PVC

Light source of 120 LED/m.
 IP67 protection if wired correctly.
 Indoor use.
 Every 5 cm can be cut along the mark besides.
 Minimum bend radius: 30 mm.
 2 Years Warranty.

Ask to us the installation data sheet.


SPECIAL PRICE - PHASE OUT

Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET3FN816IB	Red		120	8x16	10	10	€ 11,00	€ 110,00
LOET3FN816B	Blue	465-475 nm	120	8x16	10	10	€ 11,00	€ 110,00
LOET3FN816G	Green	520-530 nm	120	8x16	110	10	€ 11,00	€ 110,00
LOET3FN816Y	Yellow		120	8x16	50	10	€ 11,00	€ 110,00

Accessories Code	Description	€/Pack.	Image
LOET3FN816EC	10 pcs. package of caps without hole	€ 6,00	
LOET3FN816MC	10 pcs. package of plastic clips	€ 6,00	
LOET3FN816ECX	10 pcs. package of coloured end caps	€ 4,00	
LOET3FN816PC	Power cord	€ 3,00	



Use only original clips on tubes led flex

TRIDONIC

LED STRIP



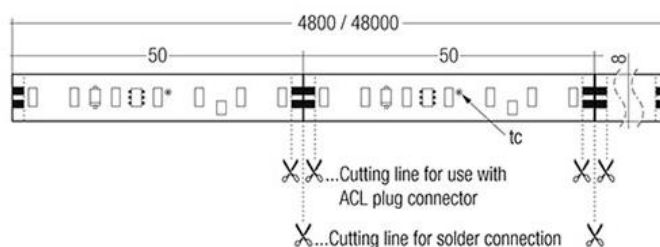
Max. length of connected series units: 4,8 m





TALEX LLE FLEX G1 ESSENCE

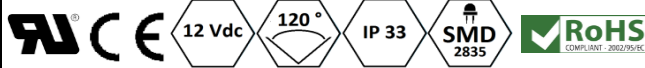
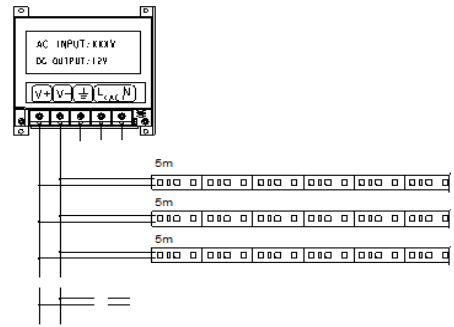
Dimmable 24 V constant voltage strip LED (SELV).
 Ideal for various decorative lighting applications: facade accent lighting, ceiling integration, cove lighting and for aluminium extrusions.
 High design freedom due to 5 cm cut-options.
 Pitch distance of 8,3 mm enables high light homogeneity.
 Self-adhesive 3M tape at the backside for simple mounting on different surfaces.
 PCB to PCB and wire to PCB connectors for toolless handling and connection.
 Long life-time up to 50.000 hours.
 5 Years Warranty.

PROMOTION LAST PIECES AT SPECIAL PRICE



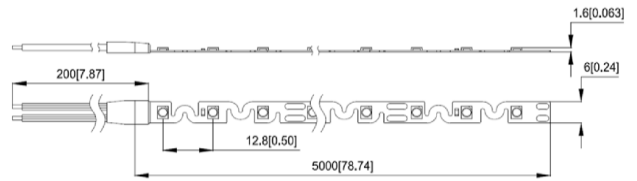
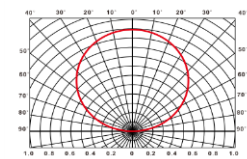
Code	Description						€/m	€/Roll 4,8 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOZLLES120830	Warm White	3.000 K	120	8x4.800	1200	10	€ 10,94	€ 52,50
LOZLLES120840	Neutral White	4.000 K	120	8x4.800	1200	10	€ 10,94	€ 52,50
LOZLLES180830	Warm White	3.000 K	120	8x4.800	1800	14	€ 11,46	€ 55,00

Accessories Code	Description	€/Pack.	Image
LOZLLEPCB30	10 pcs. package of PCB connectors with cable 30 cm max length	€ 33,41	
LOZLLEPCBPCB	25 pcs. package of PCB/PCB connectors	€ 65,33	

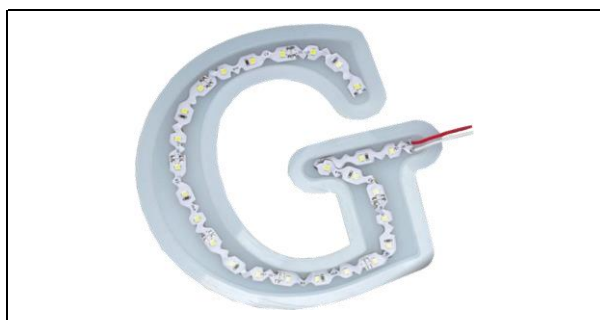


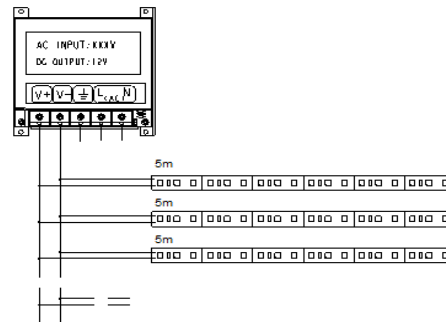
ECOLED FLEX 3D

Adjustable LED strip.
Minimum bending diameter: 2 cm.
With double-sided tape on the back.
Tropicalized, not siliconed, white structure.
IP33 protection.
Can be cut every 3 LED. (4 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 60 °C.
3 Years Warranty.



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL3DN5	Daylight	6.000-7.000 K	72	6x5.000	790	8,64	€ 6,00	€ 30,00
LOEFL3DNWN5	Neutral White	4.000-4.500 K	72	6x5.000	790	8,64	€ 6,00	€ 30,00
LOEFL3DWWN5	Warm White	2.700-3.300 K	72	6x5.000	790	8,64	€ 6,00	€ 30,00





Max. length of connected series units: 5 m

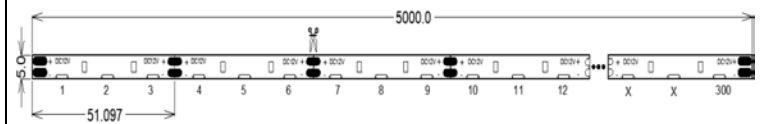


ECOLED FLEX SIDE

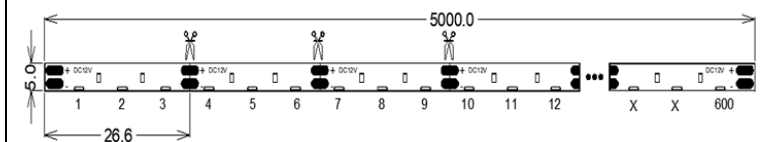
Strip LED side.
With double-sided tape on the back. White structure.
IP64 protection.
Can be cut every 3 LED. (5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.

LOHFLSPW603014

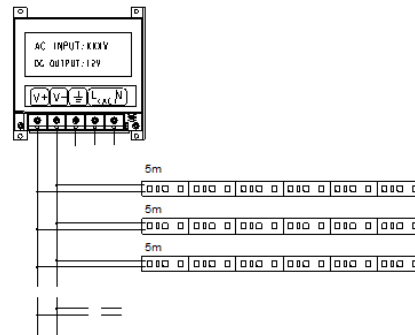
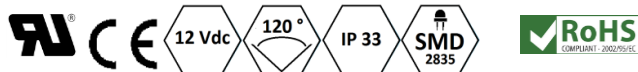


LOHFLSPW1203014



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOHFLSPW603014	Daylight	6.000-7.000 K	60	5x5.000	440	4,80	€ 10,00	€ 50,00
LOHFLSPWW603014	Warm White	2.700-3.300 K	60	5x5.000	440	4,80	€ 10,00	€ 50,00
LOHFLSPW1203014	Daylight	6.000-7.000 K	120	5x5.000	800	9,60	€ 12,80	€ 64,00



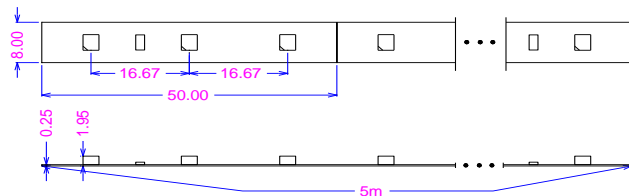
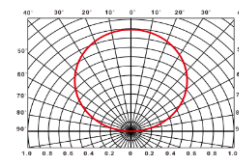


Max. length of connected series units: 5 m




ECOLED SMD FLEX HE - IP33 - 60 led/m.

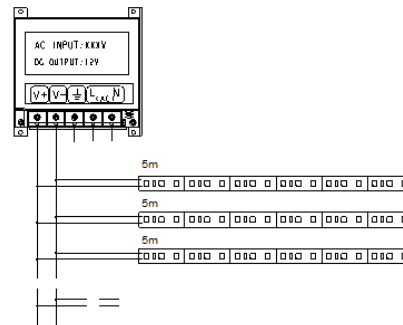
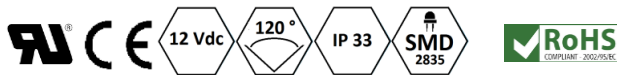
Strip LED ideal for straight and curved surfaces.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 3 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because
 UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLNW060HE	Daylight	6.000-7.000 K	60	8x5.000x1,95	450	3	€ 3,00	€ 15,00
LOEFLNWN060HE	Neutral White	4000-4500 K	60	8x5.000x1,95	450	3	€ 3,00	€ 15,00
LOEFLNWW060HE	Warm White	2800-3200 K	60	8x5.000x1,95	450	3	€ 3,00	€ 15,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



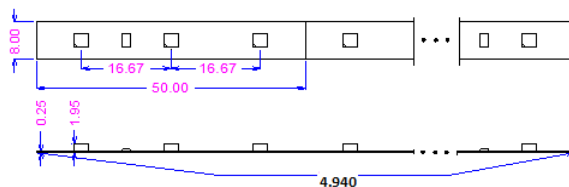
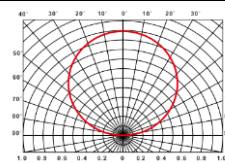
Max. length of connected series units: 5 m



ECOLED FLEX 60 SMD 2835 IP33

Strip LED ideal for straight and curved surfaces.
 With double-sided tape on the back.
 Resinated, white structure.
 IP33 protection.
 Can be cut every 3 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.



Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).

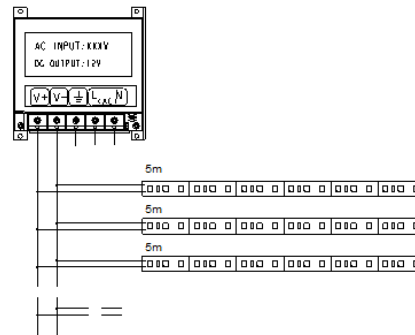
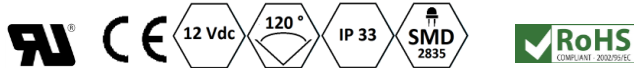


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLRN	Red	620-635 nm	60	8x4.940x2	140	6	€ 4,00	€ 20,00
LOEFLBN	Blue	463-475 nm	60	8x4.940x2	75	6	€ 4,00	€ 20,00
LOEFLGN	Green	512-528 nm	60	8x4.940x2	300	6	€ 4,00	€ 20,00
LOEFLYN	Amber	584-595 nm	60	8x4.940x2	185	6	€ 4,00	€ 20,00

LOWERED PRICES - phase out

Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLNWN2835	Neutral White	4.000-4.500 K	60	8x4.940x2	450	6	€ 2,40	€ 12,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



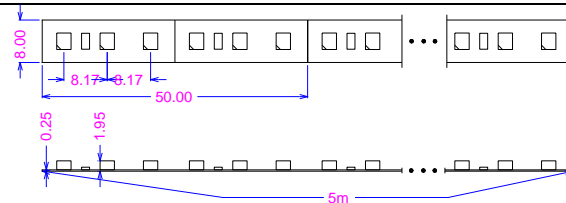
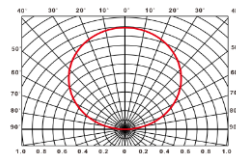
Max. length of connected series units: 5 m





ECOLED SMD FLEX HE - IP33 - 120 led/m.

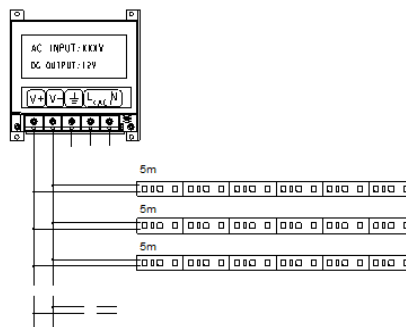
Strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 IP33 protection.
 Can be cut every 3 LED. (2,5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).

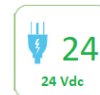


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLNW120HE	Daylight	6.000-7.000 K	120	8x5.000x1,95	780	5,2	€ 5,20	€ 26,00
LOEFLNNW120HE	Neutral White	4000-4500 K	120	8x5.000x1,95	780	5,2	€ 5,20	€ 26,00
LOEFLNWW120HE	Warm White	2800-3200 K	120	8x5.000x1,95	780	5,2	€ 5,20	€ 26,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



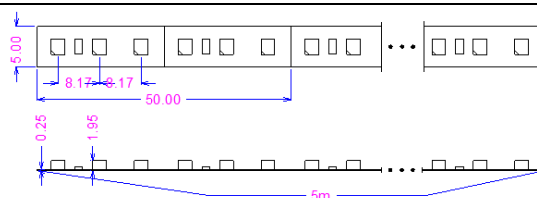
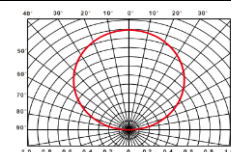
Max. length of connected series units: 5 m



ECOLED SMD FLEX SMART HE - IP33 - 120 led/m.

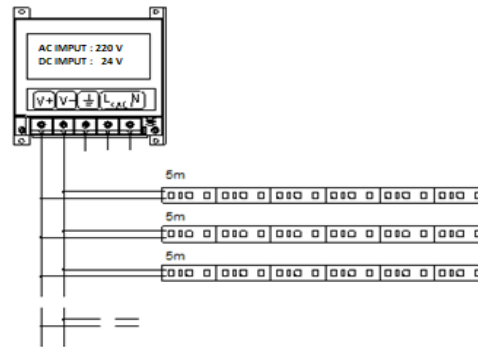
Strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP33 protection.
Can be cut every 3 LED. (2,5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).

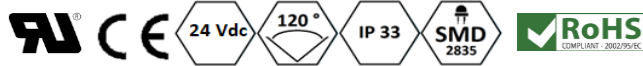


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24W120HE5	Daylight	6.000-7.000 K	120	5x5.000x1,95	1440	9,6	€ 6,80	€ 34,00
LOEFLN24NW120HE5	Neutral White	4.000-4.300 K	120	5x5.000x1,95	1440	9,6	€ 6,80	€ 34,00
LOEFLN24WW120HE5	Warm White	2800-3200 K	120	5x5.000x1,95	1440	9,6	€ 6,80	€ 34,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



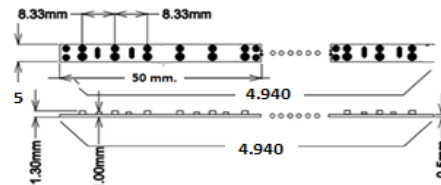
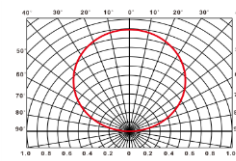
Max. length of connected series units: 5 m



ECOLED FLEX SMART HB 120 IP33

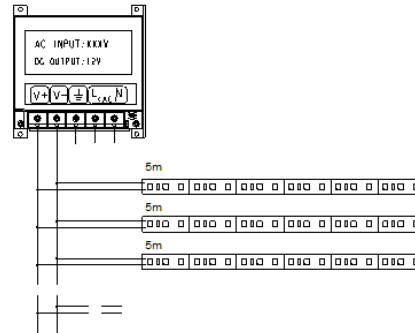
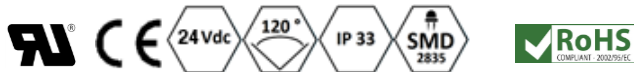
Slim design high brightness strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP33 protection.
Can be cut every 6 LED. (5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOWERED PRICES - phase out								
LOEFLN24120WW5	Warm White	2.700-3.300 K	120	5x4.940x2	1080	9,60	€ 5,50	€ 27,50





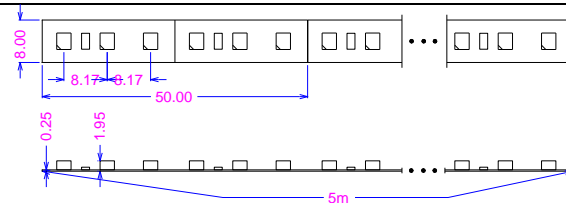
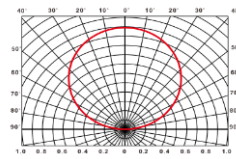
Max. length of connected series units: 5 m





ECOLED SMD FLEX CLASSIC HE - IP33 - 120 led/m.

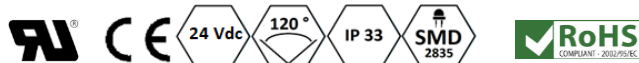
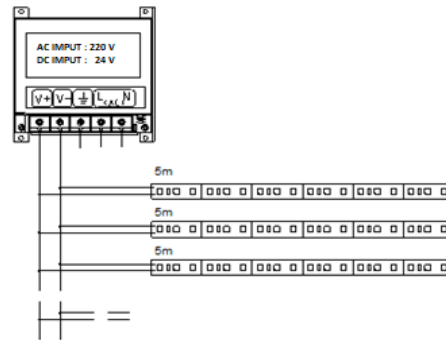
Strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP33 protection.
Can be cut every 3 LED. (2,5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24W120HE	Daylight	6.000-7.000 K	120	8x5.000x1,95	1080	7,2	€ 6,80	€ 34,00
LOEFLN24NW120HE	Neutral White	4000-4500 K	120	8x5.000x1,95	1080	7,2	€ 6,80	€ 34,00
LOEFLN24WW120HE	Warm White	2800-3200 K	120	8x5.000x1,95	1080	7,2	€ 6,80	€ 34,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



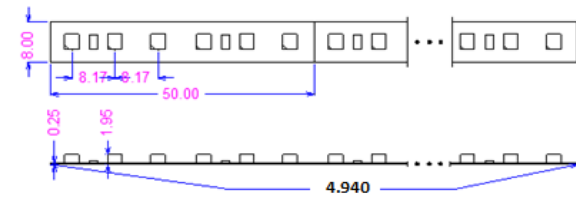
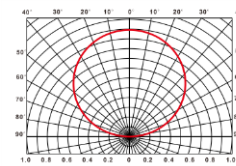
Max. length of connected series units: 5 m





ECOLED FLEX CLASSIC HB 120 IP33

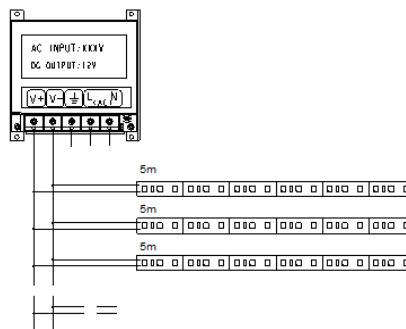
High brightness strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP33 protection.
Can be cut every 6 LED. (5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).

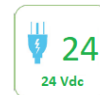


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOWERED PRICES - phase out								
LOEFLN24120WW	Warm White	2.700-3.300 K	120	8x4.940x2	1080	9,60	€ 5,40	€ 27,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



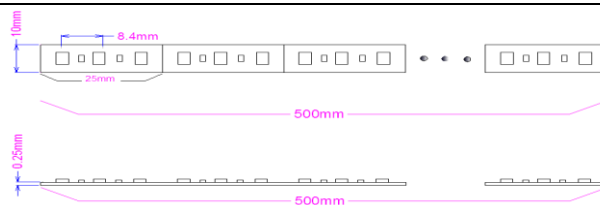
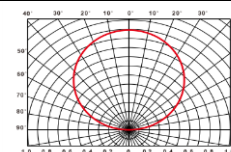
Max. length of connected series units: 5 m



ECOLED SMD FLEX PREMIUM HE - IP33 - 120 led/m.

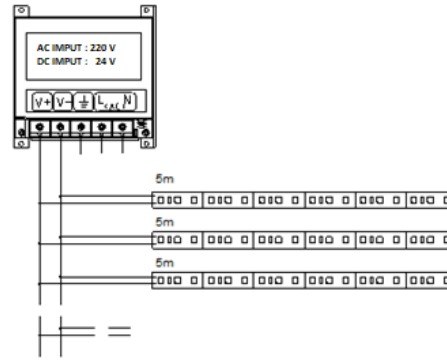
Strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP33 protection.
Can be cut every 3 LED. (2,5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24W120HEP	Daylight	6.000-7.000 K	120	10x5.000x1,95	2000	15	€ 7,80	€ 39,00
LOEFLN24NW120HEP	Neutral White	4000-4500 K	120	10x5.000x1,95	2000	15	€ 7,80	€ 39,00
LOEFLN24WW120HEP	Warm White	2800-3200 K	120	10x5.000x1,95	2000	15	€ 7,80	€ 39,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



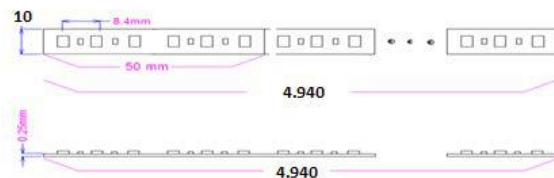
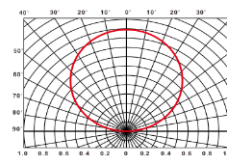
Max. length of connected series units: 5 m





ECOLED FLEX PREMIUM HB 120 IP33

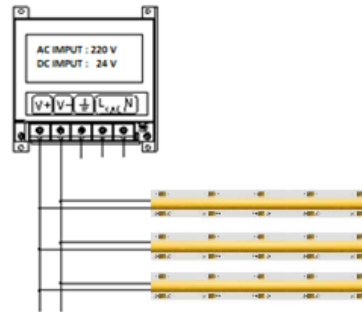
High brightness strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 IP33 protection.
 Can be cut every 6 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOWERED PRICES - phase out								
LOEFLN24120PWW	Warm White	2.700-3.300 K	120	10x4.980x2	1800	19,20	€ 6,20	€ 31,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSDL10	10 pcs. package of 10 mm width strip connectors for indoor use 150 mm cable length	€ 12,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	

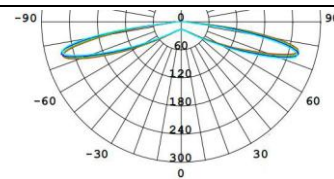


Max. length of connected series units: 5 m

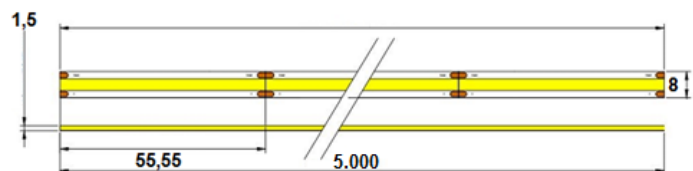

ECOLED FLEX COB 378 LED IP33

High brightness strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 The COB technology produces an uninterrupted light line with a 180° beam angle, no single light dots are visible.
 IP33 protection.
 Can be cut every 55,5 mm.
 Polarity: red = positive - black = negative.
 Working temperature - 25 + 45 °C.
 3 Years Warranty.



Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).



378 LED

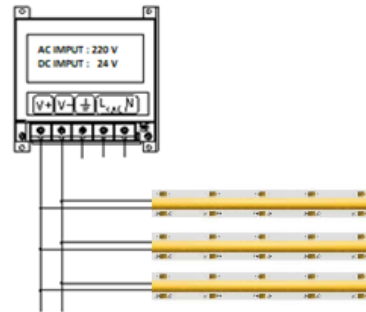
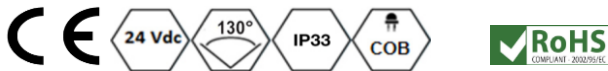


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOWERED PRICES - phase out								
LOEFLN24NW378COB	Neutral White	4.000 K	378	8x5.000x1,5	1.000	10	€ 6,46	€ 32,30
On request colour temperature 2700K								

Accessories Code	Description	€/Pack.	Image
LOEFLZCOBDL08	10 pcs. package of 8 mm width connectors for cable	€ 7,80	
LOEFLZCOBP08	10 pcs. package of 8 mm width connectors	€ 7,80	

ECO[®] Led

LED STRIP

 WARRANTY
3
 YEARS


Max. length of connected series units: 5 m

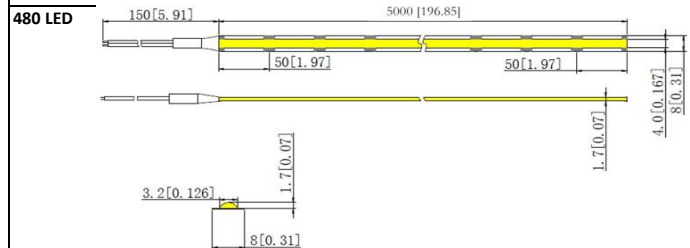
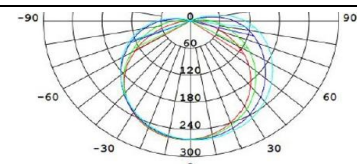

ECOLED FLEX COB 480 LED IP33

High luminosity led strip with a slim design, producing a continuous line of light with a 130° beam angle.

Ideal for the lighting of rectilinear and shaped surfaces, signs with filtering light, displays and PMMA panels, even if less diffusive.



- High-density COB (Chip On Board) leds.
 - Length: 5 m, width: 8 mm with led on one side.
 - The strip can be cut every 50 mm (the cut symbol indicates the exact point where the led strip can be cut without damaging it).
 - Minimum bending diameter: 50 mm.
- Operating temperature -25 °C / +60 °C
 3-year warranty (*)

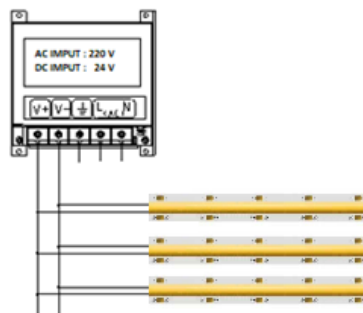
For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature (K)	Nr. LED/m	Dimensions (mm)	Flux (Lumen/m)	Consump. (W/m)		
LOEFLN24W481COB	Daylight	6500	480	5.000 x 8,0 x 1,7	1.000	10	€ 6,08	€ 30,40
LOEFLN24NW481COB	Neutral White	4000	480	5.000 x 8,0 x 1,7	950	10	€ 6,08	€ 30,40
LOEFLN24WW481COB	Warm White	3000	480	5.000 x 8,0 x 1,7	900	10	€ 6,08	€ 30,40

Other color temperatures available on request

Accessories Code	Description	€/Pack.	Image
LOEFLZCOBDL08	10 pcs. package of 8 mm width connectors for cable	€ 7,80	
LOEFLZCOBP08	10 pcs. package of 8 mm width connectors	€ 7,80	



Max. length of connected series units: 5 m

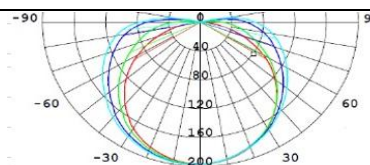
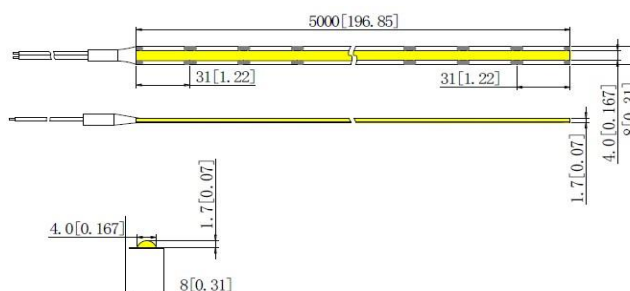

ECOLED FLEX COB 512 LED IP33

High luminosity led strip with a slim design, producing a continuous line of light with a 140° beam angle.



Ideal for the lighting of rectilinear and shaped surfaces, signs with filtering light, displays and PMMA panels, even if less diffusive.

- High-density COB (Chip On Board) leds.
 - Length: 5 m, width: 8 mm with led on one side.
 - The strip can be cut every 31 mm (the cut symbol indicates the exact point where the led strip can be cut without damaging it).
 - Minimum bending diameter: 50 mm.
- Operating temperature -25 °C / +60 °C
 5-year warranty (*)

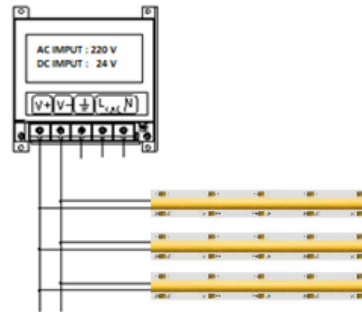
For LED profiles see Ch. 4 (Profiles).


512 LED


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature (K)	Nr. LED/m	Dimensions (mm)	Flux (Lumen/m)	Consump. (W/m)		
LOEFLN24W512COB	Daylight	6500	512	5,000x8.0x1.7	1.200	12	€ 8,48	€ 42,40
LOEFLN24NW512COB	Neutral White	4.000	512	5,000x8.0x1.7	1.200	12	€ 8,48	€ 42,40
Other color temperatures available on request								

Accessories Code	Description	€/Pack.	Image
LOEFLZCOBDL08	10 pcs. package of 8 mm width connectors for cable	€ 7,80	
LOEFLZCOBP08	10 pcs. package of 8 mm width connectors	€ 7,80	

ECO Led
LED STRIP

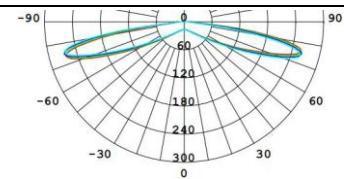
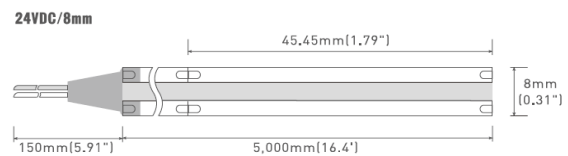
 WARRANTY
3
 YEARS


Max. length of connected series units: 5 m




ECOLED FLEX COB 512 LED IP33
NEW

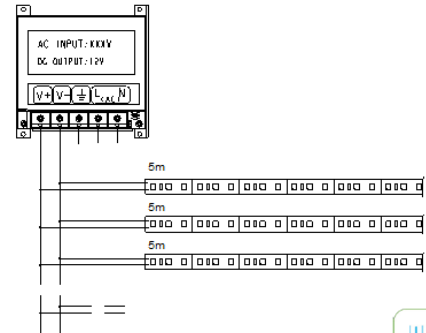
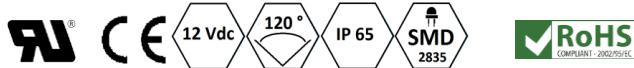
High brightness strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 The COB technology produces an uninterrupted light line with a 180° beam angle, no single light dots are visible.
 IP33 protection.
 Can be cut every 62,5 mm.
 Polarity: red = positive - black = negative.
 Working temperature - 25 + 45 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).


528 LED


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24NW528COB	Neutral White	4.000 K	528	8x5.000x1,5	1.200	10	€ 8,48	€ 42,40
LOEFLN24WW528COB	Warm White	3.000 K	528	8x5.000x1,5	1.200	10	€ 8,48	€ 42,40
On request colour temperature 2700K								
On request other colours (red - green - blue)								

Accessories Code	Description	€/Pack.	Image
LOEFLZCOBDL08	10 pcs. package of 8 mm width connectors for cable	€ 7,80	
LOEFLZCOBP08	10 pcs. package of 8 mm width connectors	€ 7,80	



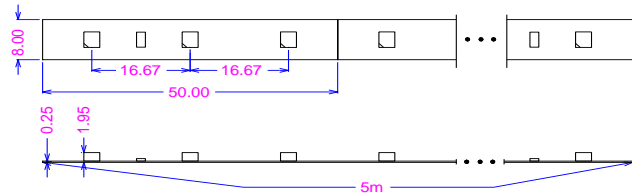
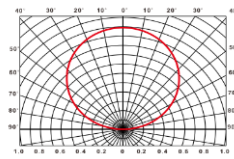
Max. length of connected series units: 5 m





ECOLED SMD FLEX HE - IP65 - 60 led/m.

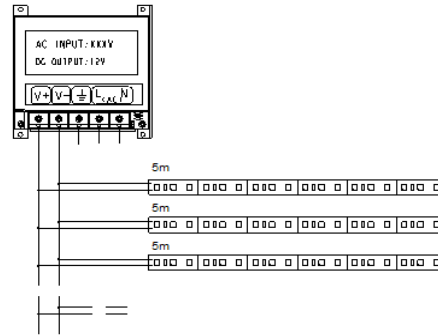
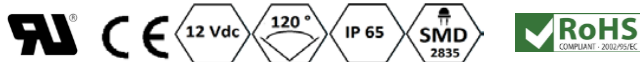
Strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 3 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1W060HE	Daylight	6.000-7.000 K	60	8x5.000x1,95	450	3	€ 4,40	€ 22,00
LOEFL1NW060HE	Neutral White	4000-4500 K	60	8x5.000x1,95	450	3	€ 4,40	€ 22,00
LOEFL1WW060HE	Warm White	2800-3200 K	60	8x5.000x1,95	450	3	€ 4,40	€ 22,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



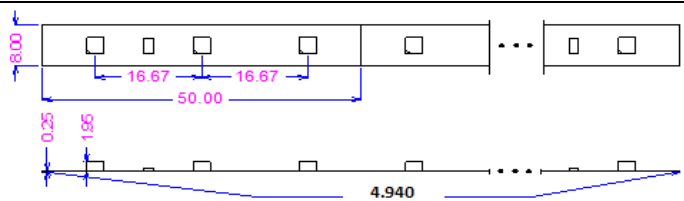
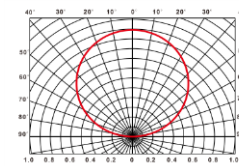
Max. length of connected series units: 5 m



ECOLED FLEX 60 SMD 2835 IP65

Strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 3 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.



Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).

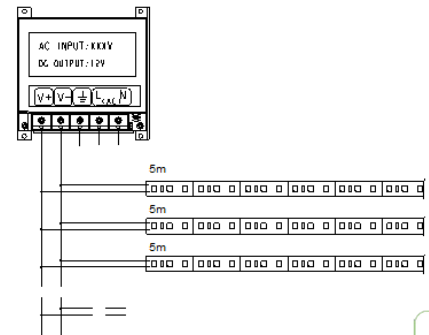


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1R	Red	620-635 nm	60	8x4.940x2	140	6	€ 5,40	€ 27,00
LOEFL1B	Blue	463-475 nm	60	8x4.940x2	75	6	€ 5,40	€ 27,00
LOEFL1G	Green	512-528 nm	60	8x4.940x2	300	6	€ 5,40	€ 27,00
LOEFL1Y	Yellow/Amber	584-595 nm	60	8x4.940x2	185	6	€ 5,40	€ 27,00

LOWERED PRICES - phase out

Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1NW2835	Neutral White	4.000-4.500 K	60	8x4.940x2	450	6	€ 4,30	€ 21,50
LOEFL1WW2835	Warm White	2.700-3.300 K	60	8x4.940x2	450	6	€ 4,30	€ 21,50

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



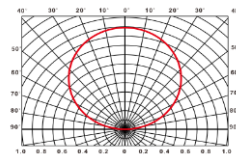
Max. length of connected series units: 5 m



ECOLED SMD FLEX HE - IP65 - 120 led/m.

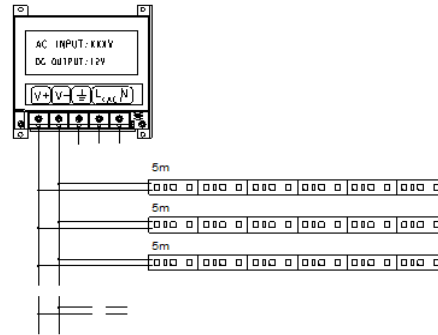
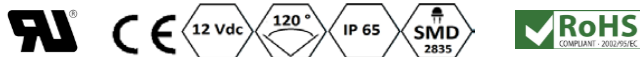
Strip LED.
With double-sided tape on the back.
Resinated, white structure.
IP65 protection.
Can be cut every 3 LED. (2,5 cm)
Polarity: red = positive - black = negative.
Working temperature - 40 + 50 °C.
3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1W120HE	Daylight	6.000-7.000 K	120	8x5.000x1,95	780	5,2	€ 6,40	€ 32,00
LOEFL1NW120HE	Neutral White	4000-4500 K	120	8x5.000x1,95	780	5,2	€ 6,40	€ 32,00
LOEFL1WW120HE	Warm White	2800-3200 K	120	8x5.000x1,95	780	5,2	€ 6,40	€ 32,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	



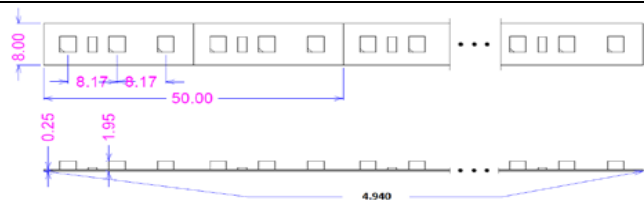
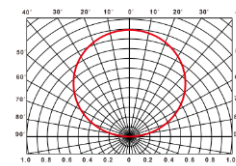
Max. length of connected series units: 5 m





ECOLED FLEX 120 SMD 2835 IP65

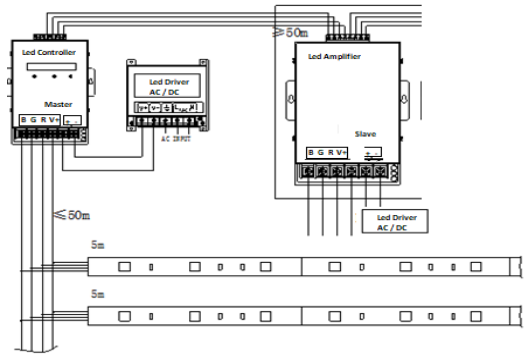
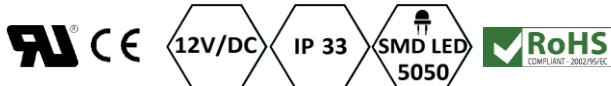
High brightness strip LED.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 3 LED. (5 cm)
 Polarity: red = positive - black = negative.
 Working temperature - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.
 For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOWERED PRICES - phase out								
LOEFL1NW1202835	Neutral White	4.000-4.500 K	120	8x4.940x2	780	9,60	€ 5,10	€ 25,50

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 5,90	

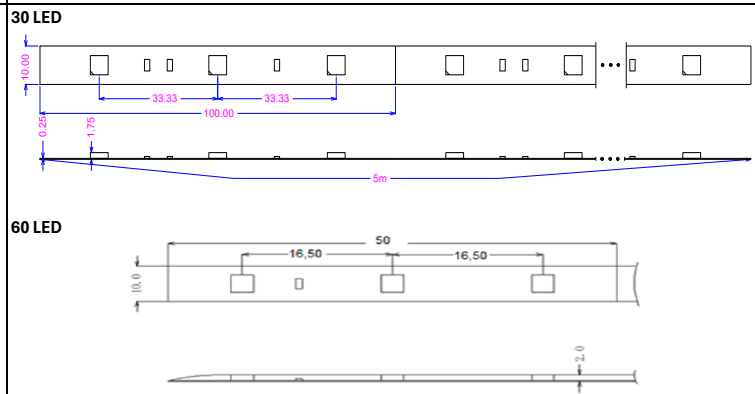


Max. length of connected series units: 5 m.




ECOLED FLEX RGB SMD 5050 IP33

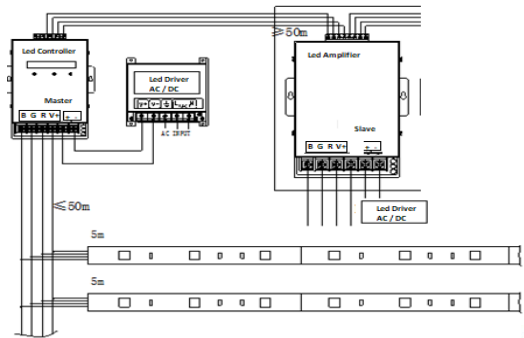
Strip LED RGB.
 Beam angle 120°.
 With double-sided tape on the back.
 Resinated, white structure.
 IP33 protection.
 Can be cut every 6 LED.
 TYPE 30 LED/m. (10 cm)
 TYPE 60 LED/m. (5 cm)
 Polarity: yellow = positive - red = red - green = green - blue = blue.
 Working temperature: - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because
 UV rays could damage the SMD LED (phosphors) and the module case.



Code	Description						€/m.	€/Roll 5 m.
	Colour	Colour Temperature	Nr. LED/m.	Dimensions mm.	Flux Lumen/m.	Consump. W/m.		
LOEFLRGBN <i>phase out</i>	Red	620-630 nm	30	10x4.940x2	150	7,20	€ 5,60	€ 28,00
	Blue	463-475 nm			150			
	Green	520-530 nm			375			
LOEFLRGBN/60	Red	620-630 nm	60	10x4.940x2	300	14,40	€ 8,80	€ 44,00
	Blue	463-475 nm			210			
	Green	520-530 nm			750			

Accessories Code	Description	€/Pack.	Image
LOEFLZCRGBS10	10 pcs. package of 10 mm. width strip power connector for indoor use. 150 mm. cable length.	€ 8,90	
LOEFLZCRGBDL10	10 pcs. package of 10 mm. width strip connectors for indoor use. 150 mm. cable length.	€ 15,00	



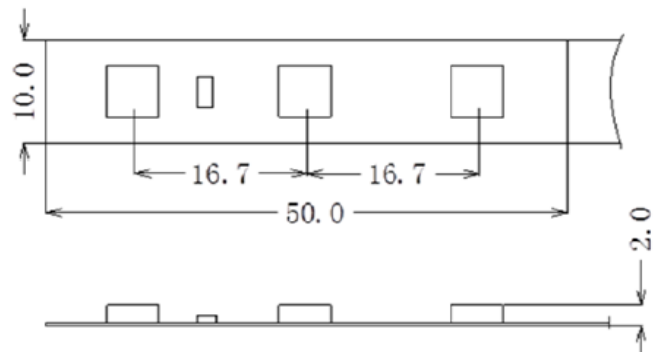
Max. length of connected series units: 5 m





ECOLED FLEX RGB SMD 5050 IP65

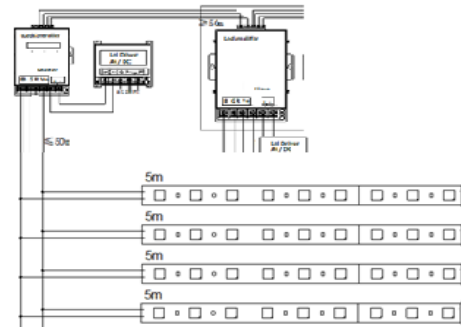
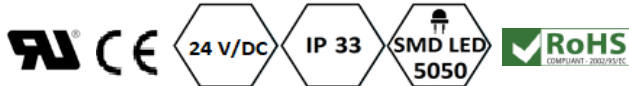
Outdoor strip LED RGB.
 Beam angle 120°.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 3 LED.
 TYPE 60 LED/m. (5 cm)
 Polarity: yellow = positive - red = red - green = green - blue = blue.
 Working temperature: - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1RGB/60	Red	620-630 nm	60	10x4.940x2	300	14,40	€ 9,80	€ 49,00
	Blue	463-475 nm			210			
	Green	520-530 nm			750			

Accessories Code	Description	€/Pack.	Image
LOEFLZCRGBS10	10 pcs. package of 10 mm width strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCRGBDL10	10 pcs. package of 10 mm width strip connectors for indoor use 150 mm cable length	€ 15,00	

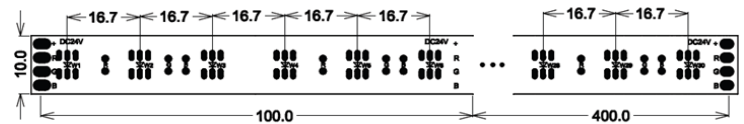


Max. length of connected series units: 5 m




ECOLED FLEX RGB SMD 5050 IP33

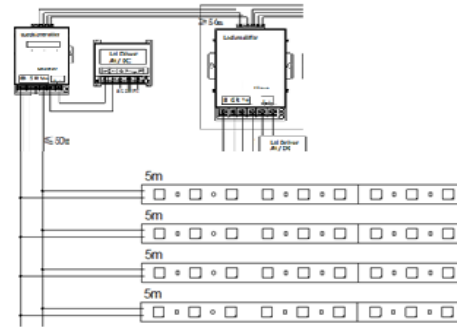
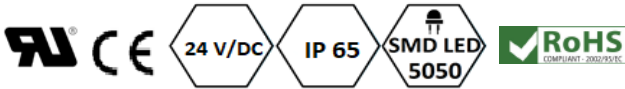
Strip LED RGB.
 Beam angle 120°.
 With double-sided tape on the back.
 Resinated, white structure.
 IP33 protection.
 Can be cut every 6 LED.
 TYPE 60 LED/m. (5 cm)
 Polarity: yellow = positive - red = red - green = green - blue = blue.
 Working temperature: - 40 + 50 °C.
 3 Years Warranty.

Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLRGBN/6024	Red	620-630 nm	60	10x4.940x2	300	14,40	€ 9,00	€ 45,00
	Blue	463-475 nm			210			
	Green	520-530 nm			750			

Accessories Code	Description	€/Pack.	Image
LOEFLZCRGBS10	10 pcs. package of 10 mm width strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCRGBDL10	10 pcs. package of 10 mm width strip connectors for indoor use 150 mm cable length	€ 15,00	



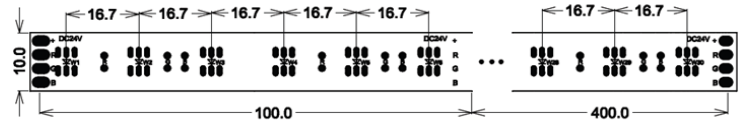
Max. length of connected series units: 5 m





ECOLED FLEX RGB SMD 5050 IP65

Outdoor strip LED RGB.
 Beam angle 120°.
 With double-sided tape on the back.
 Resinated, white structure.
 IP65 protection.
 Can be cut every 6 LED.
 TYPE 60 LED/m. (5 cm)
 Polarity: yellow = positive - red = red - green = green - blue = blue.
 Working temperature: - 40 + 50 °C.
 3 Years Warranty.






















Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1RGB/6024	Red	620-630 nm	60	10x4.940x2	300	14,40	€ 10,00	€ 50,00
	Blue	463-475 nm			210			
	Green	520-530 nm			750			

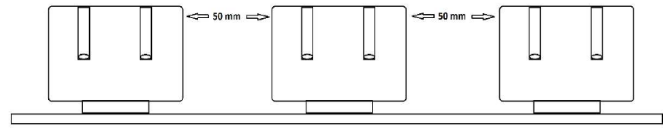
Accessories Code	Description	€/Pack.	Image
LOEFLZCRGBS10	10 pcs. package of 10 mm width strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCRGBDL10	10 pcs. package of 10 mm width strip connectors for indoor use 150 mm cable length	€ 15,00	

LED ACCESSORIES

Code	Description 	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip LED power connector for indoor use 150 mm cable length	€ 6,50	
LOEFLZCRGBS10	10 pcs. package of 10 mm width RGB strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCSDL10	10 pcs. package of 10 mm width strip LED connectors for indoor use 150 mm cable length	€ 12,30	
LOEFLZCRGBDL10	10 pcs. package of 10 mm Width RGB strip connectors for indoor use 150 mm cable length	€ 15,00	
LOEBARCON	Package of 10 pcs. LED bar couple connectors with 10 cm cable length	€ 5,90	
LOEFLZCON	14-22 AWG light grey Spring Cap connector	€ 0,04	
LOEP2X0,35	Bipolar Red/Black wire 2x0,35, for electrical connections and power supply Max current 1,5 A 100 m package	€ 50,00	
LOEP2X0,50	Bipolar Red/Black wire 2x0,50, for electrical connections and power supply Max current 2 A 100 m package	€ 60,00	
LOEP2X0,75	Bipolar Red/Black wire 2x0,75, for electrical connections and power supply Max current 3 A 100 m package	€ 77,00	
LOEP2X1,00	Bipolar Red/Black wire 2x1,00, for electrical connections and power supply Max current 4 A 100 m package	€ 110,00	
LOEP2X1,50	Bipolar Red/Black wire 2x1,50, for electrical connections and power supply Max current 6 A 100 m package	€ 154,00	
LOEP2X0,50TR	Bipolar Transparent wire 2x0,50, for electrical connections and power supply Max current 2 A 100 m package	€ 90,00	
LOEP2X0,75TR	Bipolar Transparent wire 2x0,75, for electrical connections and power supply Max current 3 A 100 m package	€ 150,00	
LOZ3MUY2	100 pcs. package of butt splice 3M connectors The UY2's 2 ports accept any 2 solid copper conductor Maximum tolerable current 1,5 A	€ 19,34	
LOZ3MUR2	100 pcs. package of butt splice 3M connectors Its 3 ports accept 2 or 3 conductors for butt splicing Maximum tolerable current 1,5 A	€ 40,00	
LOZ3MUB2A	100 pcs. package of 3M UB2A connectors. It permits tapping directly onto an existing conductor without interrupting service Maximum tolerable current 1,5 A	€ 49,86	
LOEF0002	Protective case for strip led 20 m package	€ 27,00	
LOEF0003	10 pcs. package of closing caps for protective case	€ 1,10	
LOJ08110	10 way distributor white 12/24 V Max current 6 A	€ 4,06	
LOJ08108	Fast male/male cable for distributor 1,5 m Max current 3 A	€ 1,88	

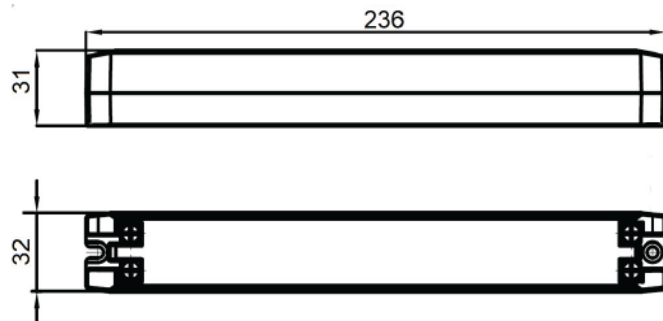


RoHS COMPLIANT MADE IN ITALY IP 20 SELV CE



VIRGO LED POWER SUPPLY IP20

12V and 24V LED power supply.
Suitable for signs LED strip and modules.
Very thin case, making the Virgo ideal to be installed in small and narrow profiles.
Epoxy resin case.
Protections built in: OLP (Over Load), OVP (Over Voltage), SCP (Short Circuit).
Constant voltage, SELV, flickering free.
Internal protection up to 1kV (line-neutral).
Low output modulation.
Dimmable with external accessories.
Working temperature - 30 + 50 °C.
5 Years Warranty.

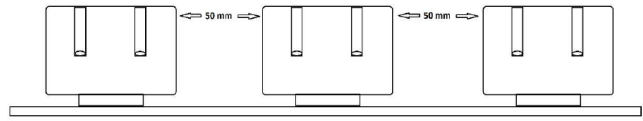


PHASE OUT

Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAV03012	220-240	20	12	30	50/60	236x32x31	0,47	€ 18,90
LOFAV06024	220-240	20	24	60	50/60	236x32x31	0,48	€ 26,10



RoHS COMPLIANT MADE IN ITALY **IP 20 SELV**

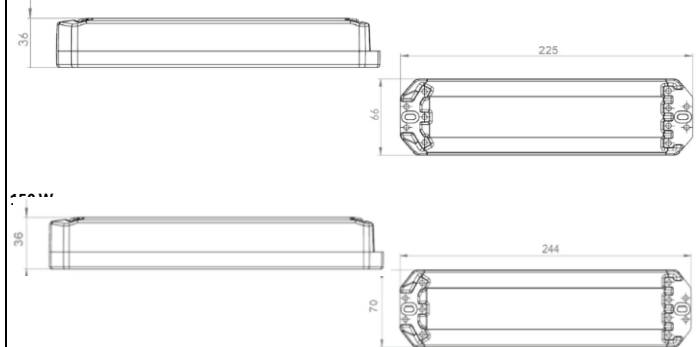


SAGIT LED DRIVER IP20

12V, 24V and 48V LED driver.
Suitable for signs LED strip and modules.
Equipped with PFC and over-temperature-protection, making the Sagit ideal to be installed in lighting projects and on particular surfaces. (flammable, piece of furniture, etc.) Epoxy resin case.
Protections built in: OLP (Over Load), OVP (Over Voltage), SCP (Short Circuit), OTP (Over Temperature).
Constant voltage, SELV, long life, flickering free.
Internal protection up to 3kV (line-neutral).
Low output modulation. Dimmable with external accessories.
Working temperature - 30 + 50 °C.
7 Years Warranty.

NEW POWERS AND VOLTAGES

80/100 W



PHASE OUT

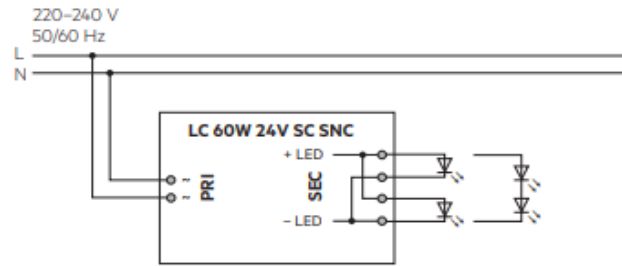
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAS06012	120-240	20	12	60	50/60	225x66x36	1,05	€ 33,56
LOFAS10012	120-240	20	12	100	50/60	225x66x36	1,05	€ 39,01
LOFAS15012	120-240	20	12	150	50/60	244x70x36	1,15	€ 51,04
LOFAS06024	120-240	20	24	60	50/60	225x66x36	1,05	€ 33,56
LOFAS10024	120-240	20	24	100	50/60	225x66x36	1,05	€ 39,01
LOFAS15024	120-240	20	24	150	50/60	244x70x36	1,15	€ 51,04

TRIDONIC

INDOOR LED POWER SUPPLIES



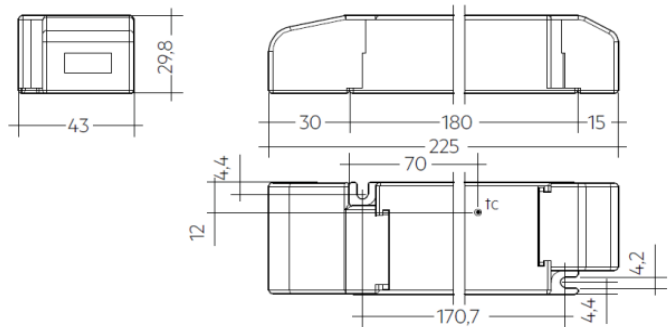
IP20 SELV                RoHS



CONVERTER ESSENCE IP20

Constant voltage LED Driver.
 Ideal for cove lighting, facade accent lighting and ceiling integration applications.
 Output voltage 24 Vdc.
 Dimmable via PWM LED dimmers.
 Nominal life-time up to 50.000 h.
 Small design with stretched-compact strain relief.
 5 Years Warranty.

LOZK060/24ES



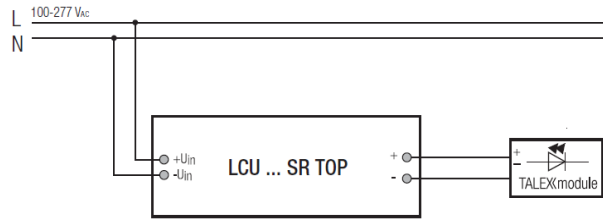
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK035/24ES	220-240	20	24	35	50/60	142x43x29,8	0,13	ON DEMAND
LOZK060/24ES	220-240	20	24	60	50/60	225x43x29,8	0,18	ON DEMAND
LOZK100/24ES	220-240	20	24	100	50/60	295x43x29,8	0,22	ON DEMAND
LOZK200/24ES	220-240	20	24	200	50/60	325x43x29,8	0,35	ON DEMAND

TRIDONIC

INDOOR LED POWER SUPPLIES



IP20 SELV Class 2     

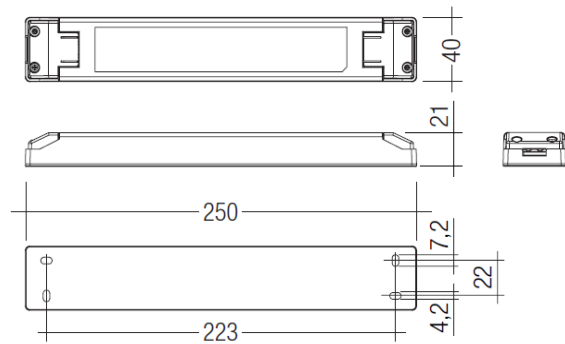


TALEX CONVERTER LCU IP20

ON DEMAND

Constant voltage LED Driver.
 Universal input voltage range.
 Overtemperature and overload protection.
 Short-circuit shutdown feature with automatic restart.
 Protection class II, SELV.
 Nominal life-time up to 50.000 h
 (at 45 °C with a failure rate $\leq 0.2\%$ per 1,000 h).
 Small design with white plastic casing.
 Push terminals for simple wiring.
 5 Years Warranty.

LOZK060/12IP20

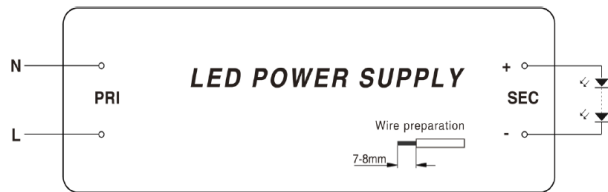


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK060/24IP20	100-240	20	24	60	50/60	242,6x52x32	0,28	ON DEMAND
LOZK100/24IP20	120-240	20	24	96	50/60	236,6x60x34	0,34	ON DEMAND
LOZK180/24IP20	120-240	20	24	180	50/60	280x64x31	0,85	ON DEMAND



INDOOR LED POWER SUPPLIES

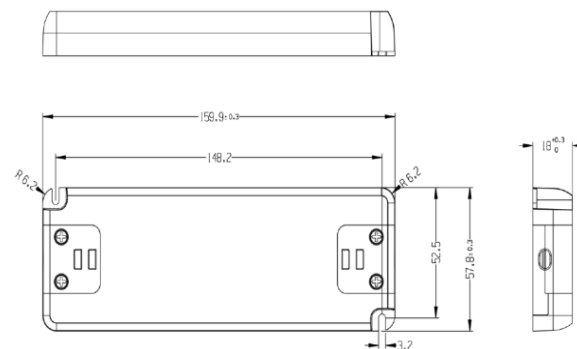
WARRANTY
2
 YEARS



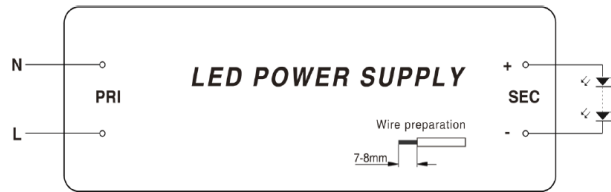
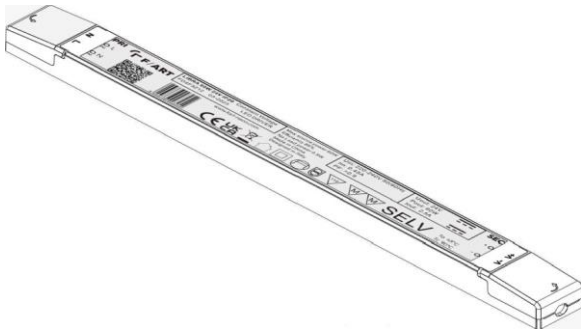
SNAPPY SLIM SERIES IP20

Constant voltage LED Driver.
 Ideal for furniture, mirror and cabinet lighting.
 Open circuit, short circuit, overload and auto recovery.
 SELV.
 Nominal life-time up to 30.000 h.
 Small design with plastic casing.
 2 Years Warranty.

LONASN50



Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONASN20	200-240	20	12	20	50/60	103x35x16	0,07	€ 9,90
LONASN30	200-240	20	12	30	50/60	156x50x17	0,15	€ 15,00
LONASN50	200-240	20	12	50,4	50/60	160x58x18	0,17	€ 19,40
LONASN2024	200-240	20	24	20	50/60	103x35x16	0,07	€ 9,90
LONASN3024	200-240	20	24	30	50/60	156x50x17	0,15	€ 13,18
LONASN6024	200-240	20	24	60	50/60	160x58x18	0,17	€ 16,50



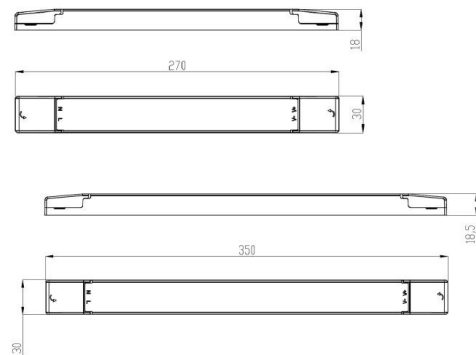
CE UK CA 110 M M SELV



LIBRA LED DRIVER IP20

LED driver with low and constant voltage.
 Ideal for lighting applications with limited space, furniture and light boxes.
 Overtemperature, overload and short-circuit protection, SELV.
 Flicker-free
 Dimmable with external accessories
 Low output ripple
 Integrated PFC
 Nominal service life of max. 50,000 h.
 Slim design, plastic housing.
 2-year warranty.

LOFAL07512

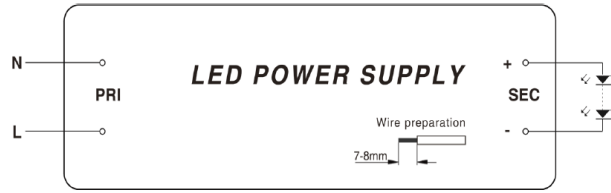
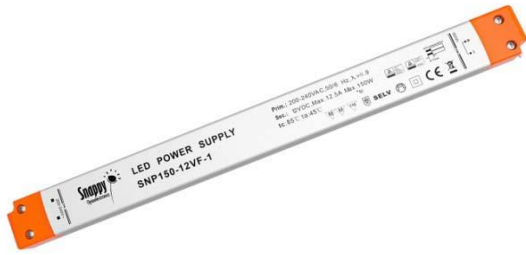


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAL03012	220-240	20	12	30	50/60	270x30x18	0,25	€ 13,40
LOFAL06012	220-240	20	12	60	50/60	270x30x18	0,25	€ 18,30
LOFAL07512	220-240	20	12	75	50/60	350x30x18,5	0,4	€ 23,00
LOFAL10012	220-240	20	12	100	50/60	350x30x18,5	0,4	€ 27,00
LOFAL15012	220-240	20	12	150	50/60	350x30x18,5	0,4	€ 31,00
LOFAL03024	220-240	20	24	30	50/60	270x30x18	0,25	€ 13,40
LOFAL06024	220-240	20	24	60	50/60	270x30x18	0,25	€ 18,30
LOFAL07524	220-240	20	24	75	50/60	350x30x18,5	0,4	€ 23,00
LOFAL10024	220-240	20	24	100	50/60	350x30x18,5	0,4	€ 27,00
LOFAL15024	220-240	20	24	150	50/60	350x30x18,5	0,4	€ 31,00



INDOOR LED POWER SUPPLIES

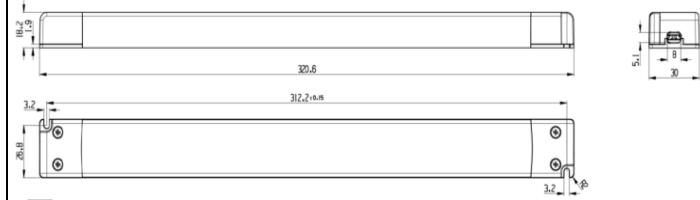
WARRANTY
2
YEARS



SNAPPY LINE TYPE SERIES IP20

Constant voltage LED Driver.
Ideal for the limited space lighting applications, it has advantages in cabinet, furniture and light box applications.
Open circuit, short circuit, overload and auto recovery.
SELV.
Nominal life-time up to 30.000 h.
Small and thin design with plastic casing.
2 Years Warranty.

LONASN100LT

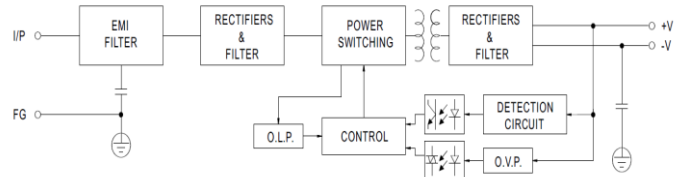


Code	Description							Price €/pcs.
	Primary Voltage VAC	IP Class	Secondary Voltage VDC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONASN075LT	200-240	20	12	75	50/60	304,6x30x16,7	0,2	ON DEMAND
LONASN100LT	200-240	20	12	100	50/60	312x27x18	0,24	€ 37,00
LONASN150LT	200-240	20	12	132	50/60	322,6x30x21,5	0,35	€ 42,20
LONASN100LT24	200-240	20	24	100	50/60	312x27x18	0,24	€ 32,80
LONASN150LT24	200-240	20	24	150	50/60	322x30x21,5	0,35	ON DEMAND
LONASN200LT24	200-240	20	24	200	50/60	322,6x26,5x21,5	0,37	€ 63,80
LONASN240LT24	200-240	20	24	240	50/60	356x32,1x22,3	0,38	€ 67,20



INDOOR LED POWER SUPPLIES

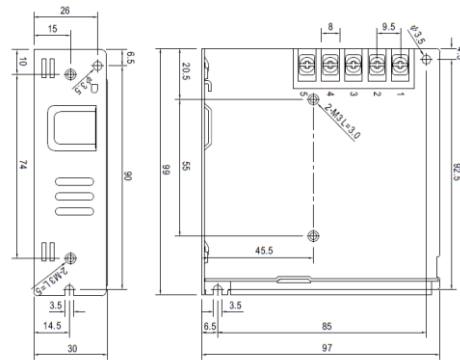
WARRANTY
3
 YEARS



MEAN WELL SWITCHING RS/LRS IP20

Constant voltage LED Driver.
 Universal AC input.
 Ideal for industrial automation machinery and household appliances.
 Short circuit, overload and over voltage protection.
 High operating temperature + 70 °C.
 LED indicator for power on.
 NO SELV, the manufacturer stated that these power supplies are not suitable for lighting applications in european countries.
 3 Years Warranty.

LONA075LRS

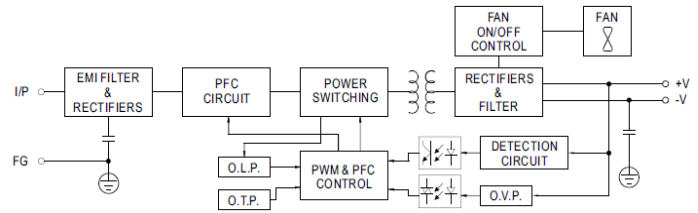


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA075LRS	85-264	20	12	72,00	47/63	99x97x30	0,30	€ 17,10
LONA100LRS	85-264	20	12	102,00	47/63	129x97x30	0,34	€ 19,36
LONA150LRS	85-264	20	12	150,00	47/63	159x97x30	0,48	€ 24,20
LONA075LRS24	85-264	20	24	76,80	47/63	99x97x30	0,30	€ 15,70
LONA100LRS24	85-264	20	24	108,00	47/63	129x97x30	0,34	€ 17,50
LONA150LRS24	85-264	20	24	156,00	47/63	159x97x30	0,48	€ 21,30



INDOOR LED POWER SUPPLIES

WARRANTY
3
YEARS

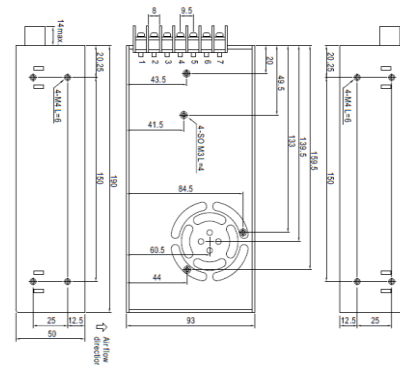


MEAN WELL SWITCHING SP IP20

Constant voltage LED Driver.
Universal AC input.
Ideal for industrial automation machinery.
Short circuit, overload, over voltage and over temperature protection.
High operating temperature + 70 °C.
LED indicator for power on.
NO SELV, the manufacturer stated that these power supplies are not suitable for lighting applications in european countries.
3 Years Warranty.

PHASE OUT

LONA240SP



Code	Description							Price €/pcs.
	Primary Voltage VAC	IP Class	Secondary Voltage VDC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA240SP	88-264	20	12	150	47/63	200x100x50	0,80	€ 57,20



INDOOR LED POWER SUPPLIES

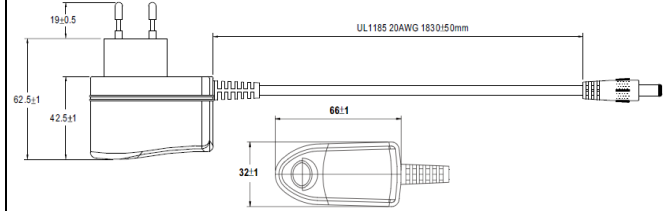
WARRANTY
3
YEARS



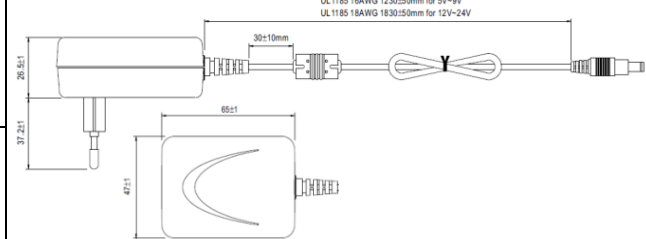
MEAN WELL PLUG-IN IP20

Indoor power supplies.
Universal AC input.
Short circuit, overload over voltage and over temperature protection.
NO SELV.
2 Years Warranty.

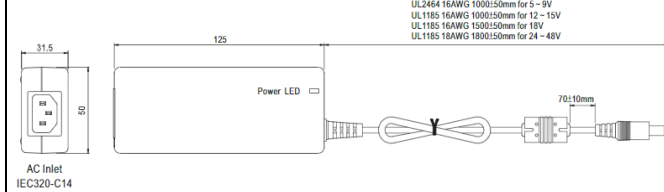
LONAS06



LONAS25



LONAS60



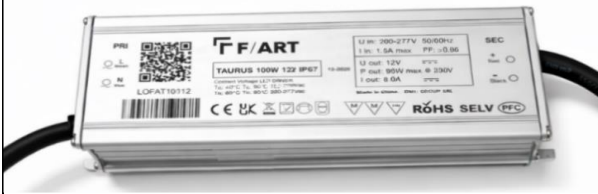
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Marks	
LONAS06 PHASE OUT	90-264	20	12	6	47/63	32x66x42,5		€ 14,70
LONAS2524	90-264	20	24	25	47/63	79x54x33		€ 19,92
LONAS36	90-264	20	12	36	47/63	79x54x33		€ 26,56
LONAS60	90-264	20	12	60	47/63	125x50x31,5		€ 22,20

* Without cable, to be purchased with code: LOJ08106

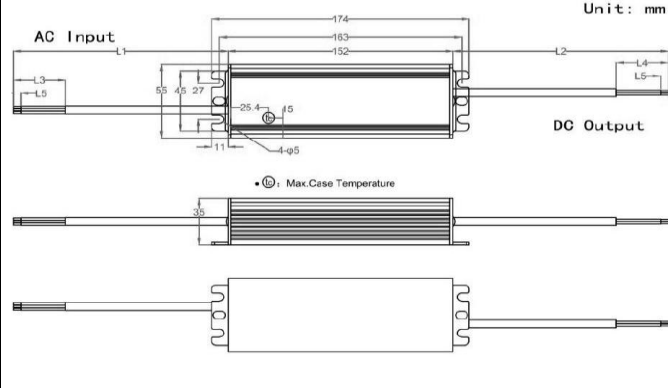
IP20 PLUG-IN POWER SUPPLY

LONAS12	90-264	20	12	12	47/63	65x47x26,5		€ 7,80
LONAS25	90-264	20	12	25	47/63	79x54x33		€ 13,90

Accessories Code	Description	€/Pack.	Image
LONAJACK	Female jack	€ 2,02	
LONAJACKSA	Fast jack female connector	€ 2,00	
LONAJACKSA	Fast jack female connector	€ 4,98	



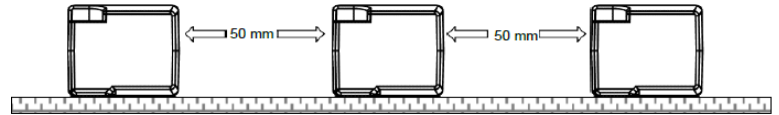
CE UK CA RoHS SELV IP 67



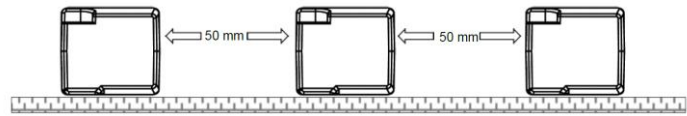
12
12 Vdc

TAURUS LED DRIVER IP67

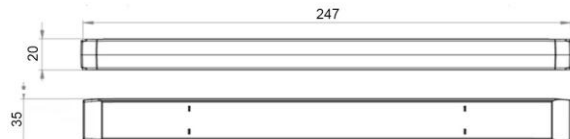
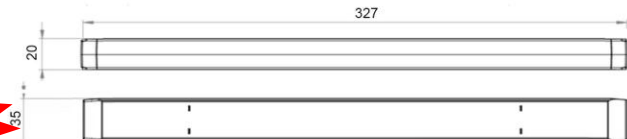
- Constant voltage
- Suitable for outdoor use (IP 67)
- Low inrush current
- Power factor correction (PFC built in)
- Compatible with external dimmers
- Low output ripple
- No flickering
- Surge protection up to 10 kV
- Lifespan > 100,000 hours
- 7-year warranty.



Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAT10012	100-277	67	12	100	50/60	175 x 55 x 35	0,6	€ 27,80

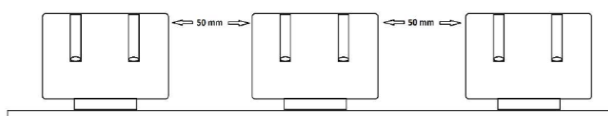

 CE UK CA           **SELV**
 **IP 67**

METAL-LIBRA LED DRIVER IP67

Constant voltage
 Suitable for outdoor use (IP 67)
 Low inrush current
 Power factor correction (PFC built in)
 Dimmable with external accessories
 Low output ripple
 No flickering
 Surge protection up to 2kV
 Lifespan > 50,000 hours
 5-year warranty.

30/60 W

100/150 W


**PREZZO
RIBASSATO**

Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFML03012	220-240	67	12	30	50/60	247x35x20	0,36	€ 16,50
LOFML03024	220-240	67	24	30	50/60	247x35x20	0,36	€ 16,50
LOFML06012	220-240	67	12	60	50/60	247x35x20	0,36	€ 18,80
LOFML06024	220-240	67	24	60	50/60	247x35x20	0,36	€ 18,80
LOFML10012	220-240	67	12	100	50/60	327x35x20	0,46	€ 28,70
LOFML10024	220-240	67	24	100	50/60	327x35x20	0,46	€ 28,70
LOFML15012	220-240	67	12	150	50/60	327x35x20	0,46	€ 32,60
LOFML15024	220-240	67	24	150	50/60	327x35x20	0,46	€ 32,60



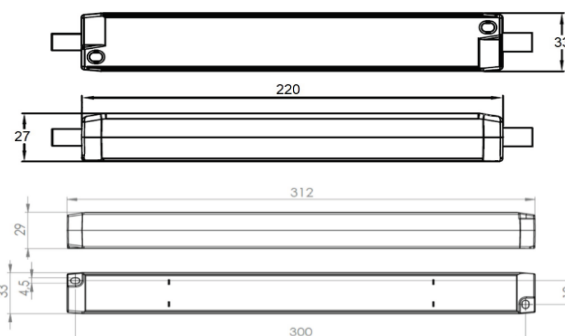
RoHS MADE IN ITALY IP 68 SELV CE M M 110

VIRGO LED DRIVER IP68

NEW
 12V, 24V and 48V LED Driver.
 Suitable for LED stripes and modules, in signs and lighting.
 Very thin case, making the Virgo ideal to be installed in small and narrow profiles.
 Suitable outdoor use. Epoxy resin case.
 Protections built in: OLP (Over Load), OVP (Over Voltage), SCP (Short Circuit), OTP (Over temperature), PFC built-in. Constant voltage, SELV, flickering free.
 Voltage 220-240 V. Low output modulation. Dimmable with external accessories.
 Working temperature - 30 + 55 °C.
35/62 W: internal protection up to 2kV (line-neutral), lifetime > 50.000 h.
 5 Years Warranty.
100 W: internal protection up to 3kV (line-neutral), lifetime > 100.000 h.
 7 Years Warranty.
NEW POWERS AND VOLTAGES

35/62 W

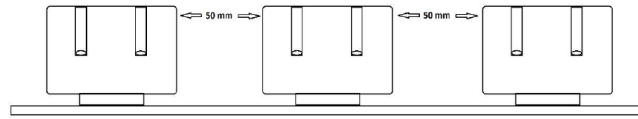
100 W



Code	Description							Price €/pcs.	Price €/pcs. WITH 1-10V DIMMER
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg		
LOFAW03512/68	220-240	68	12	35	50/60	220x33x27	0,43	€ 25,40	
LOFAW03512/68D	220-240	68	12	35	50/60	220x33x27	0,43		€ 46,85
LOFAW06212/68	220-240	68	12	62	50/60	220x33x27	0,45	€ 30,84	
LOFAW06212/68D	220-240	68	12	62	50/60	220x33x27	0,45		€ 52,24
LOFAW10012/68	220-240	68	12	100	50/60	312x33x29	0,68	€ 49,16	
LOFAW03524/68	220-240	68	24	35	50/60	220x33x27	0,43	€ 25,40	
LOFAW03524/68D	220-240	68	24	35	50/60	220x33x27	0,43		€ 46,85
LOFAW06224/68	220-240	68	24	62	50/60	220x33x27	0,45	€ 30,84	
LOFAW06224/68D	220-240	68	24	62	50/60	220x33x27	0,45		€ 52,24
LOFAW10024/68	220-240	68	24	100	50/60	312x33x29	0,68	€ 49,16	
LOFAW10024/68D	220-240	68	24	100	50/60	324x33x30	0,68		€ 70,54
LOFAW15048/68	220-240	68	48	150	50/60	312x33x29	0,68	€ 61,56	

Accessories for power supplies with dimmer

Codice	Description	Price €/Pcs.
LONAP047K	POTENZIOMETRO LINEARE 47K D 16MM PICCOLO	??????




 MADE IN ITALY 
IP 68 SELV







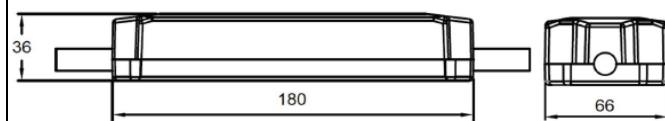
SAGIT LED DRIVER IP68

NEW

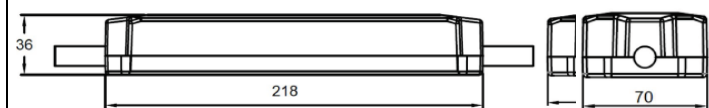
12V, 24V and 48V LED driver.
 Suitable for signs LED strip and modules.
 Suitable for indoor and outdoor use.
 Epoxy resin case.
 Protections built in: OLP (Over Load), OVP (Over Voltage), SCP (Short Circuit), OTP (Over Temperature), PFC built-in.
 Constant voltage, SELV, long life, flickering free.
 Internal protection up to 3kV (line-neutral).
 Low output modulation.
 Dimmable with external accessories.
 Working temperature - 30 + 50 °C.
 7 Years Warranty.

NEW SLIM VERSIONS
NEW POWERS AND VOLTAGES

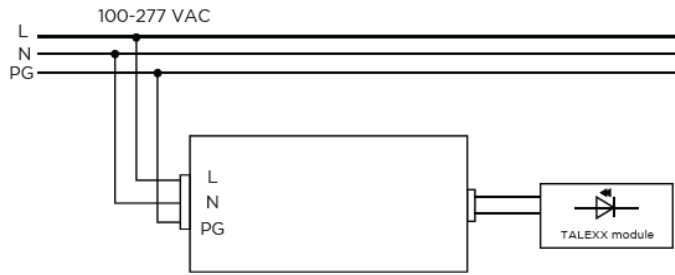
60/80/100 W



150 W



Code	Description								
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	Price €/pcs.	Price €/pcs. WITH 1-10V DIMMER
LOFAS06012/68	120-240	68	12	60	50/60	180x66x36	0,95	€ 34,02	
LOFAS06012/68D	120-240	68	12	60	50/60	180x66x36	0,95		€ 55,40
LOFAS08012/68	120-240	68	12	80	50/60	180x66x36	0,95	€ 36,74	
LOFAS15012/68D	120-240	68	12	150	50/60	218x70x36	1,18		€ 76,68
NEW LOFAS20012/68	120-240	68	12	200	50/60	225X48X33	0,86	€ 66,26	
LOFAS06024/68	120-240	68	24	60	50/60	180x66x36	0,95	€ 34,02	
LOFAS06024/68D	120-240	68	24	60	50/60	180x66x36	0,95		€ 55,40
LOFAS08024/68	120-240	68	24	80	50/60	180x66x36	0,95	€ 36,74	
LOFAS08024/68D	120-240	68	24	80	50/60	180x66x36	0,95		€ 58,14
LOFAS10024/68	120-240	68	24	100	50/60	180x66x36	0,95	€ 39,46	
LOFAS15024/68	120-240	68	24	150	50/60	218x70x36	1,18	€ 52,16	
LOFAS15024/68D	120-240	68	24	150	50/60	218x70x36	1,18		€ 72,68
NEW LOFAS20024/68	120-240	68	24	200	50/60	225X48X33	0,86	€ 66,26	
LOFAS15048/68	120-240	68	48	150	50/60	218x70x36	1,18	€ 55,58	





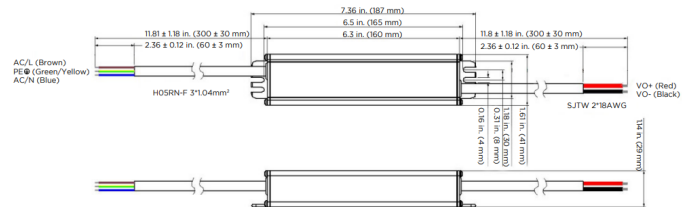
12V

PS NEW SLIM IP68

NEW

Constant voltage LED power supply

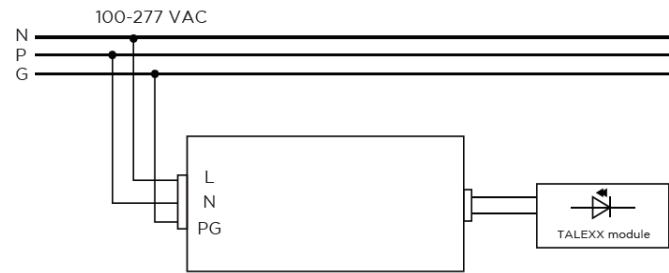
- Universal input voltage range
- Constant output voltage
- Connection cable with stripped cable end (length approx. 300 mm)
- Polarity identifiers, secondary + red / - black
- Nominal lifetime >50,000 h (at 230Vac, full load, Tc 75°C)
- 7-year guarantee (for Tc: 75°C)
- Complies with Class C according to EN 61000 -3-2
- Suitable for emergency installation according to EN 55015



Code	Description							Price €/pcs.
	Primary Voltage VAC	IP Class	Secondary Voltage VDC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK035/12B	100-277	68	12	35	50/60	187x41x29	0,45	€ 37,06
LOZK060/12B	100-277	68	12	60	47/63	258x33x21,8	0,40	€ 44,00
LOZK100/12B	100-277	68	12	100	47/63	332x33x21,8	0,66	€ 59,50



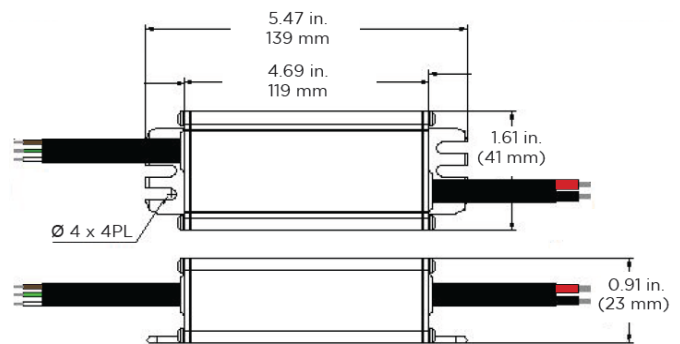

CE SELV **UL US FC** **RoHS** **IP68**



PS NEW SLIM IP68

Constant voltage LED power supply.
 Universal input voltage range.
 Small design, low power loss.
 Short-circuit shutdown feature w/automatic restart.
 OVP, OCP, OTP and Surge protection. SELV.
 Metal casing, encapsulated.
 Connection cable with stripped cable end. (length approx. 350 mm)
 Polarity identifiers, secondary + red / - black.
 Nominal lifetime >70,000 h.
 7 Years Warranty.

LOZK020/12A



Code	Description							Price €/pcs.
	Primary Voltage VAC	IP Class	Secondary Voltage VDC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK020/12A	100-277	68	12	20	47/63	139x41x23	0,45	€ 32,00
LOZK200/12A	100-277	68	12	200	47/63	250x67,5x35	1,20	€ 83,10
LOZK060/24A	100-277	68	24	60	47/63	202x44x34	0,50	€ 44,00
LOZK100/24A	100-277	68	24	100	47/63	215x67,5x35	0,90	€ 56,00
LOZK300/24	100-277	68	24	300	50/60	285x75x41,5	1,50	€ 102,20

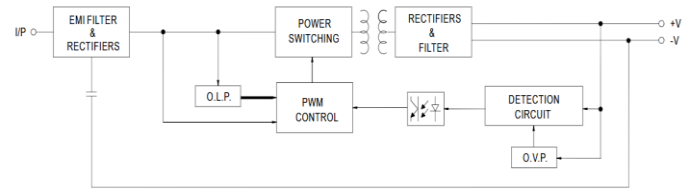


OUTDOOR LED POWER SUPPLIES

WARRANTY
2
YEARS



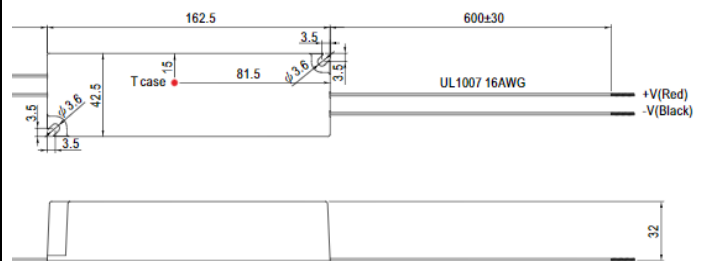
LPS IP67    



MEAN WELL SWITCHING LPV IP67

Constant voltage LED Driver.
Universal AC input.
High operating temperature + 70 °C.
Fully isolated plastic case.
Short circuit, overload, over voltage and over temperature protection.
NO SELV, the manufacturer stated that these power supplies are not suitable for LED lighting applications in european countries.
2 Years Warranty.

LONA060LPV



Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA020LPV5	90-264	67	5	15	47/63	118x35x26	0,22	€ 16,40
LONA035LPV5	90-264	67	5	30	47/63	148x40x30	0,34	€ 23,00
LONA060LPV5	90-264	67	5	40	47/63	162,5x42,5x32	0,40	€ 25,60
LONA100LPV5	90-264	67	5	60	47/63	190x52x37	0,63	€ 40,70
LONA020LPV	90-264	67	12	20	47/63	118x35x26	0,22	€ 11,08
LONA035LPV	90-264	67	12	35	47/63	148x40x30	0,34	€ 15,62
LONA060LPV	90-264	67	12	60	47/63	162,5x42,5x32	0,40	€ 17,60
LONA100LPV	90-264	67	12	100	47/63	190x52x37	0,63	€ 29,04
LONA020LPV24	90-264	67	24	20	47/63	118x35x26	0,22	€ 11,08
LONA035LPV24	90-264	67	24	35	47/63	148x40x30	0,34	€ 15,62
LONA060LPV24	90-264	67	24	60	47/63	162,5x42,5x32	0,40	€ 17,60
LONA100LPV24	90-264	67	24	100	47/63	190x52x37	0,63	€ 29,04

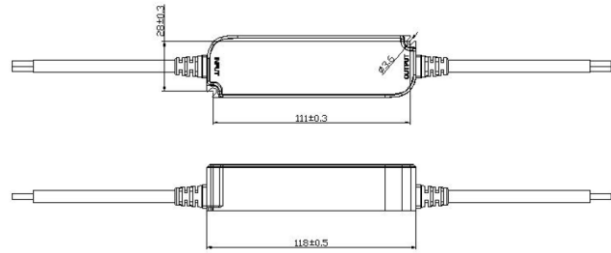


OUTDOOR LED POWER SUPPLIES

WARRANTY
3
 YEARS



LONA024VTS



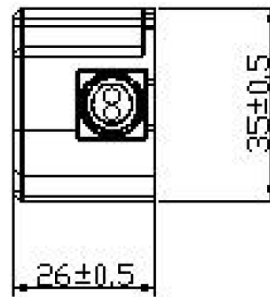

12
 12 Vdc

IP67 SELV      **CB**

DRIVER LED VTS 12 IP67 L

High efficiency up to 86%
 Built-in active PFC function
 All-Around Protection: OLP, SCP, OTP
 Compact plastic Case, Free Air Convection
 Waterproof(IP67) and UL Dry/Damp/Wet Location
 Input Surge Protection: 2kV line-line
 Ambient Temperature -20°C/+70°C
 High Reliability & Long Lifetime & 3 Years Warranty

LONA024VTS



Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA024VTS	198-264	67	12	24	47/63	118x35x26	0,225	€ 9,30
LONA040VTS	198-264	67	12	40	47/63	148x42x30	0,350	€ 10,90
LONA060VTS	176-264	67	12	60	47/63	162.5x42.5x32	0,427	€ 13,54
LONA100VTS	176-264	67	12	100	47/63	190x52x33	0,618	€ 21,70



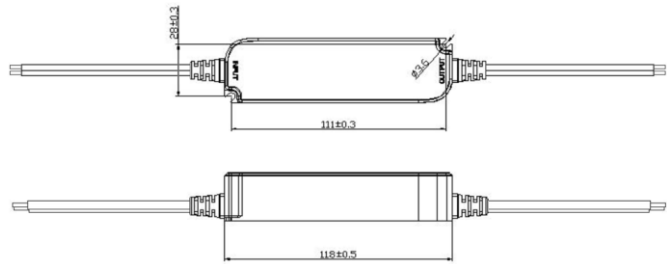
OUTDOOR LED POWER SUPPLIES

WARRANTY
3
YEARS



IP67 SELV      

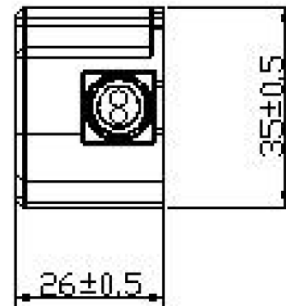
LONA024VTS24



DRIVER LED VTS 24 IP67 L

High efficiency up to 86%
 Built-in active PFC function
 All-Around Protection: OLP, SCP, OTP
 Compact plastic Case, Free Air Convection
 Waterproof(IP67) and UL Dry/Damp/Wet Location
 Input Surge Protection: 2kV line-line
 Ambient Temperature -20°C/+70°C
 High Reliability & Long Lifetime & 3 Years Warranty

LONA024VTS24

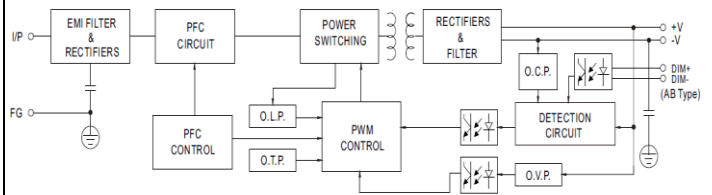


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA024VTS24	198-264	67	24	24	47/63	118x35x26	0,225	€ 8,60
LONA040VTS24	198-264	67	24	40	47/63	148x42x30	0,350	€ 11,30
LONA060VTS24	176-264	67	24	60	47/63	162.5x42.5x32	0,427	€ 13,60
LONA100VTS24	176-264	67	24	100	47/63	190x52x33	0,618	€ 21,70



OUTDOOR LED POWER SUPPLIES

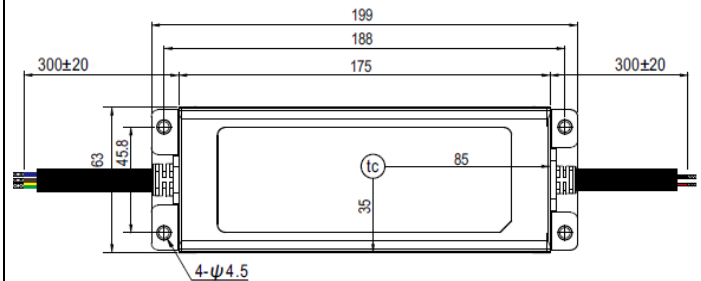
WARRANTY
5
YEARS



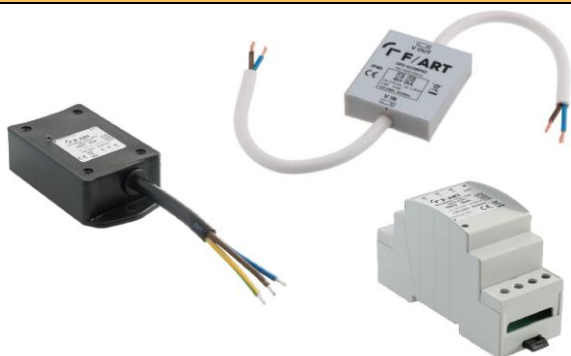
MEAN WELL SWITCHING XLG IP67

Constant voltage LED Driver.
Universal AC input.
Suitable for LED street and architectural lighting.
High operating temperature + 70 °C.
Short circuit, overload, over voltage and over temperature protection.
Class I isolation.
Metal housing design with functional ground.
5 Years Warranty.

LONA200XLG

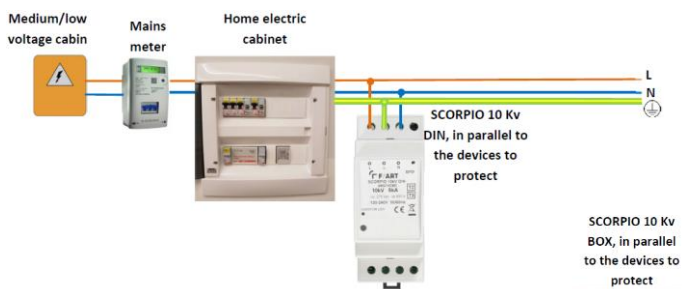


Code	Description							Price €/pcs.
	Primary Voltage VAC	IP Class	Secondary Voltage VDC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA075XLG	100-305	67	12	60	47/63	140x63x32	0,58	€ 24,92
LONA100XLG	100-305	67	12	96	47/63	140x63x32	0,58	€ 27,80
LONA150XLG	100-305	67	12	150	47/63	180x63x35,5	0,80	€ 31,14
LONA200XLG	100-305	67	12	192	47/63	199x63x35,5	0,85	€ 37,36
LONA320XLG	100-305	67	12 / 24	216 / 312	47/63	246x77x39,5	1,45	€ 70,96
LONA075XLG24	100-305	67	24	74	47/63	140x63x32	0,58	€ 24,92
LONA100XLG24	100-305	67	24	96	47/63	140x63x32	0,58	€ 27,80
LONA150XLG24	100-305	67	24	150	47/63	180x63x35,5	0,80	€ 31,14
LONA200XLG24	100-305	67	24	199	47/63	199x63x35,5	0,85	€ 37,20




 MADE IN ITALY 



SCORPIO SURGE PROTECTION

NEW

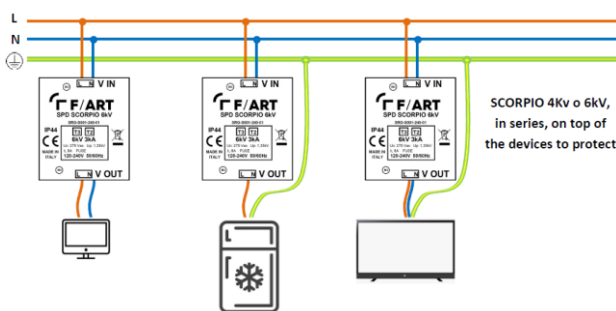
SCORPIO is an SPD range (Surge Protection Device), surge arrester. It protects against the direct and indirect effects of lightning and / or transient overvoltage from the electricity grid. It can be used to protect any device connected to the mains (LED drivers, high voltage transformers, computers, TVs, household appliances, etc.).

Scorpio 4kV - Scorpio 6kV: suitable to protect appliances up to 900VA power consumption.

Scorpio 10kV DIN: housed in a DIN rail box, to be installed in electrical riser.

Scorpio 10kV BOX: housed in BOX plastic case, for higher installation versatility (for example to protect all the appliance connected at the same power strip).

2 Years Warranty.



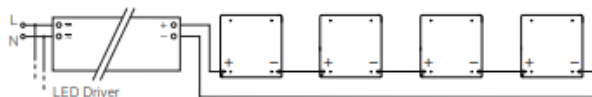
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	In - Uoc kA - kV	In Max Load A	Frequency Hz	Size L x W x H	Weight Kg	
LOFAP04	120-240	44	2-4	8	50/60	50x45x16	0,081	€ 17,19
LOFAP06	120-240	44	3-6	8	50/60	50x45x16	0,081	€ 19,10
LOFAP10D	120-240	20	5-10	NA	50/60	37x90x63	0,070	€ 52,51
LOFAP10B	120-240	20	5-10	NA	50/60	27x112x52	0,110	€ 47,74

TRIDONIC

LED SYSTEMS



QLE G3+ 250x250mm / 270x270mm:

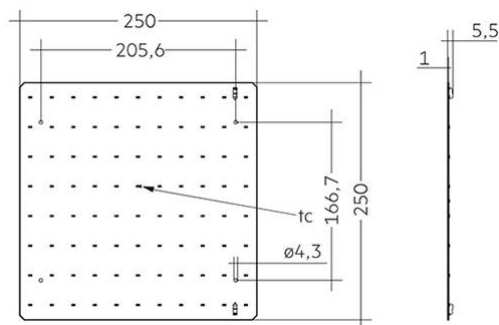



MODULO TALEXX STARK QLE G3 PLUS

PHASE OUT

Ideal for linear and panel lights.
 LED system solution with outstanding system, consisting of squared LED module and dimmable LED Driver LCA 100-400 mA Ip PRE.
 High colour rendering index CRI > 80.
 Small colour tolerance (MacAdam 3).
 Perfectly uniform light, even if several LED modules are used together in a line.
 Self-cooling (no additional heat sink required).
 Push terminals for quick and simple wiring of LED module to LED module
 Simple installation (e.g. screws).
 Long life-time: 50.000 hours.
 5 Five Warranty.

LOZSQLE250830




Code	Description						€/pcs.	
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Dimension mm		
LOZSQLE25030	Warm White	3.000 K	1.700	10,70	159	250x250	ON DEMAND	
LOZSQLE25040	Neutral White	4.000 K	1.810	10,70	169	250x250	ON DEMAND	
LOZSQLE25050	Neutral White	5.000 K	1.860	10,70	174	250x250	ON DEMAND	
LOZSQLE27030	Warm White	3.000 K	1.700	10,70	159	270x270	ON DEMAND	
LOZSQLE27040	Neutral White	4.000 K	1.810	10,70	169	270x270	ON DEMAND	
LOZSQLE27050	Neutral White	5.000 K	1.860	10,70	174	270x270	ON DEMAND	

LED DRIVER ESSENCE

Fixed output built-in LED Driver.
 For luminaires of protection class I and protection class II.





Code	Driver N°Module	W	mA	Dimension mm	€/pcs.	
LOZK019350	1	19	350	30x21x230	ON DEMAND	
LOZK025350	2	25	350	30x21x230	ON DEMAND	
LOZK050350	3	50	350	30x21x230	ON DEMAND	

LED DRIVER ADVANCE

LED Constant current LED Driver for luminaire installation.
 For luminaires of protection class I and protection class II.



Code	Driver N°Module	W	mA	Dimension mm	€/pcs.	
LOZK0712535	4	71	250-350	30x21x280	ON DEMAND	
LOZK1122535	5	112	250-350	30x21x280	ON DEMAND	

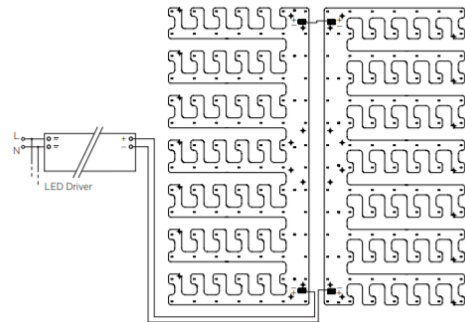
Accessories Code	Description	€/Pack.	Image
LOZK0PLUG350	10 pcs. package of blue plugs for 350 mA current	ON DEMAND	

TRIDONIC

LED SYSTEMS

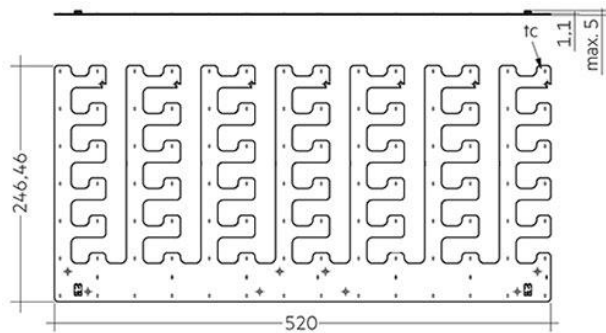


Serial wiring:



MODULO TALEXX STARK QLE G2

Ideal for linear and panel lights.
LED system solution with outstanding system, consisting of squared LED modules and dimmable LED Driver LCA 50W 100-400 mA Ip PRE.
High colour rendering index CRI > 80.
Small colour tolerance (MacAdam 3).
Small luminous flux tolerances.
Perfectly uniform light, even if several LED modules are used together in a line.
Self-cooling (no additional heat sink required).
Push terminals for quick and simple wiring of LED module to LED module.
Simple installation (e.g. screws).
Long life-time: 50.000 hours.
5 Five Warranty.



Code	Description						€/pcs.	
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Dimension mm		
LOZSQLE5224830	Warm White	3.000 K	2.200	14,40	155	520x246	ON DEMAND	
LOZSQLE5224840	Neutral White	4.000 K	2.370	14,40	167	520x246	ON DEMAND	
LOZSQLE5224850	Neutral White	5.000 K	2.370	14,40	167	520x246	ON DEMAND	
LOZSQLE5224865	Daylight	6.500 K	2.340	14,00	166	520x246	ON DEMAND	

LED DRIVER ESSENCE

Fixed output built-in LED Driver.
For luminaires of protection class I and protection class II.



Code	Driver N°Module	W	mA	Dimension mm	€/pcs.
LOZK019350	1	19	350	30x21x230	ON DEMAND
LOZK035350	2	35	350	30x21x230	ON DEMAND
LOZK065350	4	60	350	30x21x230	ON DEMAND
LOZK1122535	6	112	250-350	30x21x360	ON DEMAND



LED DRIVER ADVANCE

LED Constant current LED Driver for luminaire installation.
For luminaires of protection class I and protection class II.



Code	Driver N°Module	W	mA	Dimension mm	€/pcs.
LOZK1122535	6	112	250-350	30x21x360	ON DEMAND



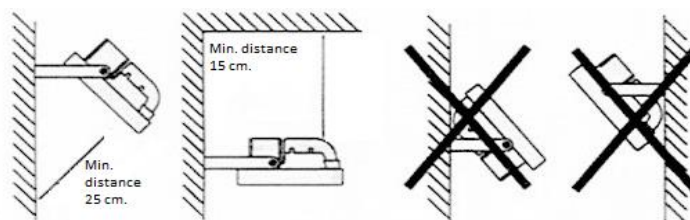
Accessories Code	Description	€/Pack.	Image
LOZK0PLUG350	10 pcs. package of blue plugs for 350 mA current	ON DEMAND	

ECO 
LED SPOT LIGHTS

 WARRANTY
2
 YEARS

OUTDOOR LED SPOT LIGHT

High Brightness 1 LED lamp with IP65 housing.
 Ultra-flat design.
 Die-cast aluminum body.
 15 cm. of cable already wired.
 Emission angle 100°.
 CRI ≥ 70.
 50 Hz frequency.
 Voltage 220-240 Vac.
 Nominal life-time up to 25.000 h.
 2 Years Warranty.

PHASE OUT


Code	Description						Price €/pcs.
	Colour	Colour temperature	Consump. (W)	Flux (lm)	Halogen equivalence (W)	Size L x W x H	
LOZ010S40	Neutral White	4.000 K	10	650	≈ 70	109x92x27	€ 18,70
LOZ020S30	Warm White	3.000 K	20	1.300	≈ 130	148x126x30	€ 36,58
LOZ020S40	Neutral White	4.000 K	20	1.300	≈ 130	148x126x30	€ 36,58
LOZ030S40	Neutral White	4.000 K	30	1.950	≈ 180	181x154x32	€ 55,68
LOZ050S40	Neutral White	4.000 K	30	3.250	≈ 300	214x183x38	€ 90,60



OSRAM LED TUBES



T8 LED TUBE

Applicable in warehouses, cold storage, supply rooms, corridors, industry, stairways, garages, indirect illumination.

For applications with high operating hours.

Instant 100% light without flickering. No mercury.

Voltage 220-240 Vac.

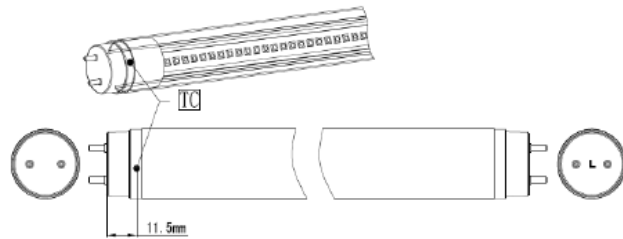
CRI ≥ 80.

50/60 Hz frequency.

IP20 protection.

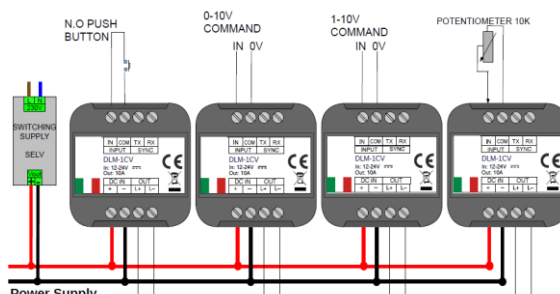
Working temperature - 20 + 75 °C.

Nominal life-time up to 40.000 h.



Code	Description					Price €/pcs. *
	Colour	Colour temperature	Consump. (W)	Flux (lm)	Tube length	
LOHO108300	Warm White	3.000 K	10	1.000	600	€ 19,16
LOHO108650	Daylight	6.500 K	10	900	600	€ 19,16
LOHO188300	Warm White	3.000 K	18	2.100	1.200	€ 29,87
LOHO218400	Neutral White	4.000 K	18	2.100	1.200	€ 29,87
LOHO228300	Warm White	3.000 K	20	2.400	1.500	€ 31,93
LOHO248400	Neutral White	4.000 K	20	2.400	1.500	€ 31,93
LOHO248650	Daylight	6.500 K	20	2.160	1.500	€ 31,93

* PHASE OUT

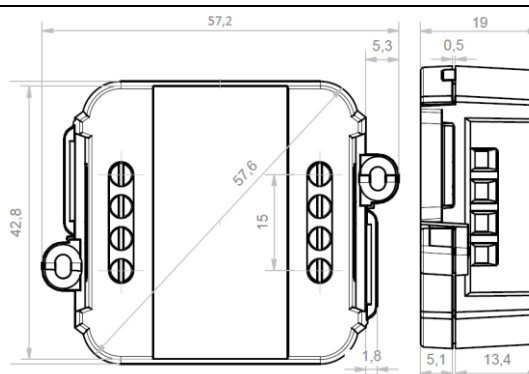


ECOLED MULTITENSION DIMMER

NEW

Fader + Dimmer + Driver. DC Input 12-24 Vdc.
 Multi Input, analogic automatic detection of the local command: normally open push-button, analogic input 0-10V, analogic input 1-10V and potentiometer 10Kohm.
 Menu Push, possibility to set: minimum value of dimming and fade In/Out.
 Constant voltage variant for common anode applications.
 Voltage outputs for R loads. Memory function.
 Adjusting the brightness of white light or monochromatic color.
 Adjusting the brightness up to completed off.
 Soft start and soft stop. Sync function - Master/Slave.
 Optimized output curve. Typical efficiency > 95%.
 5 Years Warranty.

Necessary a SELV power supply.





Code	Description						Price €/pcs.
	Absorbed power 12V W	Absorbed power 24V W	IP Class	Frequency Hz	Size L x W x H	Weight Kg	
LOEFNDIM1224	120	240	20	300	44x57x19	0,038	€ 27,40






ECOLED DALI DIMMER

Bus + Fader + Dimmer + Driver. DC Input: 12-24-48 Vdc.
 Remote command options: Dali.
 Local command options: normally open push-button.
 Adjusting the brightness of white light. Typical efficiency > 95%. Adjusting the brightness up to completed off.
 Soft start and soft stop. Optimized output curve.
 Extended temperature range. 5 Years Warranty.
Necessary a SELV power supply.



Code	Description						Price €/pcs.	
	Absorbed power 12V W	Absorbed power 24V W	Absorbed power 48V W	IP Class	Frequency Hz	Size L x W x H		Weight Kg
LOEFNDIMDA	78	156	312	20	250	44x57x25	0,04	€ 48,60

Accessories Code	Description	€/Pack.	Image
LOEFNDIMPNAOX	Normally open silver push-button	€ 12,40	
LOEFNDIMPNNAN	Normally open black push-button	€ 5,00	

Code	Description  	€/Pack.	Image
LOEFNZDIM25TT	<p style="text-align: center;">Multitension dimmer with radio remote 127x41x23 mm 128 brightness levels + 2 pre-set dynamic modes, adjustable with the keyboard Ethernet synchronization interface 12 Vdc - 300 W (max. power) 24 Vdc - 600 W (max. power)</p>	€ 28,60	
LOEFNZRGBT06	<p style="text-align: center;">Multitension RGB controller with radio remote 5,3x13x3 mm with female jack for wall-mount power supply, including 4-pin male connector (see page 6.98) Cable + jack lenght 120 mm 6 pre-set dynamic modes, adjustable with the keyboard 12 Vdc - 72 W (max. consump.) / 24 Vdc - 144 W (max. consump.)</p>	€ 14,00	
LOEFNZRGBRFM	<p style="text-align: center;">Multitension RGB/RGBW controller with radio remote 70x40x20 mm 1024 static colors + 6 pre-set dynamic modes , adjustable with the keyboard RGB (max output power): 75W(5V), 180W(12V), 360W(24V) RGBW (max output power): 80W(5V), 192W(12V), 384W(24V)</p>	€ 20,00	
LOEFNZRGB10TT	<p style="text-align: center;">Multitension RGB controller with radio remote 91x88x24 mm 128 static colors + 9 pre-set dynamic modes, adjustable with the keyboard Ethernet synchronization interface 12 Vdc - 360 W (max. power) 24 Vdc - 720 W (max. power)</p>	€ 30,00	