

## CHAPTER SIX

### LED lighting and accessories

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			Supply	Warranty	Date
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## 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

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

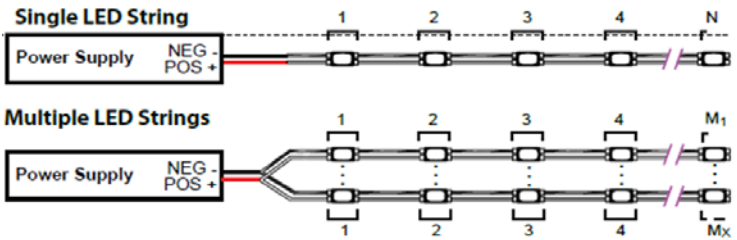
Our technicians are available for design, bespoke products, wiring and certifications of your finished products.

### 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)

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



Standard length of serial connection: 100

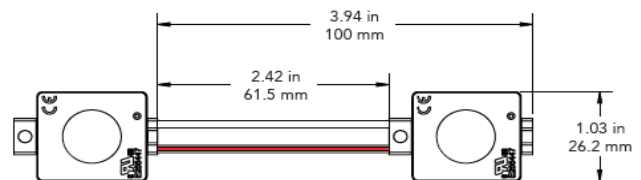
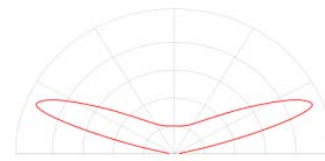


## SIGNRAYZ ULTRA 430

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.



NOTES: WIRE IS 18 AWG / 0.82 mm<sup>2</sup>  
 RED STRIPE (+), WHITE (-)



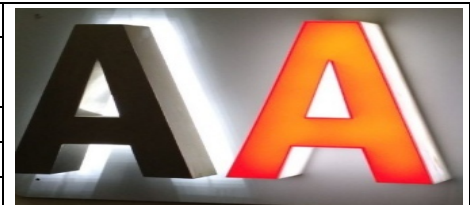
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP43065	Daylight	6.500 K	34	0,30	113	10	10	€ 1,30	€ 130,00
LOZP43040	Neutral White	4.000 K	32	0,30	107	10	10	€ 1,30	€ 130,00
LOZP43030	Warm White	3.000 K	30	0,30	100	10	10	€ 1,30	€ 130,00

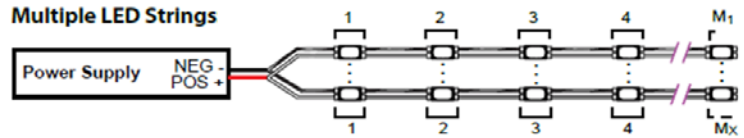
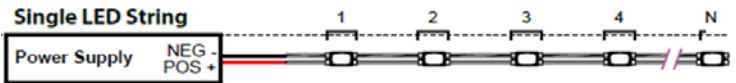
Upon request, available other colour temperatures (2700K - 5000K - 5700K - 7500K)

Upon request, available 150 mm module spacing

### ULTRA 430: Opal 3 mm - 31% of transmission

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





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.

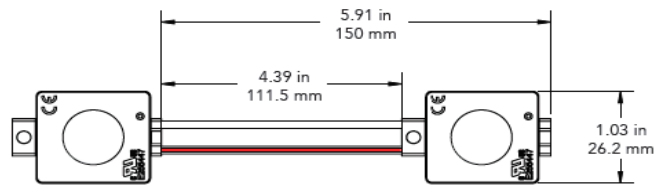
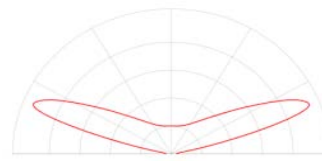
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C.

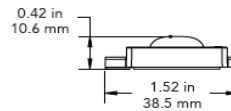
All temperature datas are calculated at room temperature = 25 °C.

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

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



NOTES: WIRE IS 18 AWG / 0.82 mm<sup>2</sup>  
RED STRIPE (+), WHITE (-)

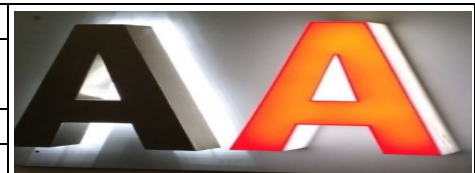


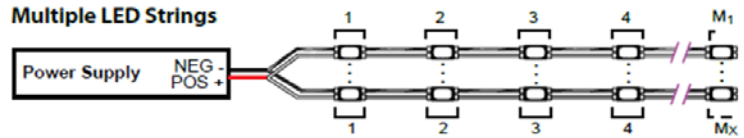
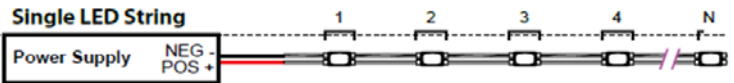
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP45065	Daylight	6.500 K	50	0,48	104	6/7	15	€ 1,34	€ 134,00
LOZP45040	Neutral White	4.000 K	47	0,48	98	6/7	15	€ 1,34	€ 134,00
LOZP45030	Warm White	3.000 K	44	0,48	92	6/7	15	€ 1,34	€ 134,00

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 <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
50	110	115	79	3.950	37,92
75	110	200	45	2.250	21,60





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.

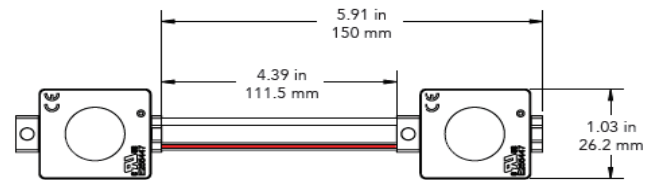
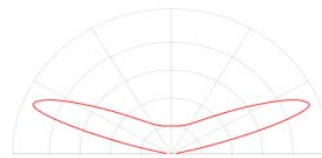
Max surface temperature per module 65 °C.

Storage temperature - 40 + 85 °C.

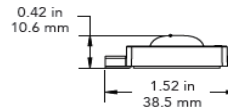
All temperature datas are calculated at room temperature = 25 °C.

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

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



NOTES: WIRE IS 18 AWG / 0.82 mm<sup>2</sup>  
RED STRIPE (+), WHITE (-)

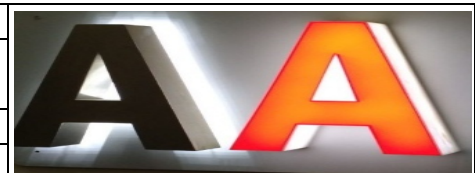


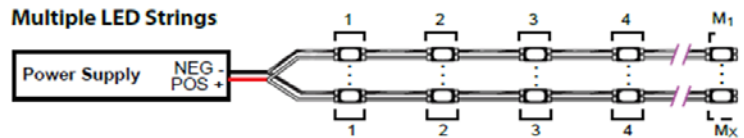
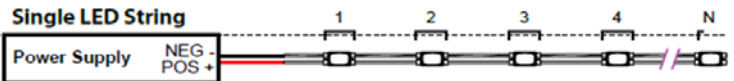
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP47065	Daylight	6.500 K	70	0,66	106	6/7	15	€ 1,38	€ 138,00
LOZP47040	Neutral White	4.000 K	67	0,66	102	6/7	15	€ 1,38	€ 138,00
LOZP47030	Warm White	3.000 K	63	0,66	95	6/7	15	€ 1,38	€ 138,00

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 <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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.

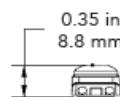
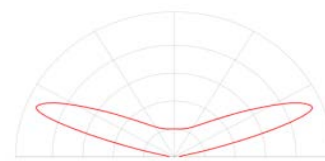
Max surface temperature per module 65 °C.

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.

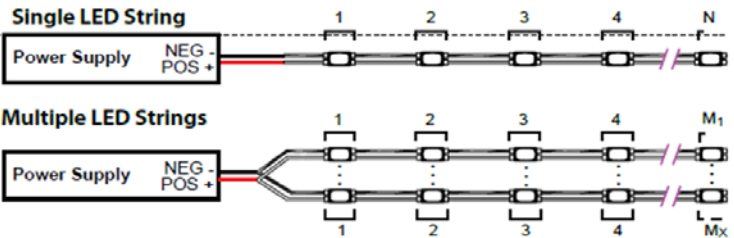


Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP65065	Daylight	6.500 K	100	0,78	128	5	20	€ 1,90	€ 190,00
LOZP65040	Neutral White	4.000 K	92	0,78	118	5	20	€ 1,90	€ 190,00
LOZP65030	Warm White	3.000 K	85	0,78	109	5	20	€ 1,90	€ 190,00
Upon request, available other colour temperatures (2700K - 4500K - 5000K - 5700K - 7100K)									
LOZP650R	Red	625 nm	25	0,78	32	5	20	€ 1,90	€ 190,00
LOZP650B	Blue	467 nm	15	0,78	19	5	20	€ 1,90	€ 190,00
LOZP650G	Green	525 nm	55	0,78	71	5	20	€ 1,90	€ 190,00
LOZP650O	Orange	606 nm	20	0,78	26	5	20	€ 1,90	€ 190,00

### ULTRA 650: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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





Standard length of serial connection: 50

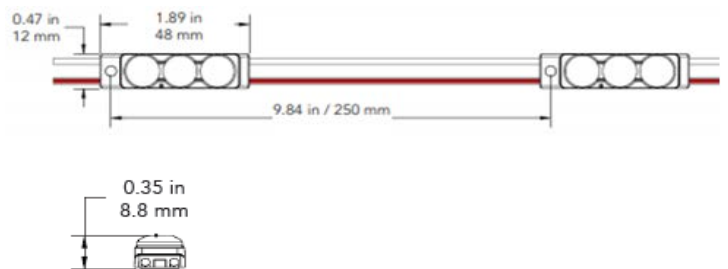
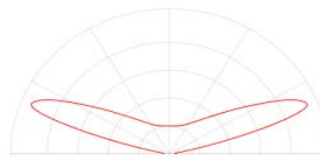


**SIGNRAYZ ULTRA 670**

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.

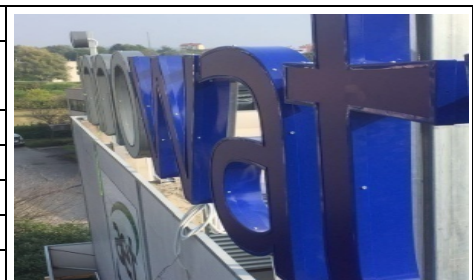


Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP67065	Daylight	6.500 K	150	1,24	121	4	25	€ 2,50	€ 250,00
LOZP67040	Neutral White	4.000 K	138	1,24	111	4	25	€ 2,50	€ 250,00
LOZP67030	Warm White	3.000 K	127	1,24	102	4	25	€ 2,50	€ 250,00

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 <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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

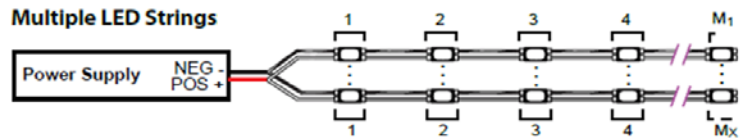
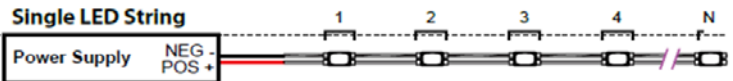









**IP66**



Standard length of serial connection: 40

 **12V**

### LYTERAYZ LR22

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

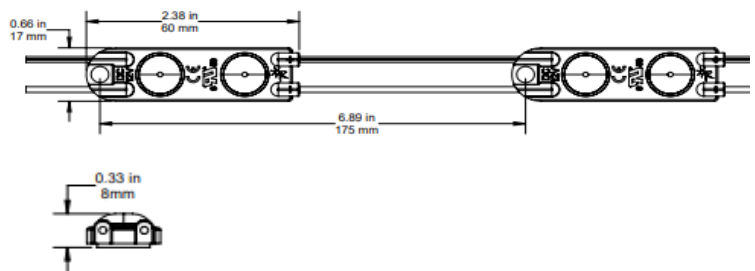
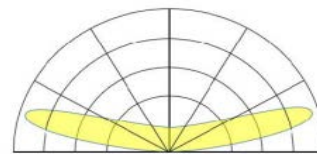
(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

Room temperature - 25 + 55 °C.

Storage temperature - 40 + 85 °C.

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


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




 50,000 HOURS  
 L70 LIFETIME

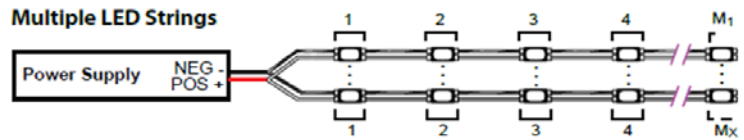
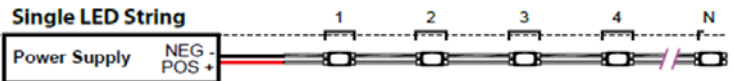
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPLR2265	Daylight	6.500 K	95	0,61	156	5/6	17,50	€ 0,81	€ 80,50

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

LYTERAYZ LR22: Opal 3 mm - 31% of transmission						
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2	
75	100	100	100	9.500	61,00	
100	150	175	38	3.610	23,18	
125	175	250	23	2.185	14,03	
150	175	250	23	2.185	14,03	



CE cRU US cUL US LISTED **IP66**



Standard length of serial connection: 25



### LYTERAYZ LRZ3

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

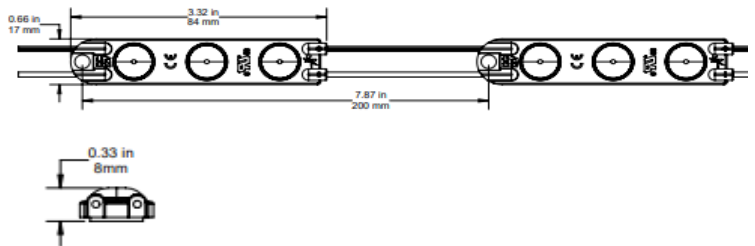
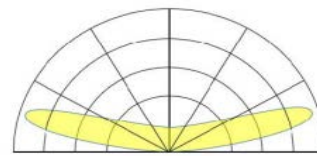
(at 60 °C with a failure rate ≤ 0.2 % per 1,000 h).

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.

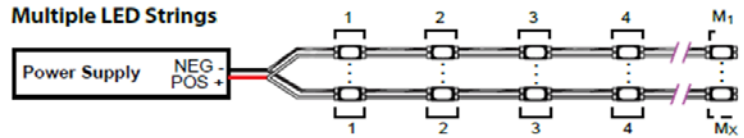
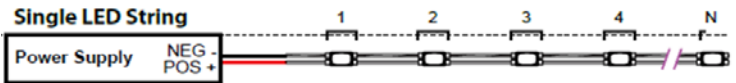


Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPLRZ365	Daylight	6.500 K	140	0,96	146	5	12	€ 1,04	€ 62,10

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

LYTERAYZ LRZ3: Opal 3 mm - 31% of transmission					
Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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





Standard length of serial connection: 100



## 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  $\leq 0.2\%$  per 1,000 h).

Room temperature - 40 + 60 °C.

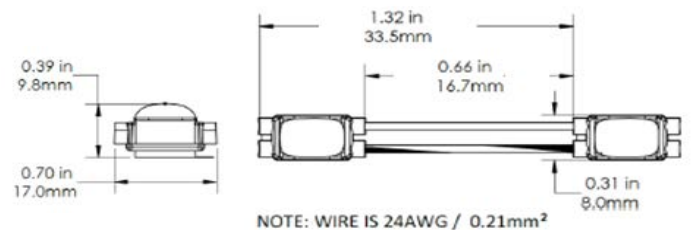
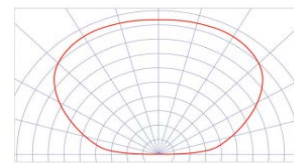
Max surface temperature per module 65 °C.

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.



NOTE: WIRE IS 24AWG / 0.21mm<sup>2</sup>

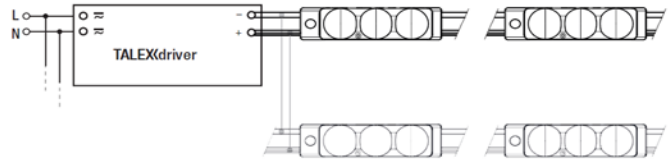


Code	Description						€/module	€/Chain 150 mod.
	Colour	Colour temperature	Flux / Mod. (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Package 150 mod. m		
LOZPMINI75	Cristal White	7.500 K	21,00	0,25	84	5	€ 1,40	€ 210,00
LOZPMINI65	Daylight	6.500 K	21,00	0,25	84	5	€ 1,40	€ 210,00
Upon request, available other colour temperatures (2700K - 3000K - 4100K - 4500K - 5000K - 5700K)								
Upon request, available 50 mm module spacing								
LOZPMINIR	Red	625 nm	4,40	0,13	34	5	€ 2,00	€ 300,00
LOZPMINIB	Blue	467 nm	2,60	0,13	20	5	€ 2,00	€ 300,00
LOZPMINIG	Green	526 nm	11,60	0,13	89	5	€ 2,00	€ 300,00

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	

**GEN LED**
**AGILIGHT**  
 Innovative Signage Lighting

**BACKLIGHTING LED MODULES**
**3Yr**

**IP68**  **RoHS**


Standard length of serial connection: 100


**12V**
**TALEXX CHAIN P531 G1 ESSENCE**
**31 Lumen recommended depth 80 - 120 mm**
**70 Lumen recommended depth 120 - 150 mm**

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

Optimised for use in signage (lettering, surface backlighting).

Signs of medium and big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 5).

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 30.000 h

 (at 50 °C with a failure rate  $\leq 0.2\%$  per 1,000 h).

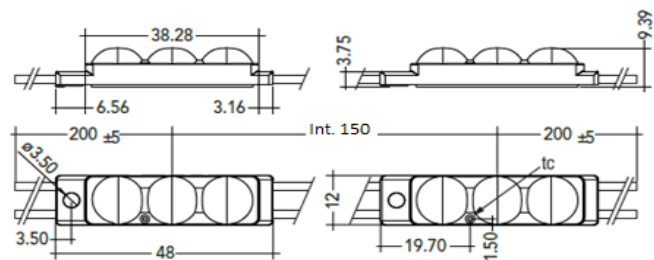
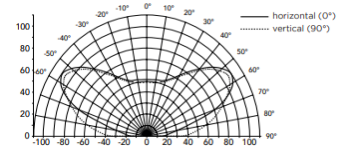
Room temperature - 40 + 60 °C.

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.**


Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP53130DL100	Daylight	6.500 K	31	0,34	92	7	15	€ 1,10	€ 110,00
<b>150 mm module spacing on 31 Lumen version</b>									

LOZP53160DL100	Daylight	6.500 K	70	0,70	100	5	20	€ 1,22	€ 122,00
<b>200 mm module spacing on 70 Lumen version</b>									

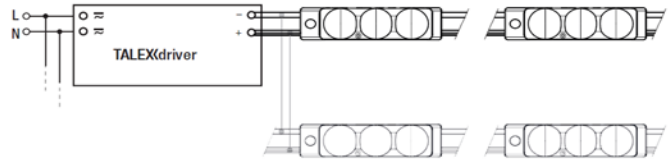
**ESSENCE P531: Opal 3 mm - 31% of transmission**

Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
80	120	120	66	2.046	22,44
100	150	150	49	1.519	16,66
120*	150	180	37	2.590	25,90
150*	200	220	23	1.610	16,10

**31 Lumen version - 70 Lumen version\***




IP68    



Standard length of serial connection: 100



## TALEXX CHAIN CLASSIC P541 G1 EXCITE

Recommended depth 80 - 120 mm

### ON DEMAND

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

Optimised for use in signage (lettering, surface backlighting).

Signs of small and medium size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 5).

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.

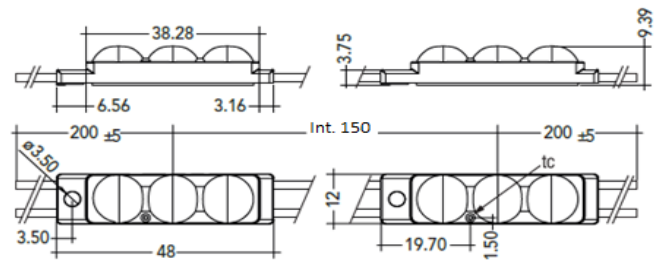
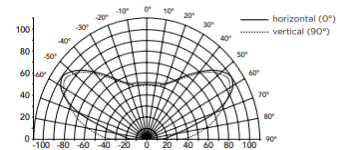
Max surface temperature per module 65 °C.

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.



Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP541DL100	Daylight	6.500 K	31	0,34	92	7	15	€ 1,76	€ 176,00
LOZP541XDL100	Daylight	6.500 K	45	0,50	88	7	15	€ 1,82	€ 182,00
LOZP541R100	Red	620-630 nm	12	0,54	22	7	15	€ 1,87	€ 187,00
LOZP541B100	Blue	465-470 nm	11	0,65	17	7	15	€ 1,87	€ 187,00
LOZP541G100	Green	520-537 nm	35	0,44	79	7	15	€ 1,87	€ 187,00
LOZP541O100	Orange	600-609 nm	16	0,44	36	7	15	€ 1,87	€ 187,00
LOZP541A100	Amber	583-592 nm	12	0,44	27	7	15	€ 1,87	€ 187,00

### EXCITE P541: Opal 3 mm - 31% of transmission

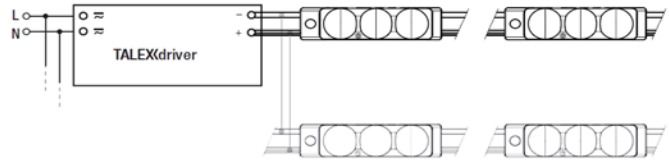
Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
80	120	120	69	2.139	23,46
100	150	150	44	1.364	14,96
120	150	180	37	1.147	12,58

31 Lumen version





IP68    



Standard length of serial connection: 100



### TALEXX CHAIN SELECT P551 G1 EXCITE

Recommended depth 80 - 150 mm

**ON DEMAND**

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

Optimised for use in signage (lettering, surface backlighting).

Signs of medium and big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 5).

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  $\leq 0.2\%$  per 1,000 h).

Room temperature - 40 + 60 °C.

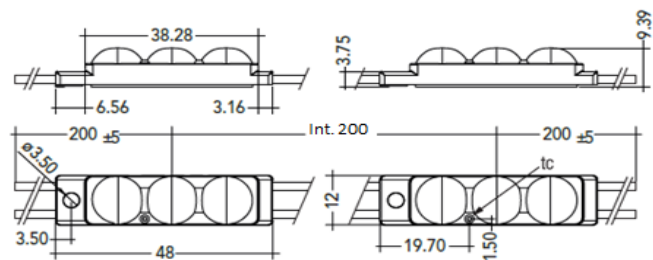
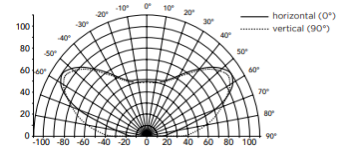
Max surface temperature per module 65 °C.

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.



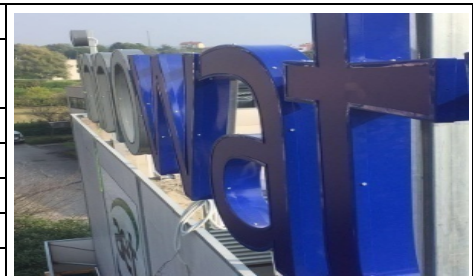
Code	Description						Package 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP551DL100	Daylight	6.500 K	60	0,70	86	5	20	€ 2,02	€ 202,00
LOZP551NW100	Neutral White	4.000 K	66	0,70	94	5	20	€ 2,02	€ 202,00
LOZP551WW100	Warm White	3.000 K	66	0,70	94	5	20	€ 2,02	€ 202,00

Upon request, available 150 mm module spacing

**EXCITE P551: Opal 3 mm - 31% of transmission**

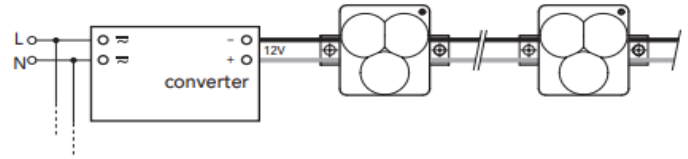
Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
80	120	120	69	4.140	48,30
100	150	150	44	2.640	30,80
120	150	180	37	2.220	25,90
150	200	220	23	1.440	16,10

60 Lumen version





IP68 CE RoHS



Standard length of serial connection: 50



## TALEXX CHAIN SELECT P561 G1 EXCITE

Recommended depth 120 - 200 mm

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

Optimised for use in signage (lettering, surface backlighting).

Ideal for signs of big size.

Flexible chain, can be split between any module.

High colour consistency (MacAdam 5).

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  $\leq 0.2\%$  per 1,000 h).

Room temperature - 40 + 60 °C.

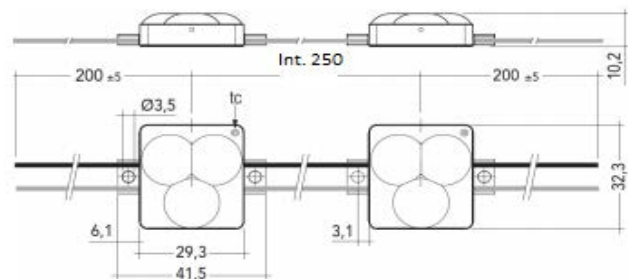
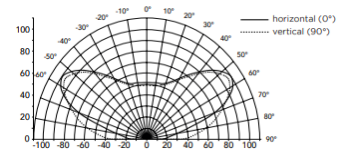
Max surface temperature per module 65 °C.

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.

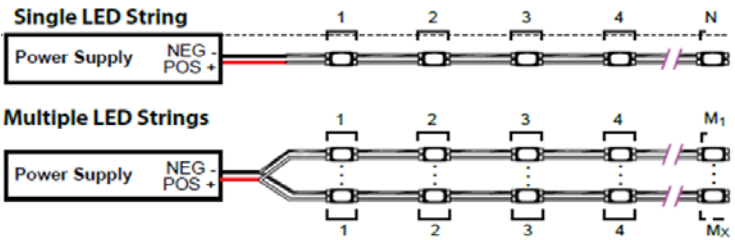


Code	Description						Package 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZP561DL50	Daylight	6.500 K	154	1,48	104	4	15	€ 2,76	€ 138,00
LOZP561NW50	Neutral White	4.000 K	142	1,48	96	4	15	€ 2,76	€ 138,00
LOZP561WW50	Warm White	3.000 K	130	1,48	88	4	15	€ 2,76	€ 138,00

### EXCITE P561: Opal 3 mm - 31% of transmission

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
120	200	250	20	3.080	29,60
150	250	250	16	2.464	23,68
200	250	300	13	2.002	19,24





Standard length of serial connection: 40



**SIGNRAYZ PRO 160**

Recommended depth 50 - 180 mm

**ON DEMAND**

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

Optimised for use in signage (lettering, surface backlighting).

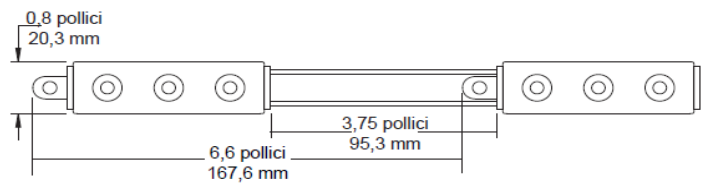
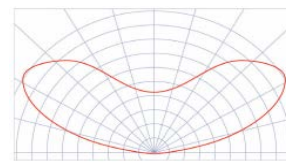
LED Module with plastic casing and strain relief with IP68 protection.

Integrated current source to stabilize luminous flux.

Nominal life-time up to 50.000 h.

Operating temperature - 40 + 60 °C.

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



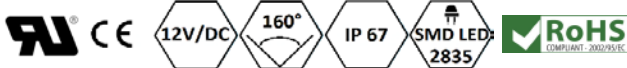
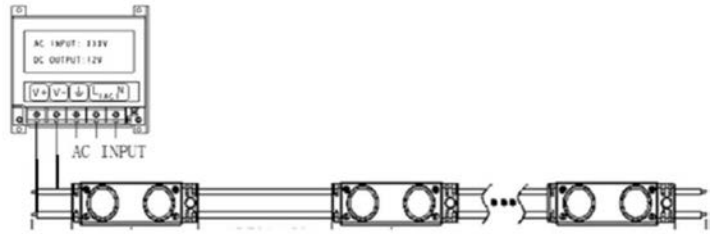
Code	Description						Package 40 mod. m	€/module	€/Chain 40 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPRO1606540	Daylight	6.500 K	90	0,78	115	6	6,70	€ 2,90	€ 116,00

**SIGNRAYZ PRO 160: Opal 3 mm - 31% of transmission**

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
50	102	127	77	6.930	60,06
75	121	203	41	3.690	31,98
100	168	305	19	1.710	14,82
125	168	381	16	1.440	12,48
150	168	406	15	1.350	11,70
180	168	381	16	1.440	12,48







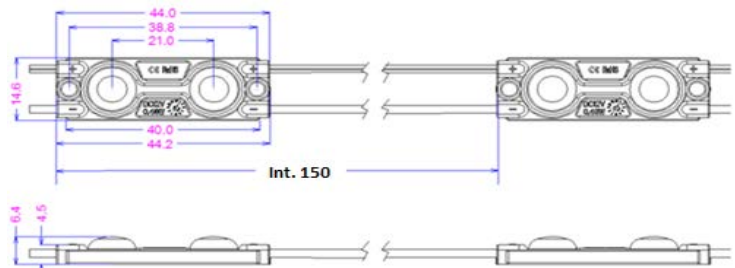
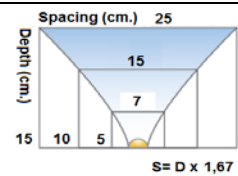
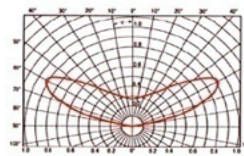
Standard length of serial connection: 50



**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.

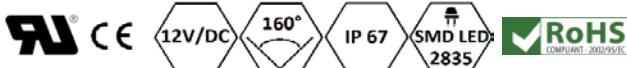
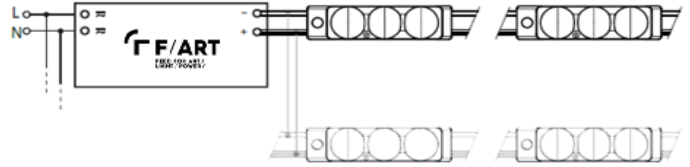


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW2ALU	Daylight	6.000-7.000 K	45	0,48	94	7	7,40	€ 0,42	€ 21,00
LOEFNNW2ALU	Neutral White	3.700-4.500 K	45	0,48	94	7	7,40	€ 0,42	€ 21,00
LOEFNWW2ALU	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





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.

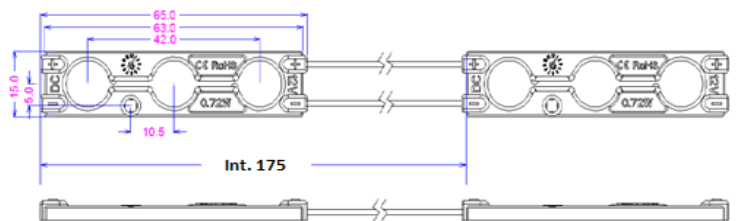
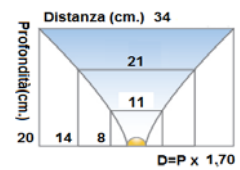
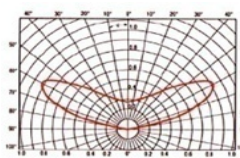
Spacing between modules: 11 cm.

Working temperature - 25 + 60 °C.

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

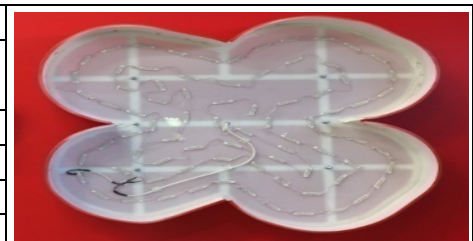
Polarity: white/red = positive - white = negative.

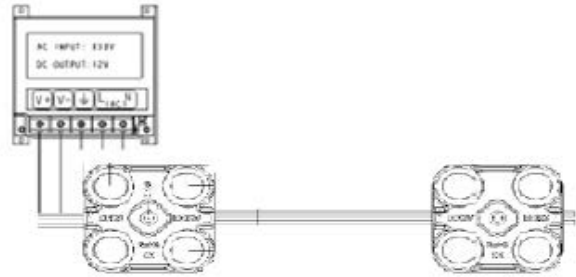
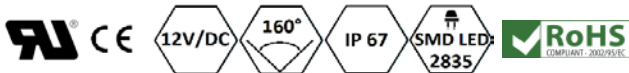
5 Years Warranty.



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	€ 0,52	€ 20,80
LOEFNNW3ALU/40	Natural White	3.700-4.500 K	66	0,72	92	5/6	7,20	€ 0,52	€ 20,80
LOEFNWW3ALU/40	Warm White	2.700-3.300 K	66	0,72	92	5/6	7,20	€ 0,52	€ 20,80
LOEFNR3ALU/40	Red	620-630 nm	18	0,72	25	5/6	7,20	€ 0,72	€ 28,80
LOEFNB3ALU/40	Blue	460-470 nm	11	0,72	15	5/6	7,20	€ 0,72	€ 28,80
LOEFNG3ALU/40	Green	520-530 nm	36	0,72	50	5/6	7,20	€ 0,72	€ 28,80

ECOLED HT ALU 3: PMMA Opal 3 mm					
Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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





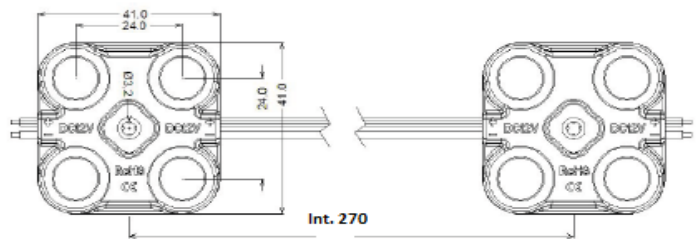
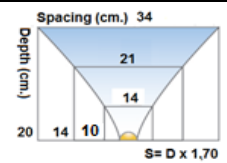
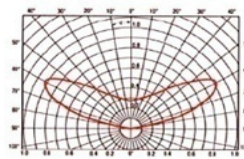
Standard length of serial connection: 25



**ECOLED SMD HT ALU 4**

Recommended depth 100 - 200 mm

Ideal for backlighting channel letters and big sized light boxes.  
Current control.  
IP67 protection, water and powder resistance.  
25 modules chain, can be cut on wire between every module.  
Chain length: 6,5 m.  
Spacing between modules: 23 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.

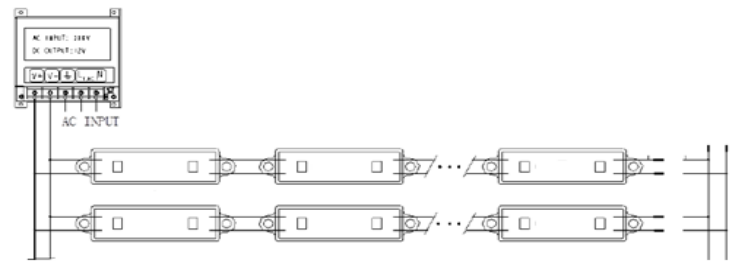


Code	Description						Chain 25 mod. m	€/module	€/Chain 25 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW4ALU	Daylight	6.000-7.000 K	180	2	90	4/5	€ 1,08	€ 27,00	

**ECOLED SMD HT ALU 4: PMMA Opal 3 mm**

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
100	140	140	51	9.180	102
120	180	180	31	5.580	62
150	220	220	21	3.780	42
200	270	300	12	2.160	24





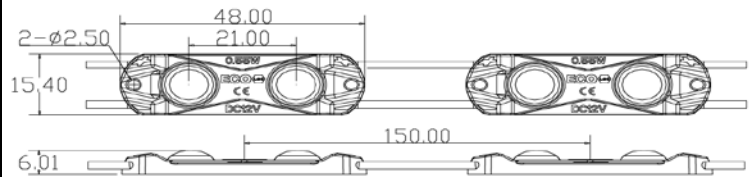
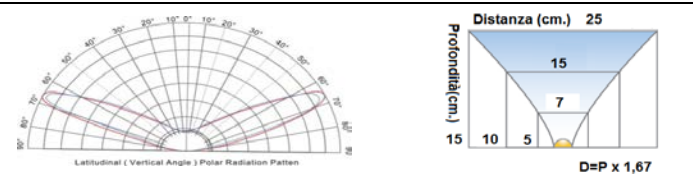
Standard length of serial connection: 50



**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.

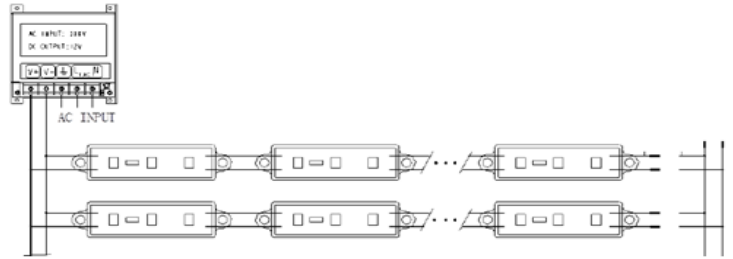


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNHGW2ALU	Daylight	6.000-6.500 K	52	0,55	95	7	7,50	€ 0,64	€ 32,00

**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





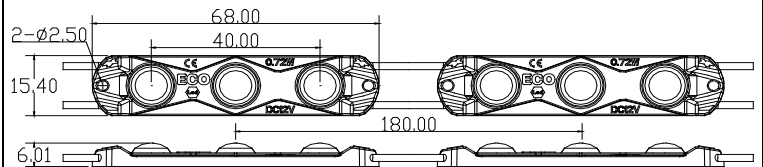
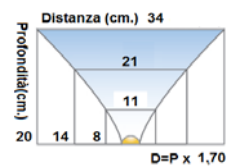
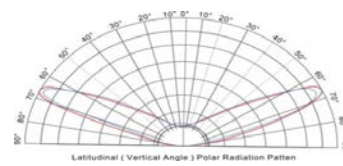
Standard length of serial connection: 50



**ECOLED SMD HG ALU 3**

Recommended depth 80 - 150 mm

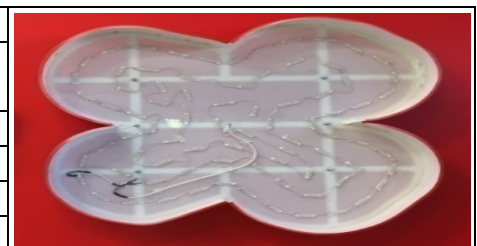
Ideal for backlighting channel letters and light boxes of big size.  
High brightness, IP67 housing protection with very good dissipation.  
Constant current driving to stabilize the luminous flux.  
Energy saving, environment-friendly, long life-time.  
Nominal life time up to 50.000 hours at 20 °C.  
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.

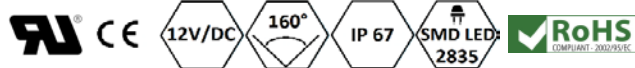
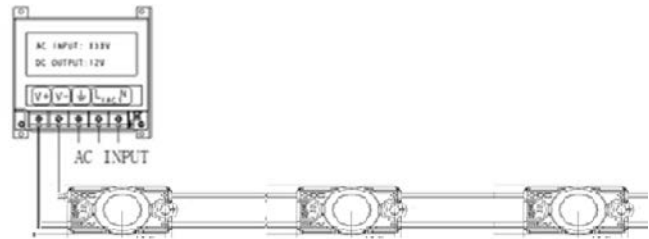


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNHGW3ALU	Daylight	6.000-6.500 K	70	0,72	97	5/6	€ 0,72	€ 36,00	

**ECOLED SMD HG ALU 3: PMMA Opal 3 mm**

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
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.

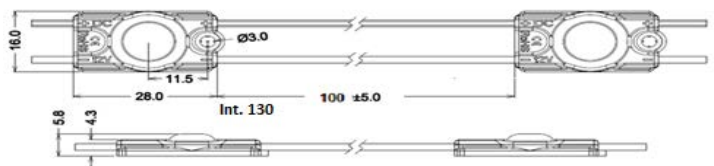
Spacing between modules: 10,5 cm.

Working temperature - 25 + 60 °C.


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

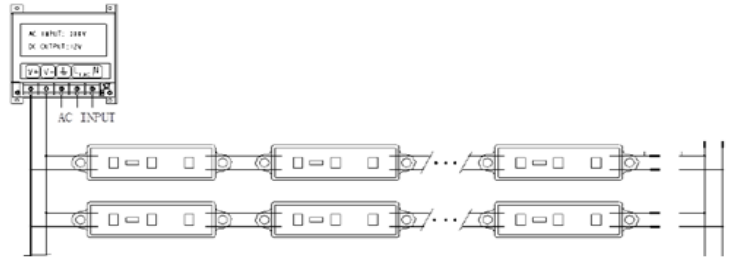
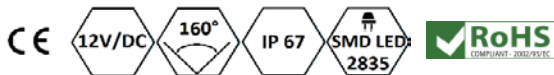
Polarity: white/red = positive - white = negative.

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

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	



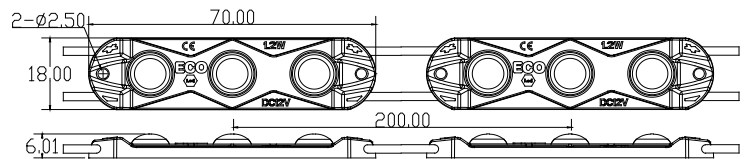
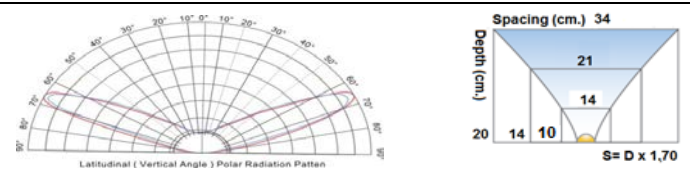
Standard length of serial connection: 50



**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.

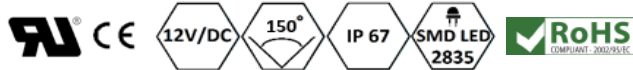
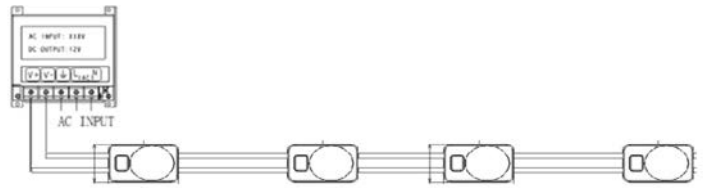


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNBW3ALU	Daylight	6.500-7.000 K	116	1,20	97	5/6	€ 0,88	€ 44,00	

**ECOLED SMD HB ALU 3: PMMA Opal 3 mm**

Application depth	Module spacing	Row spacing	Modules/m <sup>2</sup>	Lumen/m <sup>2</sup>	W/m <sup>2</sup>
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





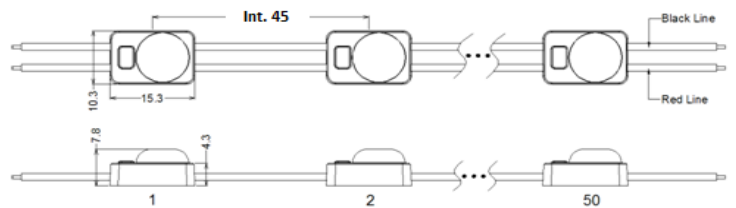
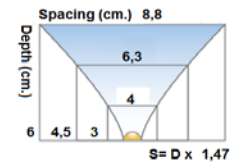
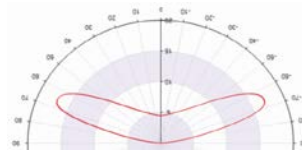
Standard length of serial connection: 50



### ECOLED SMD SMALL LENS

Recommended depth 30 - 80 mm

Ideal for backlighting channel letters and small sized light boxes.  
 IP67 protection, water and powder resistance.  
 50 modules chain, can be cut on wire between every module.  
 Chain length: 2,3 m.  
 Spacing between modules: 3 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			
LOEFNW1SL*	Daylight	6.000-7.000 K	36	0,24	150	24	2,30	€ 0,48	€ 24,00
LOEFNWW1SL	Warm White	2.700-3.500 K	36	0,36	100	24	2,30	€ 0,48	€ 24,00

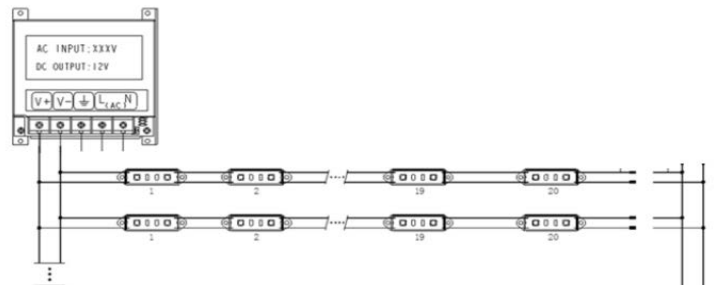
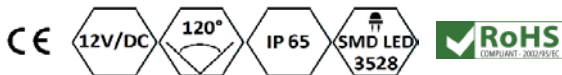
\* Not paired with the previous version

#### 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



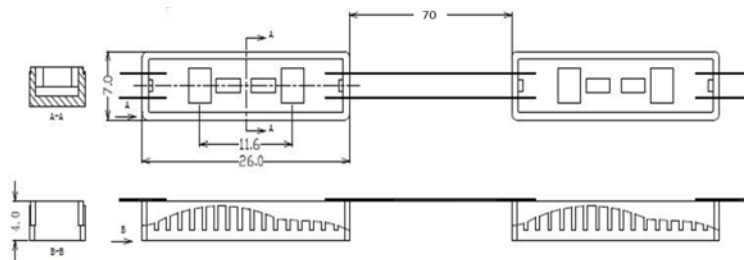
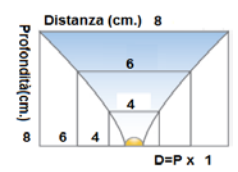
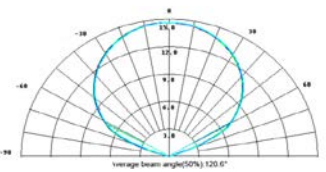




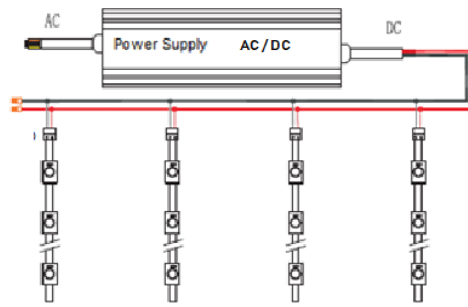
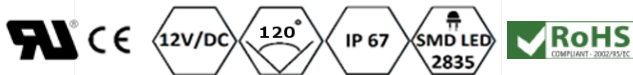
Standard length of serial connection: 20


**ECOLED SMD MINI**
**ON DEMAND**

Ideal for backlighting channel letters and small sized light boxes.  
 10 lumen per module, viewing angle 120°.  
 IP65 protection, water and powder resistance.  
 20 modules chain, can be cut on wire between every module.  
 Chain length: 1,3 m.  
 Spacing between modules: 7,0 cm.  
 Working temperature - 25 + 60 °C.  
 Nominal life time up to 30.000 hours at 20 °C.  
 Polarity: white/red = positive - white = negative.  
 2 Years Warranty.



Code	Description						Chain 20 mod. m	€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFN2CW	Warm White	2.700-3.300 K	10	0,24	42	15	1,30	€ 0,33	€ 6,50
LOEFN2B	Blue	463-475 nm	2	0,24	8	15	1,30	€ 0,43	€ 8,60
LOEFN2G	Green	512-528 nm	6	0,24	25	15	1,30	€ 0,43	€ 8,60
LOEFN2Y	Amber	584-595 nm	2	0,24	8	15	1,30	€ 0,43	€ 8,60



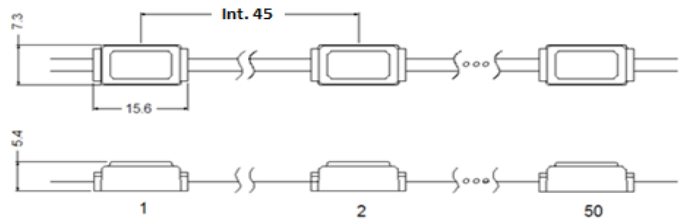
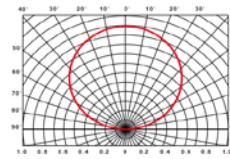
Standard length of serial connection: 25



**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.

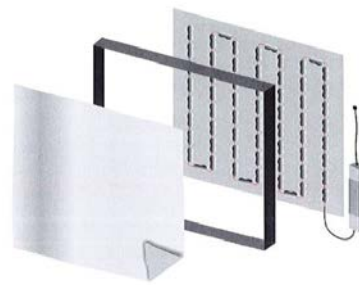
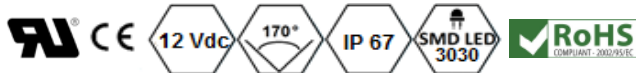


Code	Description						Chain 50 mod. m	€/module	€/Chain 50 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFNW1MN	Daylight	6.000-7.000 K	28	0,30	93	17	2,30	€ 0,42	€ 21,00
LOEFNNW1MN	Neutral White	3.800 - 4.500 K	28	0,30	93	17	2,30	€ 0,42	€ 21,00
LOEFNWW1MN	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





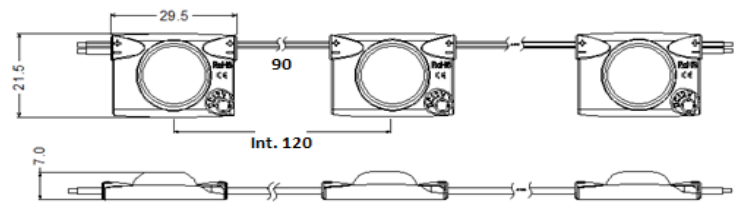
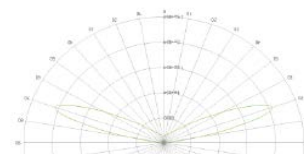
Standard length of serial connection: 30



**ECOLED BACKLITE LENS ALU**

Recommended depth 40 - 80 mm

For single sided luminous light boxes.  
Current control.  
Type of protection IP67.  
30 modules chain.  
Product can be dimmed.  
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.

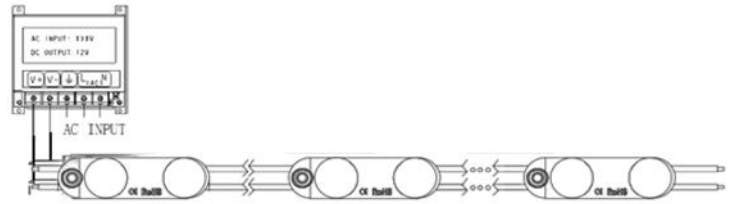


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEBAL09	Daylight	6.000-7.000 K	100	1	100	9	3,60	€ 0,80	€ 24,00

**ECOLED BACKLITE LENS ALU: PMMA Opal 3 mm / PEARL**

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
40	80	100	125	12.500	125
50	80	130	96	9.600	96
60	100	150	67	6.700	67
80	120	170	49	4.900	49





Standard length of serial connection: 100



## ECOLED HE ALU 2 LED

Recommended depth 40 - 80 mm

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

Very bright.

Current control.

IP67 protection, water and powder resistance.

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

Chain length: 15 m.

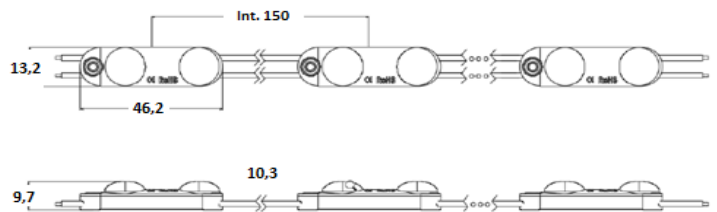
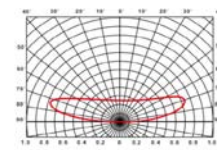
Spacing between modules: 10,3 cm.

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.

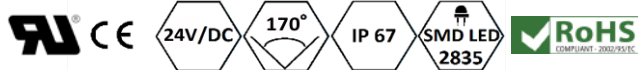
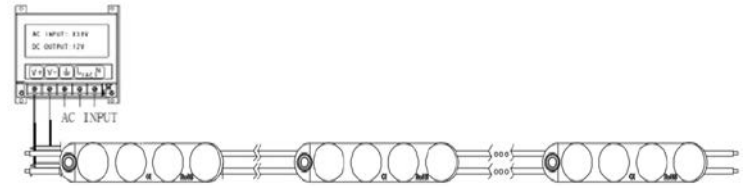


Code	Description						Chain 100 mod. m	€/module	€/Chain 100 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEFW2-24	Daylight	6.000-7.000 K	75	0,48	150	6/7	15	€ 0,64	€ 64,00

### ECOLED HE ALU 2 LED: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
40	70	70	204	15.300	97,92
50	90	90	123	9.225	59,04
60	110	110	83	6.225	39,84
80	150	150	44	3.300	21,12





Standard length of serial connection: 60



## ECOLED HE ALU 4 LED

Recommended depth 60 - 120 mm

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

Very bright.

Current control.

IP67 protection, water and powder resistance.

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

Chain length: 11,5 m.

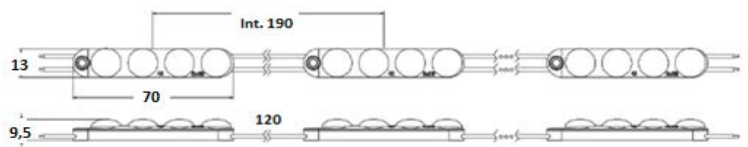
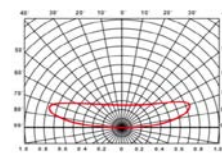
Spacing between modules: 12 cm.

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.

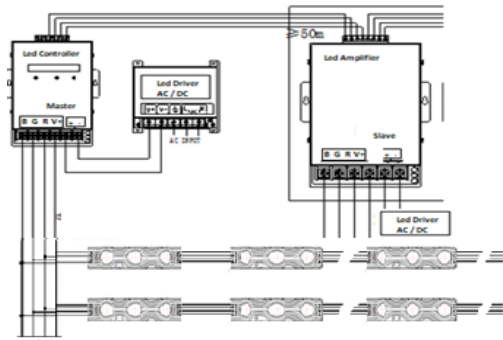
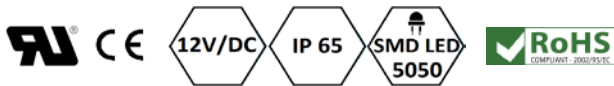


Code	Description						Chain 60 mod. m	€/module	€/Chain 60 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEFHEFW4-24	Daylight	6.000-7.000 K	140	0,96	145	6	11,50	€ 0,94	€ 56,40

### ECOLED HE ALU 4 LED: PMMA Opal 3 mm

Application depth	Module spacing	Row spacing	Modules/m2	Lumen/m2	W/m2
60	110	110	83	11.620	79,68
80	140	140	51	7.140	48,96
100	180	180	31	4.340	29,76
120	190	190	28	3.920	26,88



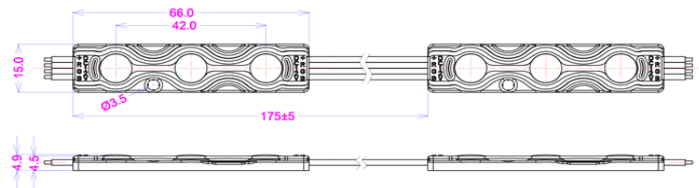
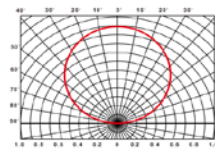


Standard length of serial connection: 20



**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.

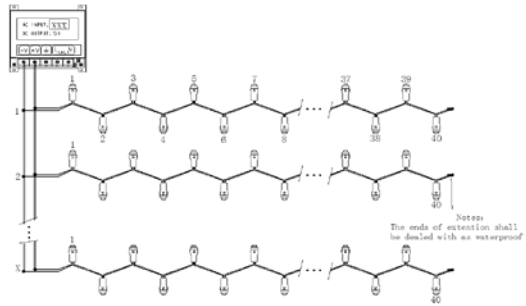
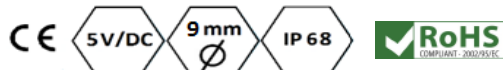


Code	Description						€/module	€/Chain 20 mod.
	Colour	Colour Temperature	Flux / Mod. (Lumen)	Consump. (W)	Modules per m	Chain 20 mod m		
LOEFNZRGB6A	Red	620-630 nm	7	0,72	5/6	3,50	€ 0,90	€ 18,00
	Blue	465-475 nm	4					
	Green	520-530 nm	21					

**ECO** Led<sup>®</sup>

**BACKLIGHTING LED MODULES**

**WARRANTY**  
**1**  
**YEAR**



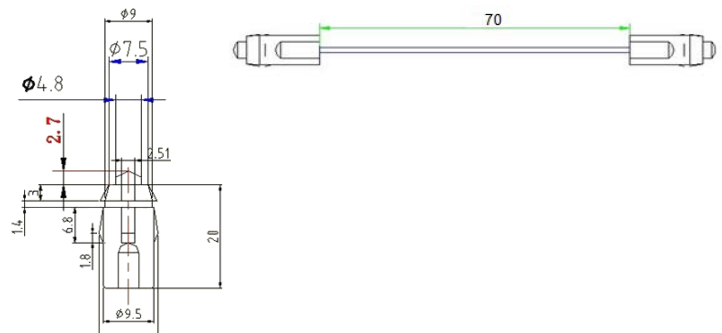
Standard length of serial connection: 50



**SINGLE ECOLED 9 mm**

**ON DEMAND**

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			
LOEFM2W	Daylight	6.000-7.000 K	5,00	0,10	50	12/13	3,50	€ 0,25	€ 12,50
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
LOEFM2G	Green	464-469 nm	4,50	0,10	45	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	€ 16,00
LONA035LPV5	90-264	5	30	6	148x40x30	€ 20,60
LONA060LPV5	90-264	5	40	8	162,5x42,5x32	€ 24,00
LONA100LPV5	90-264	5	60	12	190x52x37	€ 45,00





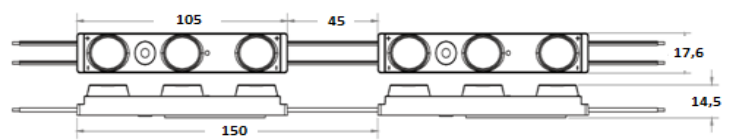
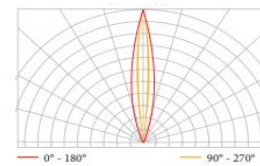
Standard length of serial connection: 30



## SIGNRAYZ ULTRA EDGE 750

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.



Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPEDGE65	Daylight	6.500 K	185	1,87	99	6/7	4,60	€ 3,80	€ 114,00
LOZPEDGE40	Neutral White	4.000 K	185	1,87	99	6/7	4,60	€ 3,80	€ 114,00
LOZPEDGE30	Warm White	3.000 K	185	1,87	99	6/7	4,60	€ 3,80	€ 114,00

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

ULTRA EDGE 750 Double sided PMMA Opal 3 mm - 2 sides			ULTRA EDGE 750 Backlighting PMMA Opal 3 mm - 2 sides		
Application depth	Module spacing	Reachout length	Application depth	Module spacing	Reachout length
50	115	760	50	115	910
75	115	910	75	115	1.520
100	115	1.070	100	115	1.520
125	115	1.070	127	115	1.520
150	115	1.070	150	115	1.520







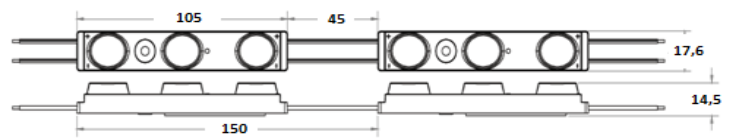
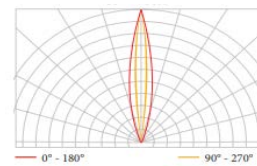
Standard length of serial connection: 20



## 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.

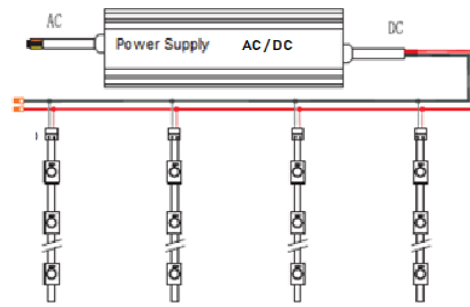


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOZPEDHO65	Daylight	6.500 K	250	2,76	91	4	4,60	€ 4,10	€ 123,00
LOZPEDHO40	Neutral White	4.000 K	250	2,76	91	4	4,60	€ 4,10	€ 123,00
LOZPEDHO30	Warm White	3.000 K	250	2,76	91	4	4,60	€ 4,10	€ 123,00

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





Standard length of serial connection: 30

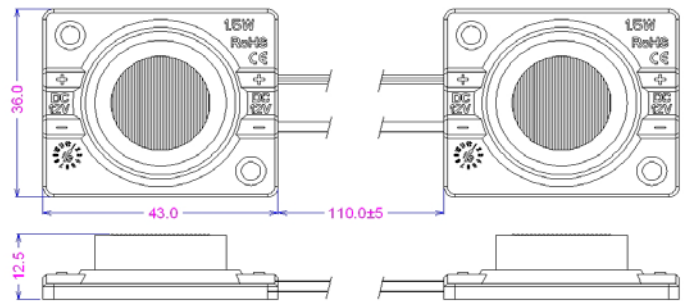
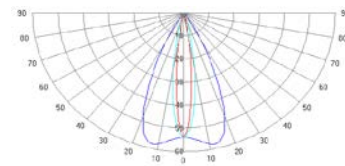


## ECOLED POWER SIDE ALU 1,5 W

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.

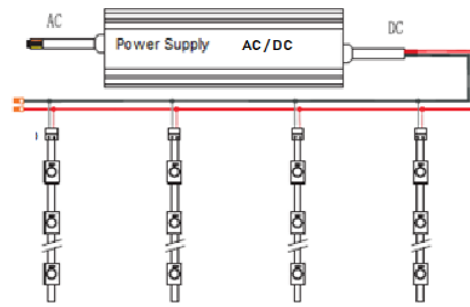


Code	Description						Chain 30 mod. m	€/module	€/Chain 30 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS15	Daylight	6.000-7.000 K	130	1,50	87	6/7	4,50	€ 1,40	€ 42,00

### 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





Standard length of serial connection: 20

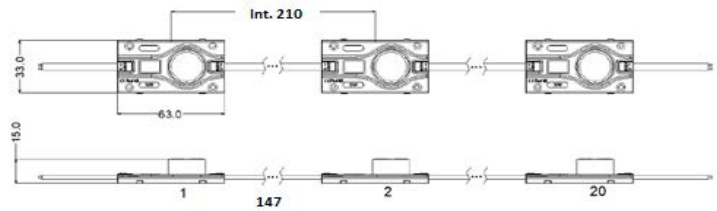
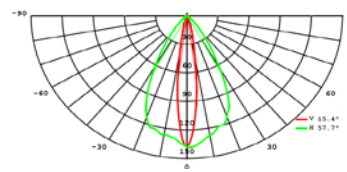


**ECOLED POWER SIDE ALU 3 W**

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: 4,2 m.  
Cable length between modules: 14,7 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.

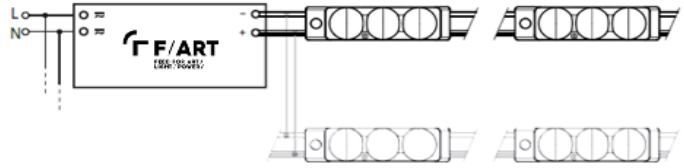


Code	Description						Chain 20 mod. m	€/module	€/Chain 20 mod.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (lm/W)	Modules per m			
LOEPS31	Daylight	6.000-7.000 K	220	3	73	6	4,20	€ 2,45	€ 49,00

**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

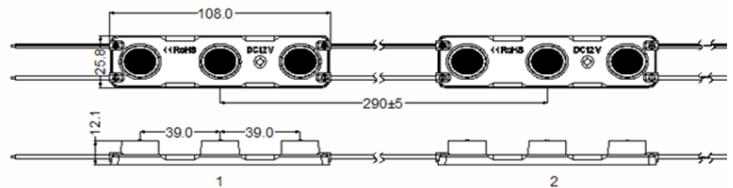
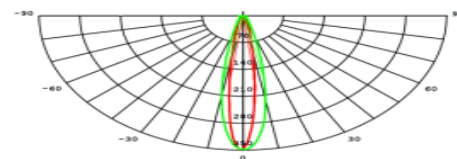


**ECOLED POWER SIDE ALU 3 LED**

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.

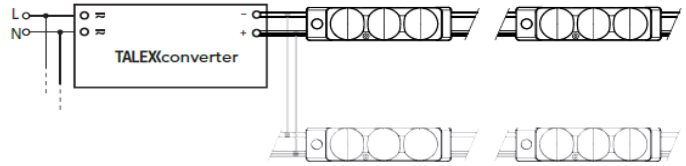
The module must be dissipated.



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



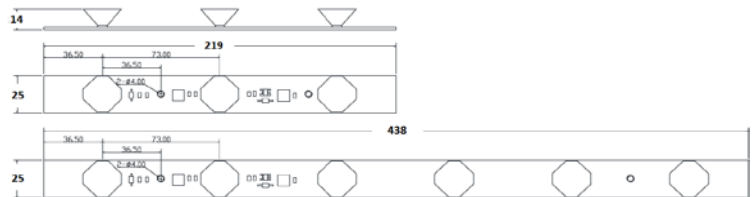
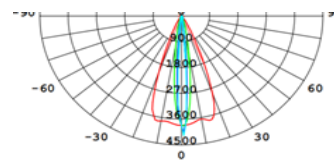
**ECO Led**
**PERIMETRAL LIGHT BOX BARS**
**WARRANTY**  
**5**  
 YEARS

**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.

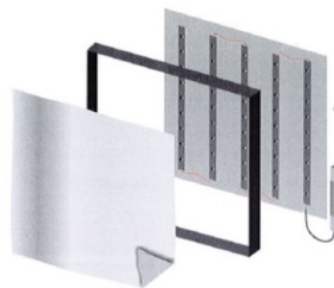
Dimmable product with special devices.



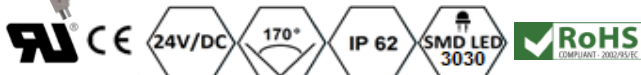
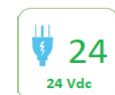
Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAS03	Daylight	6.000-7.000 K	3	760	95	8,00	219x25x14	€ 9,00
LOEBAS06	Daylight	6.000-7.000 K	6	1.160	75	15,50	438x25x14	€ 13,00
LOEBAS03NW	Neutral White	4.000-4.500 K	3	760	95	8,00	219x25x14	€ 9,00
LOEBAS06NW	Neutral White	4.000-4.500 K	6	1.160	75	15,50	438x25x14	€ 13,00

Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 4,40	

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	



Max. bars per line:  
**LOEBAC03 - 15**  
**LOEBAC06 - 10**  
**LOEBAC12 - 5**



## ECOLED BACKLITE BAR ALU LP

Recommended depth 40 - 120 mm

For square or rectangular single sided light box.

Current control.

IP62 protection, not suitable for any deterioration in the weather or climate conditions.

Dimmable product.

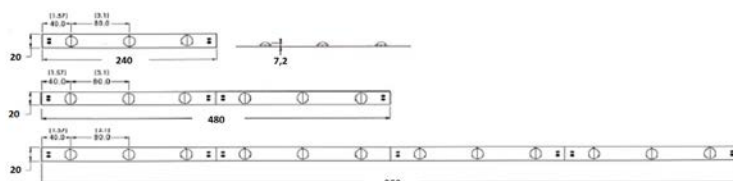
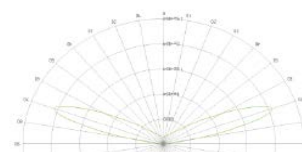
Working temperature - 25 + 60 °C.

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



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

5 Years Warranty.

**Cutting the bars is not recommended.**

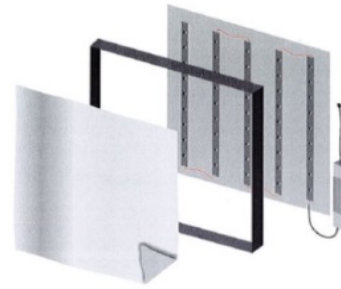


Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAC03	Daylight	6.000-7.000 K	3	175	73	2,40	240x20x7,2	€ 2,60
LOEBAC06	Daylight	6.000-7.000 K	6	345	77	4,50	480x20x7,2	€ 4,10
LOEBAC12	Daylight	6.000-7.000 K	12	690	77	9,00	960x20x7,2	€ 6,70
LOEBAC03NW	Neutral White	4.000-4.500 K	3	175	73	2,40	240x20x7,2	€ 2,60
LOEBAC06NW	Neutral White	4.000-4.500 K	6	345	77	4,50	480x20x7,2	€ 4,10
LOEBAC12NW	Neutral White	4.000-4.500 K	12	690	77	9,00	960x20x7,2	€ 6,70

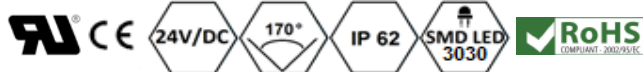
Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 4,40	
LOEBACON10	10 connectors dorsal with 10 cm cable length 18 cm distance between modules Max. 40 bars LOEBAC12 connectable	€ 6,00	

Installation settings			
Application depth	Bars spacing	Installation density/Pcs.	Lumen/m2
40-50	80	12	8.200
50-60	130	8	5.500
60-80	150	7	4.800
80-120	170	6	4.100





Max. bars per line:  
**LOEBAB03 - 12**  
**LOEBAB06 - 6**  
**LOEBAB12 - 3**



## ECOLED BACKLITE BAR ALU HB

Recommended depth 40 - 120 mm

### ON DEMAND

For square or rectangular single light boxes.  
 Current control.

IP62 protection, not suitable for any deterioration in the weather or climate conditions.  
 Dimmable product.

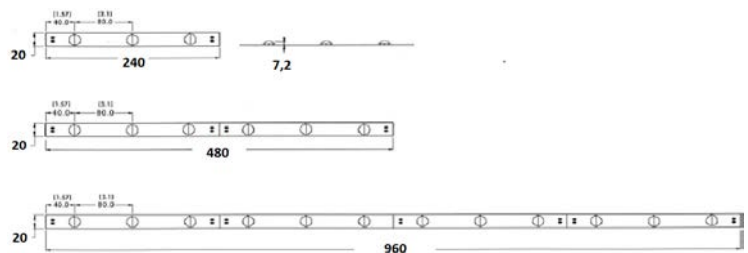
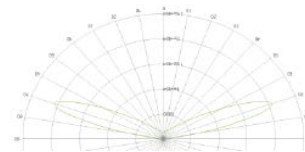
Working temperature - 25 + 60 °C.

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



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

5 Years Warranty.

**Cutting the bars is not recommended.**

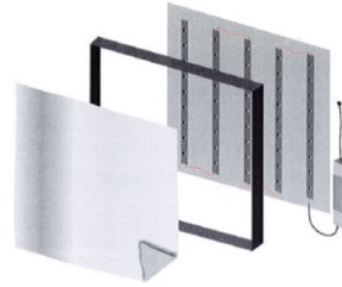
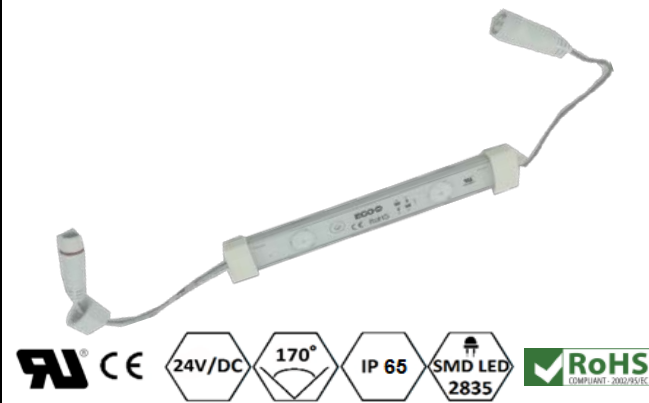


Code	Description							€/Pcs.
	Colour	Colour Temperature	N° LED per bar	Flux (lm)	Luminous Efficiency (lm/W)	Consump. (W)	Dimension mm	
LOEBAB03	Daylight	6.000-7.000 K	3	285	79	3,60	240x20x7,2	€ 2,60
LOEBAB06	Daylight	6.000-7.000 K	6	575	80	7,20	480x20x7,2	€ 4,10
LOEBAB12	Daylight	6.000-7.000 K	12	1.100	76	14,40	960x20x7,2	€ 6,70

Accessories Code	Description	€/Pack.	Image
LOEBARCON	10 pcs. package of couple connectors with 10 cm cable length	€ 4,40	
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	13.200
50-60	130	8	8.800
60-80	150	7	7.700
80-120	170	6	6.600





Max. bars per line:  
 LOEBAD02 - 30  
 LOEBAD06 - 10  
 LOEBAD12 - 5

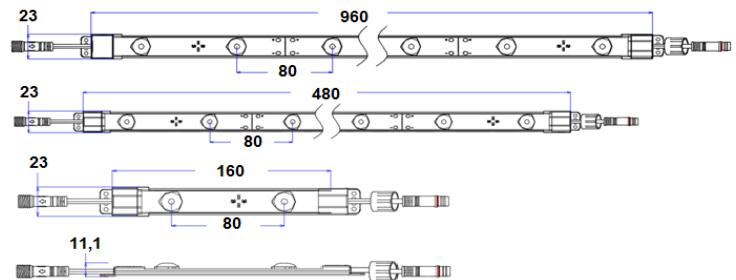
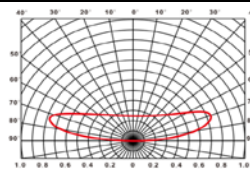


## ECOLED BACKLITE BAR ALU HE



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.  
 Dimmable product.  
 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.  
 Daylight white is different from that of LOEBAC and LOEBAB.



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	

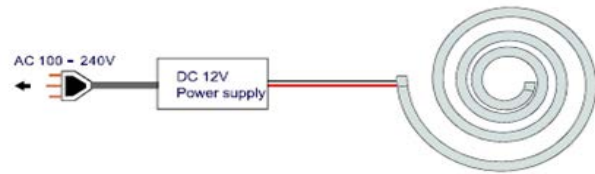
Installation settings			
Application depth	Bars spacing	Installation density/Pcs.	Lumen/m2
40-50	80	12	7.200
50-60	130	8	4.800
60-80	150	7	4.200
80-120	170	6	3.600





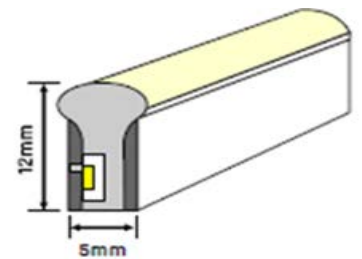
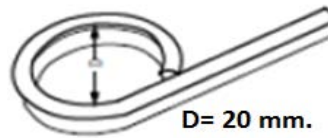
**ECO<sup>®</sup>** Led

**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.

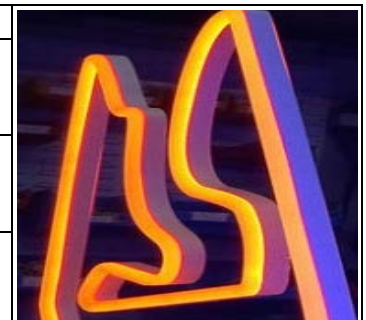
Ask to us the installation data sheet.



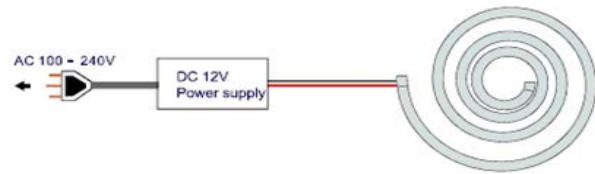
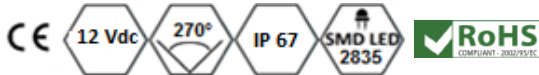
Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET3FNS512W	Daylight	6.000-7.000 K	120	5x12	380	10	€ 19,00	€ 190,00
LOET3FNS512NW	Neutral White	3.700-4.500 K	120	5x12	380	10	€ 19,00	€ 190,00
LOET3FNS512WW	Warm White	2.700-3.500 K	120	5x12	340	10	€ 19,00	€ 190,00
LOET3FNS512R	Red	620-630 nm	120	5x12	65	10	€ 19,00	€ 190,00
LOET3FNS512B	Blue	465-475 nm	120	5x12	40	10	€ 19,00	€ 190,00
LOET3FNS512G	Green	520-530 nm	120	5x12	140	10	€ 19,00	€ 190,00
LOET3FNS512O	Orange	585-595 nm	120	5x12	80	10	€ 20,00	€ 200,00
LOET3FNS512Y	Yellow	Yellow	120	5x12	80	10	€ 20,00	€ 200,00
LOET3FNS512X*	Altri colori		120	5x12		10	€ 20,00	€ 200,00

\*Pink and Purple colour available on request

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	€ 6,00	



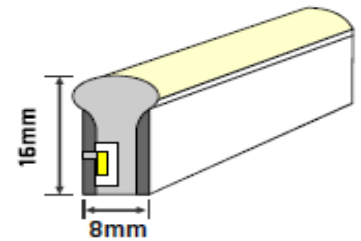
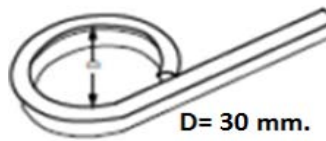
Use only original clips on tubes led flex



## ECOLED TUBE LED FLEX 8x16 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: 30 mm.  
 270° degree beam angle.  
 3 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		
LOET3FNS816W	Daylight	6.000-7.000 K	120	8x16	380	10	€ 23,00	€ 230,00
LOET3FNS816NW	Neutral White	3.700-4.500 K	120	8x16	380	10	€ 23,00	€ 230,00
LOET3FNS816WW	Warm White	2.700-3.500 K	120	8x16	340	10	€ 23,00	€ 230,00
LOET3FNS816R	Red	620-630 nm	120	8x16	65	10	€ 23,00	€ 230,00
LOET3FNS816B	Blue	465-475 nm	120	8x16	40	10	€ 23,00	€ 230,00
LOET3FNS816G	Green	520-530 nm	120	8x16	140	10	€ 23,00	€ 230,00
LOET3FNS816O	Orange	585-595 nm	120	8x16	80	10	€ 25,00	€ 250,00
LOET3FNS816Y	Yellow	Yellow	120	8x16	80	10	€ 25,00	€ 250,00
LOET3FNS816X*	Altri colori		120	8x16		10	€ 25,00	€ 250,00

\*Pink and Purple colour available on request

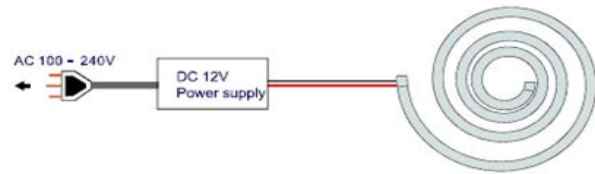
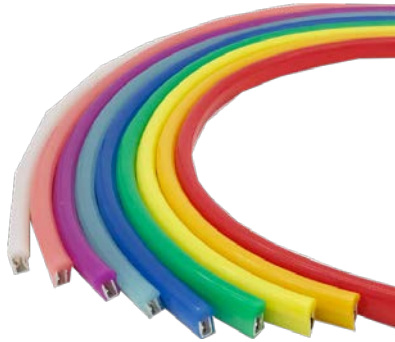
Accessories Code	Description	€/Pack.	Image
LOET3FNS816EC00	10 pcs. package of caps with hole	€ 6,00	
LOET3FNS816EC	10 pcs. package of caps without hole	€ 6,00	
LOET3FNS816MC	10 pcs. package of metal clips	€ 6,00	



Use only original clips on tubes led flex

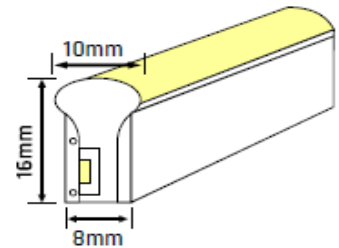
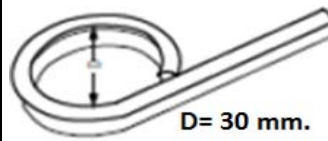
**ECO<sup>®</sup>** Led

**LED FLEX TUBES**

 WARRANTY  
**2**  
 YEARS

**ECOLED TUBE LED FLEX 8x16 PVC**





Light source of 120 LED/m.  
 Indoor use.  
 IP67 protection if wired correctly.  
 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.



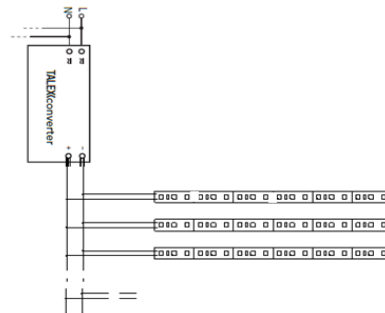
Code	Description						€/m	€/Roll 10 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux (lm)	Consump. W/m		
LOET3FN816W	Daylight	6.000-7.000 K	120	8X16	350	10	€ 14,00	€ 140,00
LOET3FN816NW	Neutral White	3.700-4.500 K	120	8X16	350	10	€ 14,00	€ 140,00
LOET3FN816WW	Warm White	2.700-3.500 K	120	8X16	310	10	€ 14,00	€ 140,00
LOET3FN816R	Red	620-630 nm	120	8X16	35	10	€ 14,00	€ 140,00
LOET3FN816B	Blue	465-475 nm	120	8X16	10	10	€ 14,00	€ 140,00
LOET3FN816G	Green	520-530 nm	120	8X16	110	10	€ 14,00	€ 140,00
LOET3FN816O	Orange	585-595 nm	120	8X16	50	10	€ 16,00	€ 160,00
LOET3FN816Y	Yellow	Yellow	120	8X16	50	10	€ 16,00	€ 160,00
LOET3FN816_X	Altri colori		120	8X16		10	€ 16,00	€ 160,00

\*Pink, Purple and Light Blue colour available on request

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	



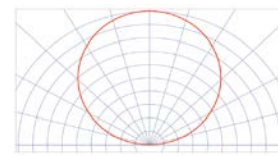
Use only original clips on tubes led flex



Max. length of connected series units:  
 25 m (4,8-7W)  
 15 m (10W)


**RIBBONRAYZ IP68**

Suitable for backlighting for interior and signage applications and architectural lighting.  
 LED strip for indoor and outdoor signage illumination.  
 Available in 3 different wattage ranges.  
 Can be cut every 7 LED per 125 mm.  
 IP68 protection, waterproof.  
 High colour consistency (MacAdam 3).  
 CRI >1 80.  
 Nominal life time up to 50.000 hours at 20 °C.  
 Working temperature - 40 + 60 °C.  
 3 Years Warranty.



Dimensions



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOZPLTR13030K050	Warm White	3.000 K	56	13x5.000	575	4,80	€ 21,40	€ 107,00
LOZPLTR13040K050	Neutral White	4.000 K	56	13x5.000	527	4,80	€ 21,40	€ 107,00
LOZPLTR13060K050	Daylight	6.000 K	56	13x5.000	527	4,80	€ 21,40	€ 107,00
LOZPLTR13030K070	Warm White	3.000 K	56	13x5.000	840	7,30	€ 22,60	€ 113,00
LOZPLTR13040K070	Neutral White	4.000 K	56	13x5.000	774	7,30	€ 22,60	€ 113,00
LOZPLTR13060K070	Daylight	6.000 K	56	13x5.000	774	7,30	€ 22,60	€ 113,00
LOZPLTR13030K100	Warm White	3.000 K	56	13x5.000	1120	10,00	€ 23,60	€ 118,00
LOZPLTR13040K100	Neutral White	4.000 K	56	13x5.000	1020	10,00	€ 23,60	€ 118,00
LOZPLTR13060K100	Daylight	6.000 K	56	13x5.000	1020	10,00	€ 23,60	€ 118,00

Upon request, available other colour temperatures (2400K - 2700K - 3500K)



# TRIDONIC

## LED STRIP

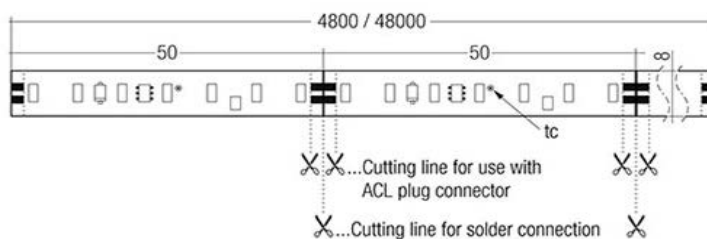


Max. length of connected series units: 4,8 m





### 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.



Code	Description						€/m	€/Roll 4,8 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOZLLES060827	Interior White	2.700 K	120	8x4.800	600	5	€ 13,13	€ 63,00
LOZLLES060830	Warm White	3.000 K	120	8x4.800	600	5	€ 13,13	€ 63,00
LOZLLES060840	Neutral White	4.000 K	120	8x4.800	600	5	€ 13,13	€ 63,00
LOZLLES060765	Daylight	6.500 K	120	8x4.800	600	5	€ 13,13	€ 63,00
LOZLLES120827	Interior White	2.700 K	120	8x4.800	1200	11	€ 14,17	€ 68,00
LOZLLES120830	Warm White	3.000 K	120	8x4.800	1200	10	€ 14,17	€ 68,00
LOZLLES120840	Neutral White	4.000 K	120	8x4.800	1200	10	€ 14,17	€ 68,00
LOZLLES120765	Daylight	6.500 K	120	8x4.800	1200	10	€ 14,17	€ 68,00
LOZLLES180827	Interior White	2.700 K	120	8x4.800	1800	14	€ 15,31	€ 73,50
LOZLLES180830	Warm White	3.000 K	120	8x4.800	1800	14	€ 15,31	€ 73,50
LOZLLES180840	Neutral White	4.000 K	120	8x4.800	1800	16	€ 15,31	€ 73,50
LOZLLES180765	Daylight	6.500 K	120	8x4.800	1800	16	€ 15,31	€ 73,50

Accessories Code	Description	€/Pack.	Image
LOZLLEPCB30	10 pcs. package of PCB connectors with cable 30 cm max length	€ 31,20	
LOZLLEPCBPCB	25 pcs. package of PCB/PCB connectors	€ 61,00	

# TRIDONIC

## LED STRIP

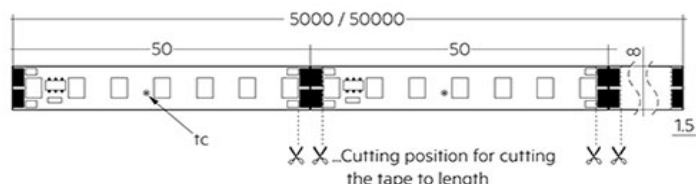


Max. length of connected series units: 5 m





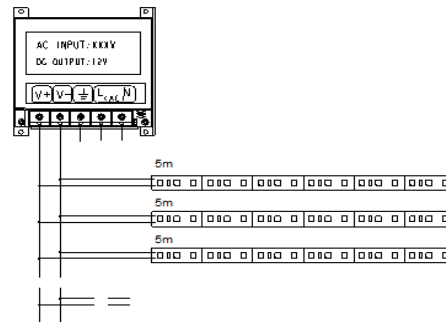
### TALEX LLE FLEX G1 EXCITE

Very high brightness dimmable 24 V constant voltage strip LED (SELV).  
 Ideal for application on aluminium extrusions but also for various decorative lighting applications such as cove lighting and façade accent lighting.  
 Extremely narrow pitch distance enables short distance to diffuser and outstanding homogeneity.  
 Small colour tolerance (MacAdam 3), CRI 90.  
 High design freedom due to 5 cm cut-options.  
 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.

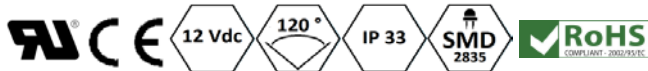


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOZLLEX060827	Interior White	2.700 K	140	8x4.800	1200	11	€ 25,06	€ 120,30
LOZLLEX060830	Warm White	3.000 K	140	8x4.800	1200	11	€ 25,06	€ 120,30
LOZLLEX060840	Neutral White	4.000 K	140	8x4.800	1200	11	€ 25,06	€ 120,30
LOZLLEX060765	Daylight	6.500 K	140	8x4.800	1200	11	€ 25,06	€ 120,30
LOZLLEX120827	Interior White	2.700 K	140	8x4.800	1800	18	€ 26,67	€ 128,00
LOZLLEX120830	Warm White	3.000 K	140	8x4.800	1800	18	€ 26,67	€ 128,00
LOZLLEX120840	Neutral White	4.000 K	140	8x4.800	1800	16	€ 26,67	€ 128,00
LOZLLEX120765	Daylight	6.500 K	140	8x4.800	1800	16	€ 26,67	€ 128,00
LOZLLEX180827	Interior White	2.700 K	140	8x4.800	2500	26	€ 28,46	€ 136,60
LOZLLEX180830	Warm White	3.000 K	140	8x4.800	2500	26	€ 28,46	€ 136,60
LOZLLEX180840	Neutral White	4.000 K	140	8x4.800	2500	23	€ 28,46	€ 136,60
LOZLLEX180765	Daylight	6.500 K	140	8x4.800	2500	23	€ 28,46	€ 136,60

Accessories Code	Description	€/Pack.	Image
LOZLLEPCB30	10 pcs. package of PCB connectors with cable 30 cm max length	€ 31,20	
LOZLLEPCBPCB	25 pcs. package of PCB/PCB connectors	€ 61,00	

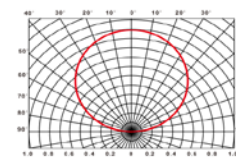


Max. length of connected series units: 2 m



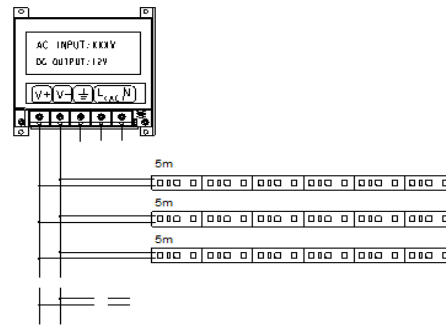
**ECOLED FLEX 3D**

Adjustable LED strip.  
Minimum bending diameter: 2 cm.  
With double-sided tape on the back.  
Tropicalized, not siliconed, white structure.  
IP33 protection, no waterproof.  
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





Max. length of connected series units: 5 m

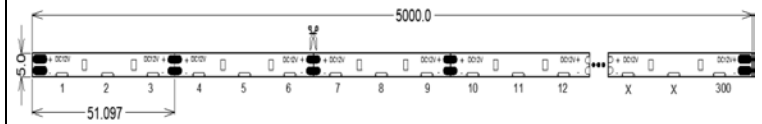


**ECOLED FLEX SIDE**

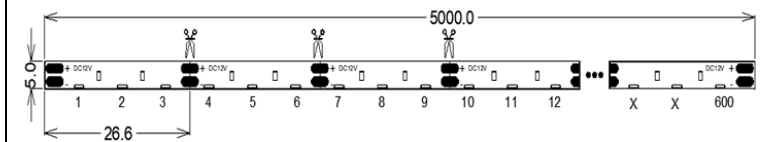
Strip LED side.  
With double-sided tape on the back. White structure.  
IP64 protection, waterproof.  
Can be cut every 3 LED. (5 cm)  
Polarity: red = positive - black = negative.  
Working temperature - 40 + 50 °C.  
3 Years Warranty.

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

**LOHFLSPW603014**



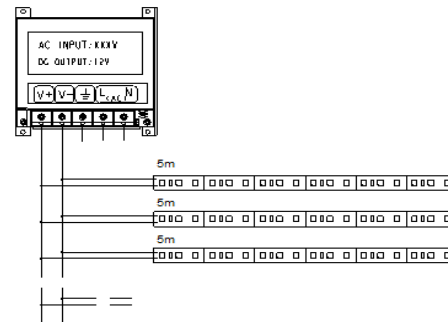
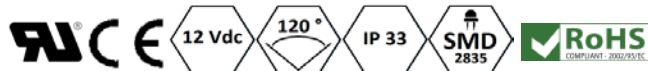
**LOHFLSPW1203014**



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







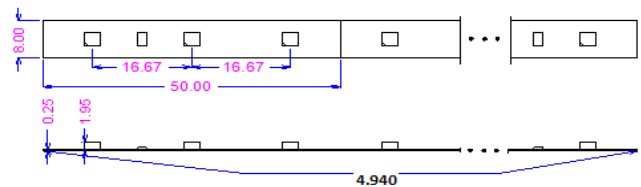
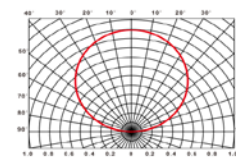
Max. length of connected series units: 5 m






## ECOLED FLEX 60 SMD 2835 IP33

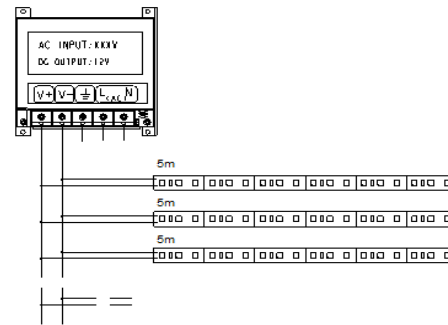
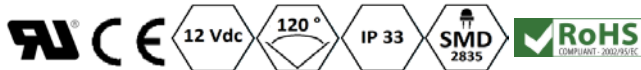
Strip LED ideal for straight and curved surfaces.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 3 LED. (5 cm)  
 Polarity: red = positive - black = negative.  
 Working temperature - 40 + 50 °C.  
 3 Years Warranty.

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		
LOEFLN2835	Daylight	6.000-7.000 K	60	8x4.940x2	450	6	€ 3,00	€ 15,00
LOEFLNWN2835	Neutral White	4.000-4.500 K	60	8x4.940x2	450	6	€ 3,00	€ 15,00
LOEFLWVN2835	Warm White	2.700-3.300 K	60	8x4.940x2	450	6	€ 3,00	€ 15,00
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

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	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip connectors for indoor use 150 mm cable length	€ 11,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 4,40	



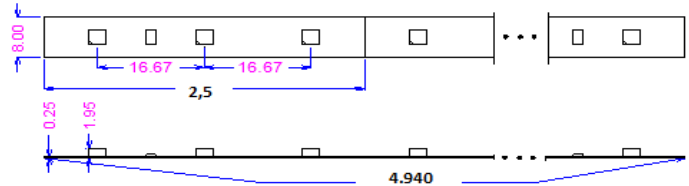
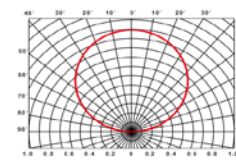
Max. length of connected series units: 5 m






## ECOLED FLEX 120 SMD 2835 IP33

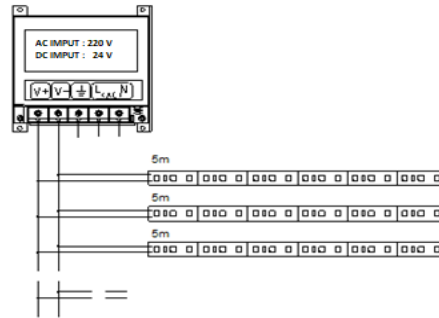
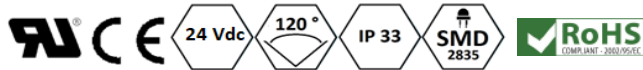
Strip LED ideal for straight and curved surfaces.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 3 LED. (2,5 cm)  
 Polarity: red = positive - black = negative.  
 Working temperature - 40 + 50 °C.  
 3 Years Warranty.

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		
LOEFLN1202835	Daylight	6.000-7.000 K	120	8x4.940x2	780	9,60	€ 5,20	€ 26,00
LOEFLN120NW2835	Neutral White	4.000-4.500 K	120	8x4.940x2	780	9,60	€ 5,20	€ 26,00
LOEFLN120WW2835	Warm White	2.700-3.300 K	120	8x4.940x2	780	9,60	€ 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	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip connectors for indoor use 150 mm cable length	€ 11,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 4,40	



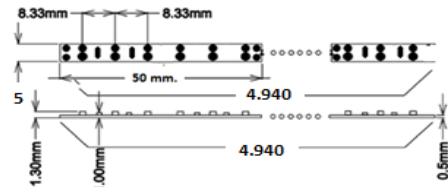
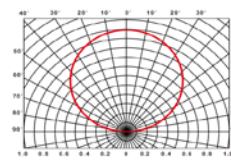
Max. length of connected series units: 5 m



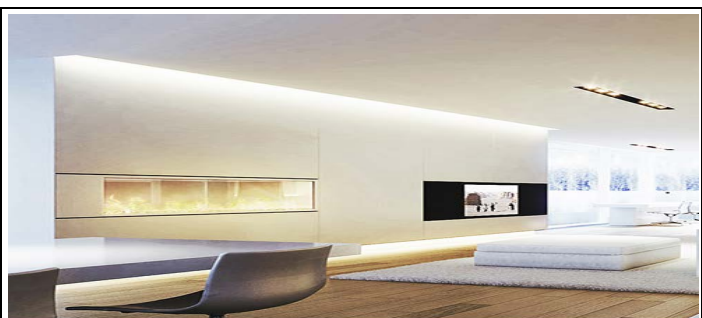
**ECOLED FLEX SMART HB 120 IP33**

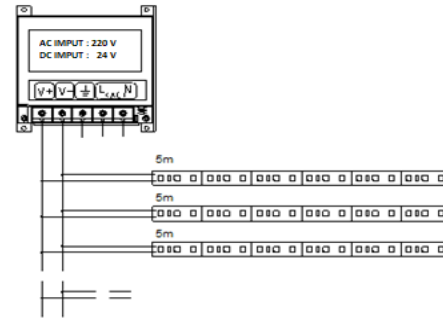
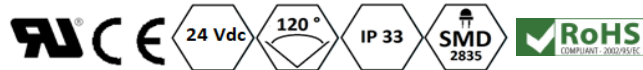
Slim design high brightness strip LED.  
With double-sided tape on the back.  
Resinated, white structure.  
IP33 protection, no waterproof.  
Can be cut every 6 LED. (5 cm)  
Polarity: red = positive - black = negative.  
Working temperature - 40 + 50 °C.  
3 Years Warranty.

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		
LOEFLN241205	Daylight	6.000-7.000 K	120	5x4.940x2	1080	9,60	€ 6,80	€ 34,00
LOEFLN24120NW5	Neutral White	4.000-4.500 K	120	5x4.940x2	1080	9,60	€ 6,80	€ 34,00
LOEFLN24120WW5	Warm White	2.700-3.300 K	120	5x4.940x2	1080	9,60	€ 6,80	€ 34,00





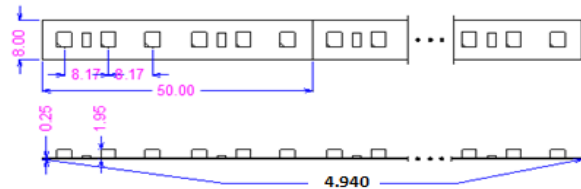
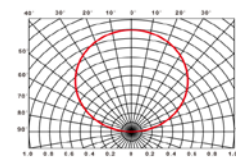
Max. length of connected series units: 5 m






## ECOLED FLEX CLASSIC HB 120 IP33

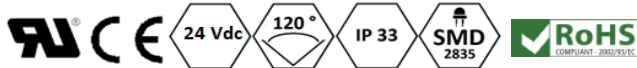
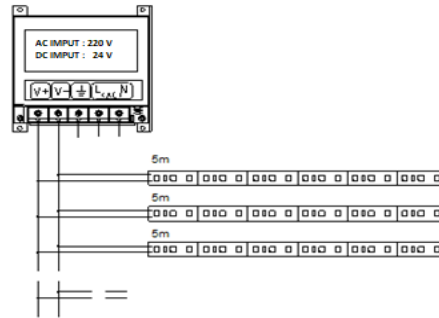
High brightness strip LED.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 6 LED. (5 cm)  
 Polarity: red = positive - black = negative.  
 Working temperature - 40 + 50 °C.  
 3 Years Warranty.

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		
LOEFLN24120	Daylight	6.000-7.000 K	120	8x4.940x2	1080	9,60	€ 6,80	€ 34,00
LOEFLN24120NW	Neutral White	4.000-4.500 K	120	8x4.940x2	1080	9,60	€ 6,80	€ 34,00
LOEFLN24120WW	Warm White	2.700-3.300 K	120	8x4.940x2	1080	9,60	€ 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	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip connectors for indoor use 150 mm cable length	€ 11,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 4,40	



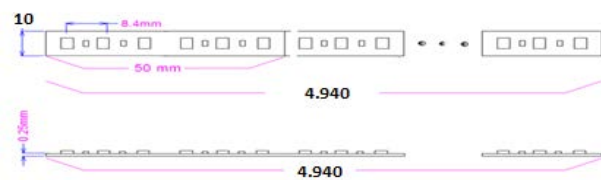
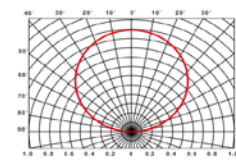
Max. length of connected series units: 5 m






## ECOLED FLEX PREMIUM HB 120 IP33

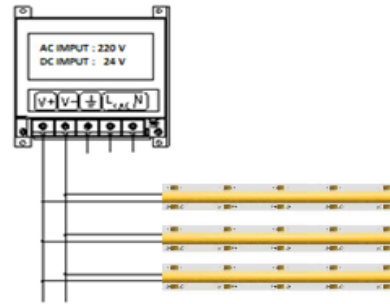
High brightness strip LED.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 6 LED. (5 cm)  
 Polarity: red = positive - black = negative.  
 Working temperature - 40 + 50 °C.  
 3 Years Warranty.

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		
LOEFLN24120P	Daylight	6.000-7.000 K	120	10x4.980x2	1800	19,20	€ 7,80	€ 39,00
LOEFLN24120PNW	Neutral White	4.000-4.500 K	120	10x4.980x2	1800	19,20	€ 7,80	€ 39,00
LOEFLN24120PWW	Warm White	2.700-3.300 K	120	10x4.980x2	1800	19,20	€ 7,80	€ 39,00

Accessories Code	Description	€/Pack.	Image
LOEFLZCSS10	10 pcs. package of 10 mm width strip power connector for indoor use 150 mm cable length	€ 6,50	
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	€ 4,40	

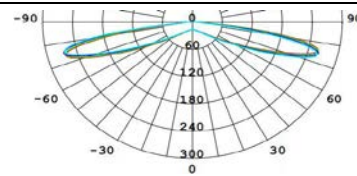
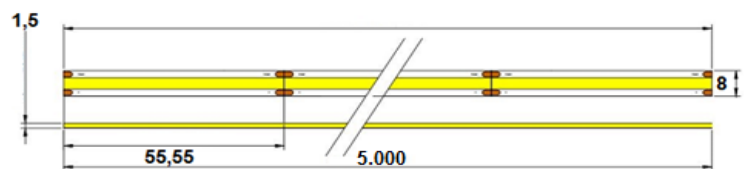


Max. length of connected series units: 5 m


**ECOLED FLEX COB 378 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, no waterproof.  
 Can be cut every 55,5 mm.  
 Polarity: red = positive - black = negative.  
 Working temperature - 25 + 45 °C.  
 3 Years Warranty.

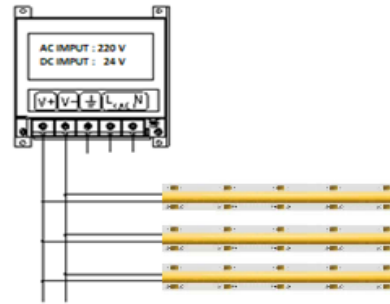
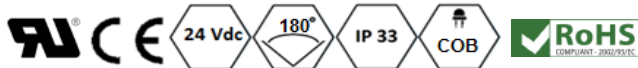
Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.  
 For LED profiles see Ch. 4 (Profiles).


**378 LED**


Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24W378COB	Daylight	6.500 K	378	8x5.000x1,5	1.000	10	€ 8,74	€ 43,71
LOEFLN24NW378COB	Neutral White	4.000 K	378	8x5.000x1,5	1.000	10	€ 8,74	€ 43,71
LOEFLN24WW378COB	Warm White	3.000 K	378	8x5.000x1,5	1.000	10	€ 8,74	€ 43,71

On request colour temperature 2700K

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

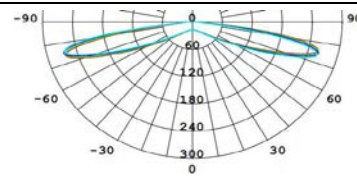


Max. length of connected series units: 5 m

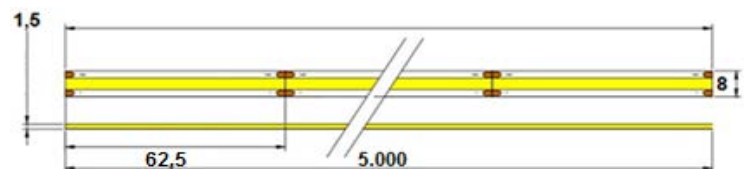

**ECOLED FLEX COB 512 LED IP33**
**NEW**

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, no waterproof.  
 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).





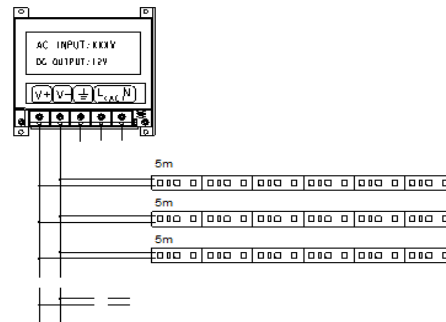
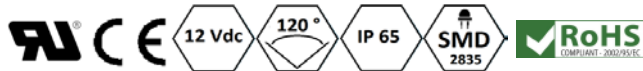
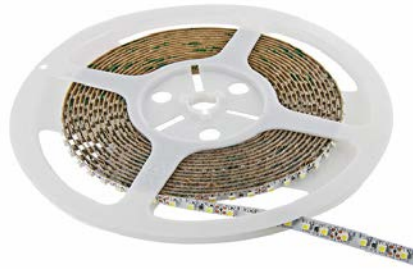
512 LED



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFLN24W512COB	Daylight	6.500 K	512	8x5.000x1,5	1.200	10	€ 11,24	€ 56,18
LOEFLN24NW512COB	Neutral White	4.000 K	512	8x5.000x1,5	1.200	10	€ 11,24	€ 56,18
LOEFLN24WW512COB	Warm White	3.000 K	512	8x5.000x1,5	1.200	10	€ 11,24	€ 56,18

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 with cable	€ 7,80	
LOEFLZCOBP08	10 pcs. package of 8 mm width connectors	€ 7,80	



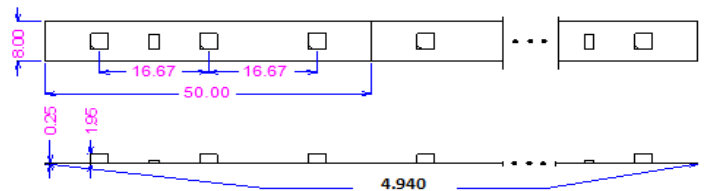
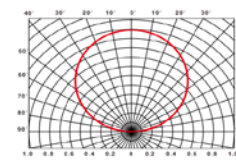
Max. length of connected series units: 5 m






## ECOLED FLEX 60 SMD 2835 IP65

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

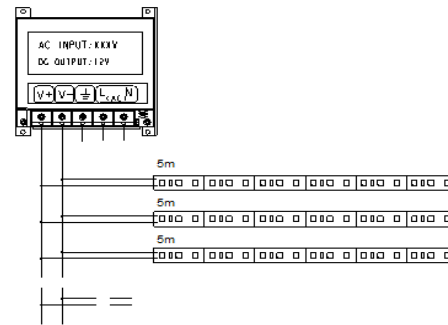
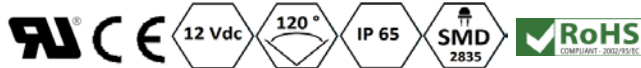
Modules should not be directly exposed to atmospheric agents because UV rays could damage the SMD LED (phosphors) and the module case.  
 For LED profiles see Ch. 4 (Profiles).



Code	Description						€/m	€/Roll 5 m
	Colour	Colour Temperature	Nr. LED/m	Dimensions mm	Flux Lumen/m	Consump. W/m		
LOEFL1W2835	Daylight	6.000-7.000 K	60	8x4.940x2	450	6	€ 4,40	€ 22,00
LOEFL1NW2835	Neutral White	4.000-4.500 K	60	8x4.940x2	450	6	€ 4,40	€ 22,00
LOEFL1WW2835	Warm White	2.700-3.300 K	60	8x4.940x2	450	6	€ 4,40	€ 22,00
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

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	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip connectors for indoor use 150 mm cable length	€ 11,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 4,40	





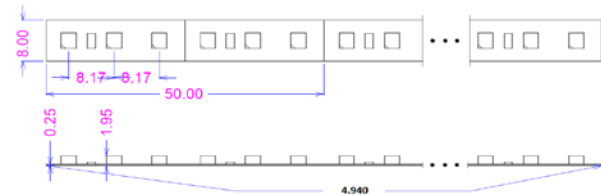
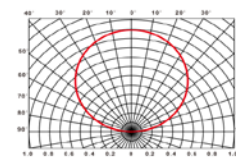
Max. length of connected series units: 5 m






## ECOLED FLEX 120 SMD 2835 IP65

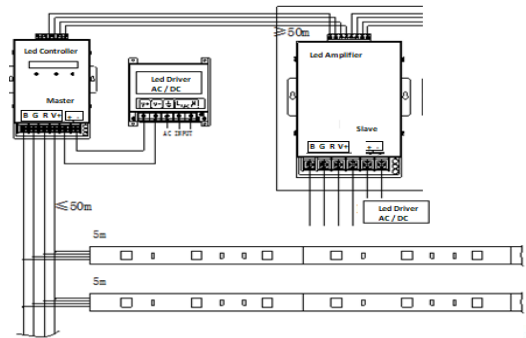
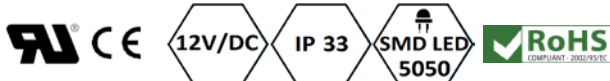
Outdoor high brightness strip LED.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP65 protection, waterproof.  
 Can be cut every 3 LED. (5 cm)  
 Polarity: red = positive - black = negative.  
 Working temperature - 40 + 50 °C.  
 3 Years Warranty.

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		
LOEFL1W1202835	Daylight	6.000-7.000 K	120	8x4.940x2	780	9,60	€ 6,40	€ 32,00
LOEFL1NW1202835	Neutral White	4.000-4.500 K	120	8x4.940x2	780	9,60	€ 6,40	€ 32,00
LOEFL1WW1202835	Warm White	2.700-3.300 K	120	8x4.940x2	780	9,60	€ 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	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip connectors for indoor use 150 mm cable length	€ 11,30	
LOEBARCON	Package of 10 pcs. couple connectors with 10 cm cable length	€ 4,40	



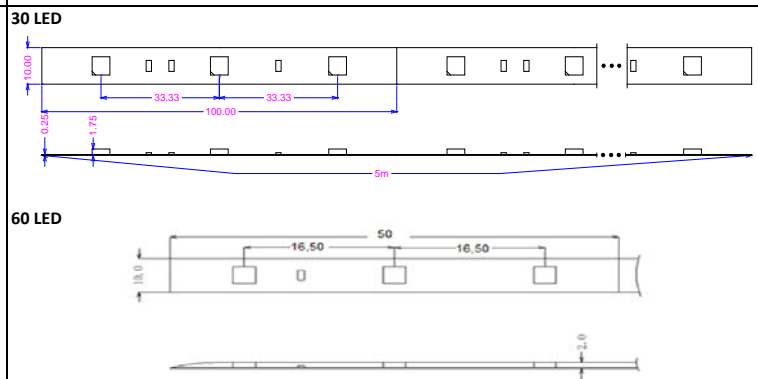
Max. length of connected series units: 5 m





## ECOLED FLEX RGB SMD 5050 IP33

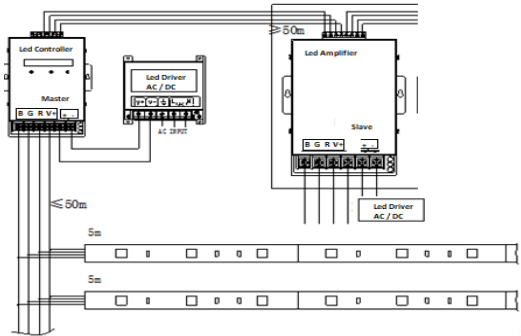
Strip LED RGB.  
 Beam angle 120°.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 3 LED.  
 TYPE 30 LED/m. (10 cm)  
 TYPE 60 LED/m. (5 cm)  
 Polarity: yellow = positive - red = red - green = green - blue = blue.  
 Working 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 <b>PHASE OUT</b>	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	



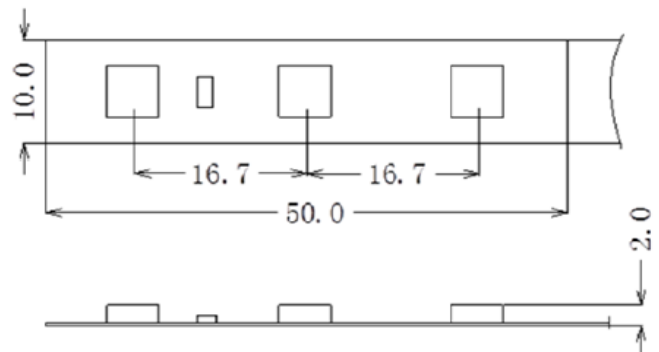
Max. length of connected series units: 5 m





## ECOLED FLEX RGB SMD 5050 IP65

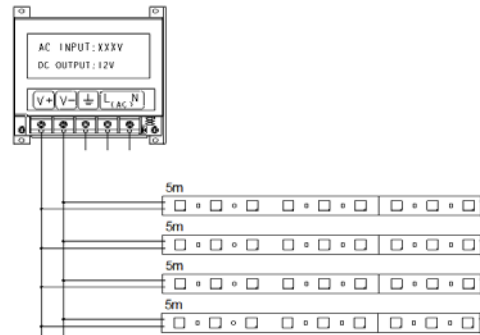
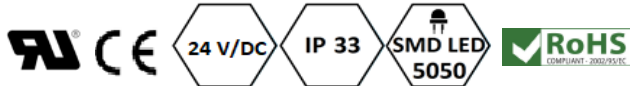
Outdoor strip LED RGB.  
 Beam angle 120°.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP65 protection, waterproof.  
 Can be cut every 3 LED.  
 TYPE 60 LED/m. ( 5 cm)  
 Polarity: yellow = positive - red = red - green = green - blue = blue.  
 Working temperature: - 40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



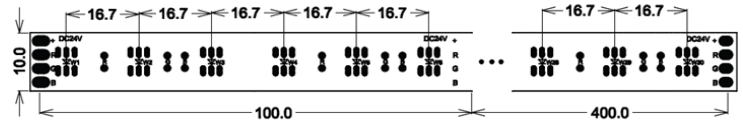
Max. length of connected series units: 5 m





## ECOLED FLEX RGB SMD 5050 IP33

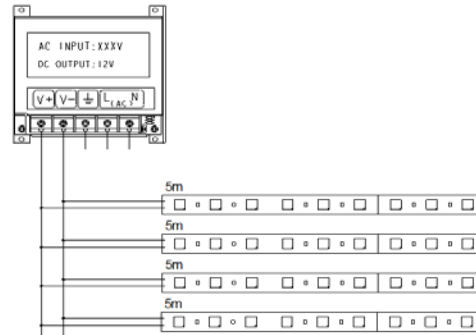
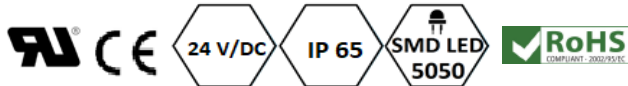
Strip LED RGB.  
 Beam angle 120°.  
 With double-sided tape on the back.  
 Resinated, white structure.  
 IP33 protection, no waterproof.  
 Can be cut every 6 LED.  
 TYPE 60 LED/m. ( 5 cm)  
 Polarity: yellow = positive - red = red - green = green - blue = blue.  
 Working temperature: - 40 + 50 °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	

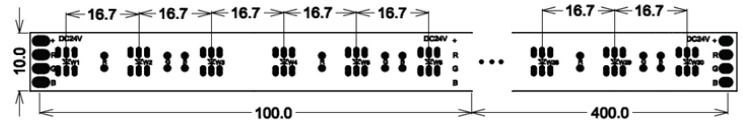


Max. length of connected series units: 5 m




**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, waterproof.  
 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			

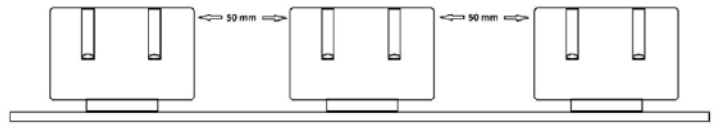
Accessories Code	Description	€/Pack.	Image
LOEFLZCRGBS10	10 pcs. package of 10 mm width strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCRGBDL10	10 pcs. package of 10 mm width strip connectors for indoor use 150 mm cable length	€ 15,00	

## LED ACCESSORIES

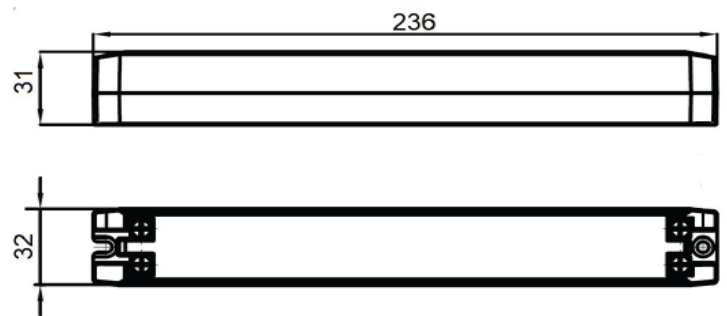
Code	Description 	€/Pack.	Image
LOEFLZCSS08	10 pcs. package of 8 mm width strip LED power connector for indoor use 150 mm cable length	€ 6,50	
LOEFLZCSS10	10 pcs. package of 10 mm width strip LED power connector for indoor use 150 mm cable length	€ 6,50	
LOEFLZCRGBS10	10 pcs. package of 10 mm width RGB strip power connector for indoor use 150 mm cable length	€ 8,90	
LOEFLZCSDL08	10 pcs. package of 8 mm width strip LED connectors for indoor use 150 mm cable length	€ 11,30	
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	€ 4,40	
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	€ 75,00	
LOEP2X1,00	Bipolar Red/Black wire 2x1,00, for electrical connections and power supply Max current 4 A 100 m package	€ 100,00	
LOEP2X1,50	Bipolar Red/Black wire 2x1,50, for electrical connections and power supply Max current 6 A 100 m package	€ 140,00	
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	€ 18,10	
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	€ 18,80	
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	€ 27,70	
LOZ3ME9BM	Plier for locking connectors It ensures the correct 3M connectors closing with an uniform pressure	€ 79,50	
LOEF0002	Protective case for strip led 20 m package	€ 27,00	
LOEF0003	10 pcs. package of closing caps for protective case	€ 1,10	
LOJ08101	6 way distributor white 12/24 V Max current 6 A	€ 3,50	
LOJ08110	10 way distributor white 12/24 V Max current 6 A	€ 4,06	
LOJ08103	6 way distributor white with jack 12/24 V Max current 6 A	€ 2,78	
LOJ08108	Fast male/male cable for distributor 1,5 m Max current 3 A	€ 1,88	




 MADE IN ITALY  **IP 20 SELV**   









**VIRGO LED POWER SUPPLY IP20**

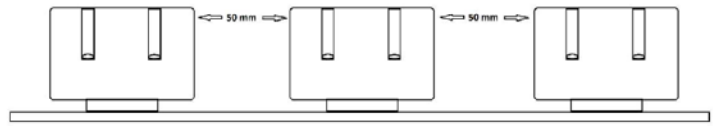
12V and 24V LED power supply.  
 Suitable for signs LED strip and modules.  
 Very thin case, making the Virgo ideal to be installed in small and narrow profiles.  
 Epoxy resin case.  
 Protections built in: OLP (Over Load), OVP (Over Voltage), SCP (Short Circuit).  
 Constant voltage, SELV, flickering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



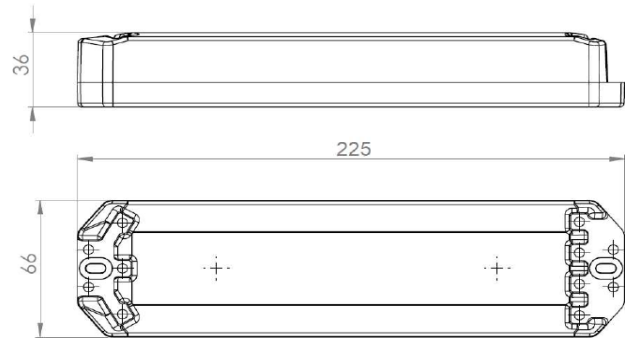
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAV03012	220-240	20	12	30	50/60	236x32x31	0,47	€ 18,90
LOFAV06012	220-240	20	12	60	50/60	236x32x31	0,48	€ 26,10
LOFAV06024	220-240	20	24	60	50/60	236x32x31	0,48	€ 26,10




 MADE IN ITALY 
**IP 20 SELV**     


**SAGIT LED DRIVER IP20**

12V and 24V 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.

**LOFAS10012**














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	
LOFAS10012	120-240	20	12	100	50/60	225x66x36	1,05	€ 43,20
LOFAS15012	220-240	20	12	150	50/60	244x70x36	1,15	€ 54,00
LOFAS10024	120-240	20	24	100	50/60	225x66x36	1,05	€ 43,20
LOFAS15024	220-240	20	24	150	50/60	244x70x36	1,15	€ 54,00

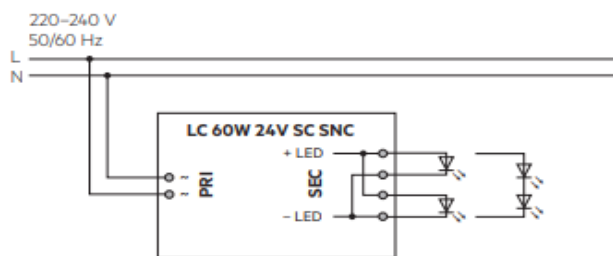
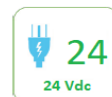


# TRIDONIC

## INDOOR LED POWER SUPPLIES


**5 YEARS WARRANTY**

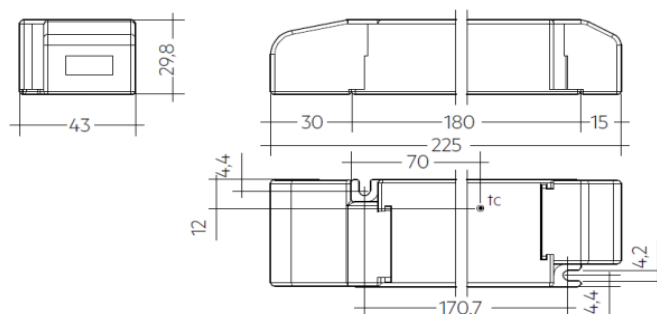

IP20 SELV                  



**24 Vdc**

### 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



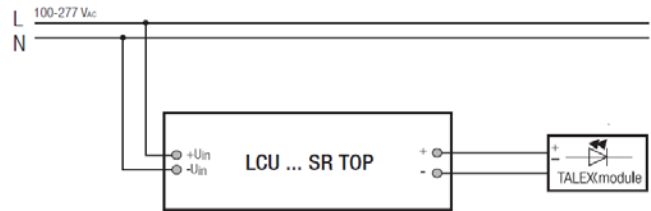
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK035/24ES	220-240	20	24	35	50/60	142x43x29,8	0,13	€ 14,50
LOZK060/24ES	220-240	20	24	60	50/60	225x43x29,8	0,18	€ 21,20
LOZK100/24ES	220-240	20	24	100	50/60	295x43x29,8	0,22	€ 28,00
LOZK200/24ES	220-240	20	24	200	50/60	325x43x29,8	0,35	€ 48,00

# TRIDONIC

## INDOOR LED POWER SUPPLIES



IP20 SELV Class 2      RoHS

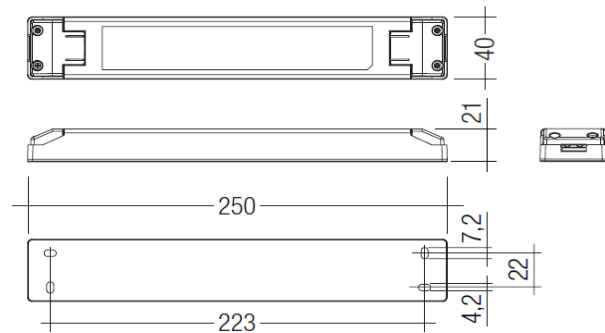


### TALEXX CONVERTER LCU IP20

#### 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	
LOZK035/12IP20	100-277	20	12	35	50/60	220x40x21	0,23	€ 24,70
LOZK060/12IP20	100-277	20	12	60	50/60	250x40x21	0,29	€ 35,80
LOZK100/12IP20	120-240	20	12	100	50/60	270x63x40,5	0,46	€ 43,10
LOZK150/12IP20	120-240	20	12	150	50/60	270x63x40,5	0,80	€ 76,50
LOZK060/24IP20	100-240	20	24	60	50/60	242,6x52x32	0,28	€ 35,80
LOZK100/24IP20	120-240	20	24	96	50/60	236,6x60x34	0,34	€ 43,10
LOZK180/24IP20	120-240	20	24	180	50/60	280x64x31	0,85	€ 73,00



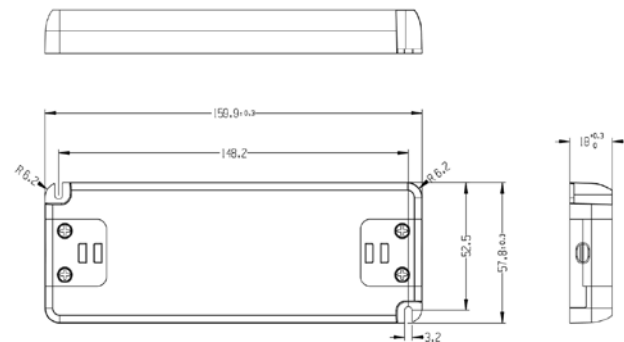
## INDOOR LED POWER SUPPLIES



### 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	€ 8,04
LONASN30	200-240	20	12	30	50/60	156x50x17	0,15	€ 13,97
LONASN50	200-240	20	12	50	50/60	160x58x18	0,17	€ 18,77
LONASN2024	200-240	20	24	20	50/60	103x35x16	0,07	€ 7,96
LONASN3024	200-240	20	24	30	50/60	156x50x17	0,15	€ 13,97
LONASN5024	200-240	20	24	50	50/60	160x58x18	0,17	€ 18,36



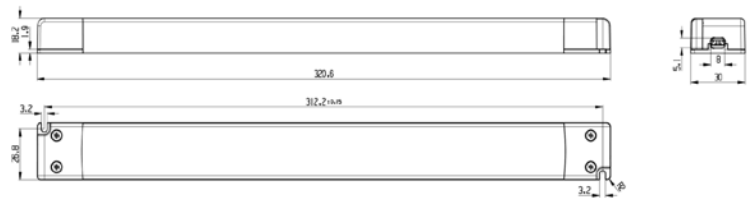
## INDOOR LED POWER SUPPLIES



### 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

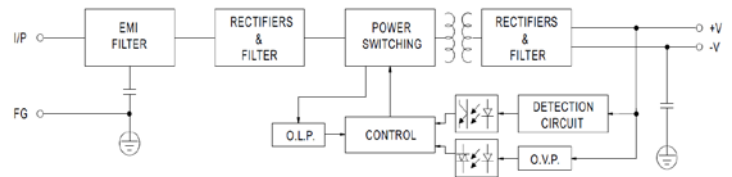


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONASN075LT	200-240	20	12	75	50/60	304,6x30x16,7	0,20	€ 32,76
LONASN100LT	200-240	20	12	100	50/60	312x27x18	0,24	€ 40,04
LONASN150LT	200-240	20	12	150	50/60	322,6x30x21,5	0,35	€ 50,13
LONASN075LT24	200-240	20	24	75	50/60	304,6x30x16,7	0,20	€ 29,12
LONASN100LT24	200-240	20	24	100	50/60	312x27x18	0,24	€ 36,21
LONASN150LT24	200-240	20	24	150	50/60	322x30x21,5	0,35	€ 50,13



## INDOOR LED POWER SUPPLIES

WARRANTY  
3  
 YEARS



### MEAN WELL SWITCHING RS/LRS IP20

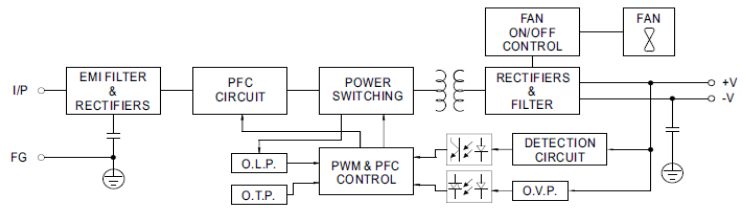
Constant voltage LED Driver.  
 Universal AC input.  
 Ideal for industrial automation machinery and household appliances.  
 Short circuit, overload and over voltage protection.  
 High operating temperature + 70 °C.  
 LED indicator for power on.  
 NO SELV, the manufacturer stated that these power 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	€ 14,50
LONA100LRS	85-264	20	12	102,00	47/63	129x97x30	0,34	€ 17,00
LONA150LRS	85-264	20	12	150,00	47/63	159x97x30	0,48	€ 20,50
LONA075LRS24	85-264	20	24	76,80	47/63	99x97x30	0,30	€ 14,50
LONA100LRS24	85-264	20	24	108,00	47/63	129x97x30	0,34	€ 17,00
LONA150LRS24	85-264	20	24	156,00	47/63	159x97x30	0,48	€ 20,50



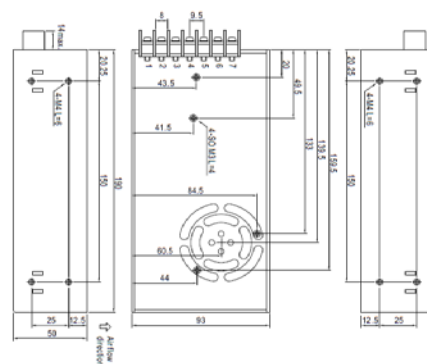
**INDOOR LED POWER SUPPLIES**



**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.

**LONA240SP**



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	
LONA240SP	88-264	20	12	240	47/63	190x93x50	0,80	€ 57,58
LONA320RSP	88-264	20	12	320	47/63	215x115x50	1,10	€ 52,88



## INDOOR LED POWER SUPPLIES

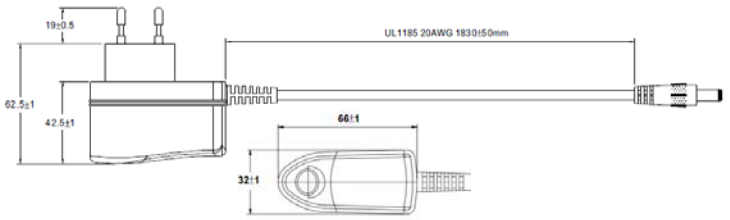
**WARRANTY**  
3  
**YEARS**



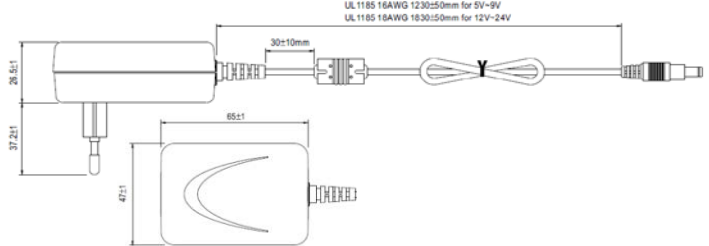
### MEAN WELL PLUG-IN IP20

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

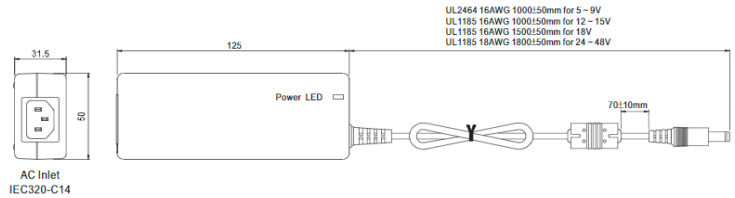
#### LONAS06











#### LONAS25



#### LONAS60

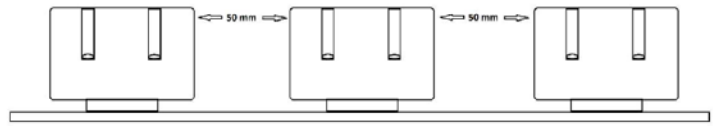


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Marks	
LONAS06	90-264	20	12	6	47/63	32x66x42,5		€ 14,70
LONAS12	90-264	20	12	12	47/63	65x47x26,5		€ 14,70
LONAS25	90-264	20	12	25	47/63	79x54x33		€ 15,50
LONAS36	90-264	20	12	36	47/63	79x54x33		€ 20,30
LONAS60	90-264	20	12	60	47/63	125x50x31,5		€ 26,70
LONAS2524	90-264	20	24	25	47/63	79x54x33		€ 15,50

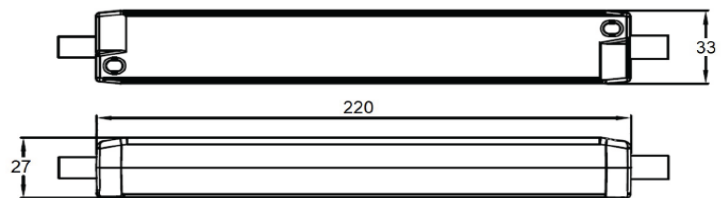
Accessories Code	Description	€/Pack.	Image
LONAJACK	Female jack	€ 2,02	
LONAJACKSA	Fast jack female connector	€ 2,00	




 MADE IN ITALY 
**IP 68 SELV**   







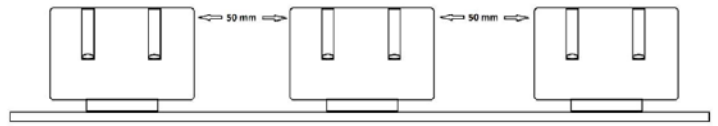

**VIRGO LED POWER SUPPLY IP68**

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.  
 Suitable for indoor and outdoor use.  
 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.



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	
LOFAV03012/68	220-240	68	12	30	50/60	220x33x27	0,43	€ 20,70
LOFAV06012/68	220-240	68	12	60	50/60	220x33x27	0,45	€ 27,90
LOFAV06024/68	220-240	68	24	60	50/60	220x33x27	0,45	€ 27,90




 RoHS COMPLIANT MADE IN ITALY  **IP 68 SELV**     

**VIRGO LED DRIVER IP68**
**NEW**

12V and 24V 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.

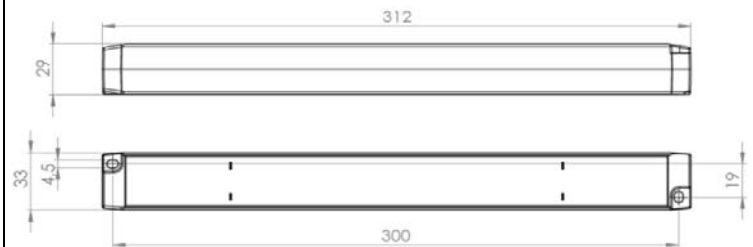
35 W: voltage 220-240, internal protection up to 2kV (line-neutral).

100 W: voltage 120-240, internal protection up to 3kV (line-neutral).

Low output modulation. Dimmable with external accessories.

Working temperature - 30 + 55 °C.

5 Years Warranty.

**LOFAW10012/68**


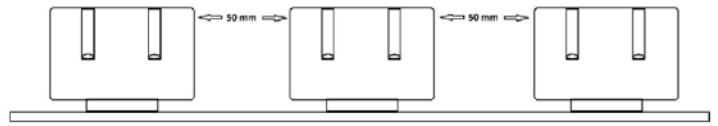
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOFAW03524/68	220-240	68	24	35	50/60	220x33x27	0,43	€ 25,20
LOFAW10012/68	120-240	68	12	100	50/60	312x33x29	0,68	€ 42,30
LOFAW10024/68	120-240	68	24	100	50/60	312x33x29	0,68	€ 42,30



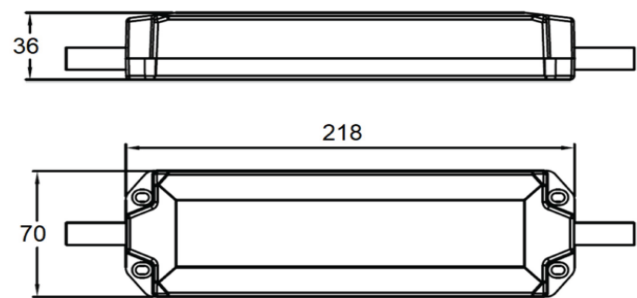

 MADE IN ITALY 
**IP 68 SELV**






**SAGIT LED DRIVER IP68**

12V and 24V 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.



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	
LOFAS06012/68	120-240	68	12	60	50/60	218x70x36	1,15	€ 40,50
LOFAS10012/68	120-240	68	12	100	50/60	218x70x36	1,15	€ 46,80
LOFAS15012/68	220-240	68	12	150	50/60	218x70x36	1,18	€ 57,60
LOFAS06024/68	120-240	68	24	60	50/60	218x70x36	1,15	€ 40,50
LOFAS10024/68	120-240	68	24	100	50/60	218x70x36	1,15	€ 46,80
LOFAS15024/68	220-240	68	24	150	50/60	218x70x36	1,18	€ 57,60

**GEN LED**

**AGILIGHT**  
Innovative Signage Lighting

**OUTDOOR LED POWER SUPPLIES**

**5Yr**



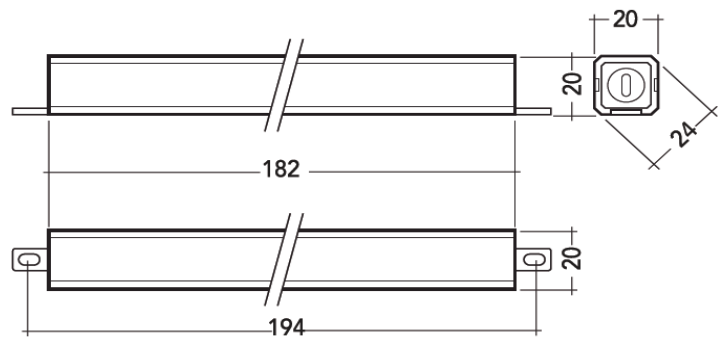
**IP65 CE RoHS SELV**



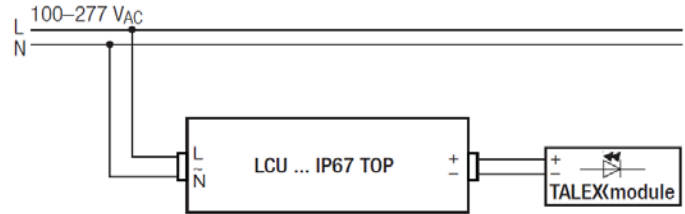
**12V**

**TALEX CONVERTER LCU IP65**

Constant voltage LED driver.  
 Universal input voltage range.  
 Suitable for indoor and outdoor use.  
 Overtemperature and overload protection.  
 Short-circuit shutdown feature with automatic restart.  
 Protection class II, SELV.  
 Ultra-small design.  
 5 Years Warranty.



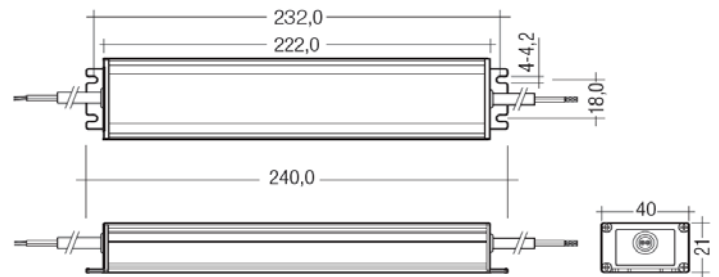
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LOZK010301	220-240	65	12	13	50/60	182x20x20	0,60	€ 21,00



IP67 SELV Class 2 EL <sup>T10</sup> M M O B RA <sup>SE</sup>  
 CE RoHS


**TALEX CONVERTER LCU IP67**

Constant voltage LED Driver.  
 Universal input voltage range.  
 Suitable for indoor and outdoor use.  
 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 ≤ 0.2 % per 1,000 h).  
 Small design with metallic casing.  
 Cable with tips. (length 500 mm)  
 5 Years Warranty.

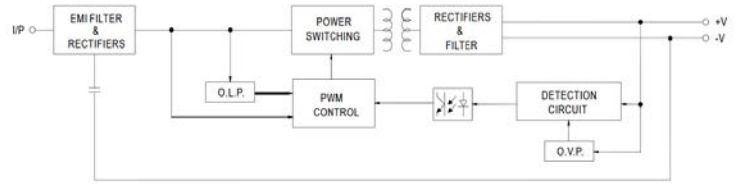
**LOZK060/12**


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	
LOZK015/12	120-240	67	12	15	50/60	130x40x21	0,19	€ 31,58
LOZK035/12	100-277	67	12	35	50/60	170x40x21	0,32	€ 34,76
LOZK060/12	100-277	67	12	60	50/60	240x40x21	0,45	€ 44,00
LOZK100/12	120-277	67	12	100	50/60	270x40x23	0,56	€ 55,60
LOZK180/12	120-277	67	12	180	50/60	245x60x29	0,90	€ 83,10
LOZK060/24	100-277	67	24	60	50/60	240x40x21	0,45	€ 44,00
LOZK100/24	120-277	67	24	96	50/60	270x40x21	0,51	€ 55,60
LOZK180/24	120-277	67	24	180	50/60	245x60x29	0,90	€ 83,10

**MW MEAN WELL** **OUTDOOR LED POWER SUPPLIES** **WARRANTY 2 YEARS**



**LPS IP67**

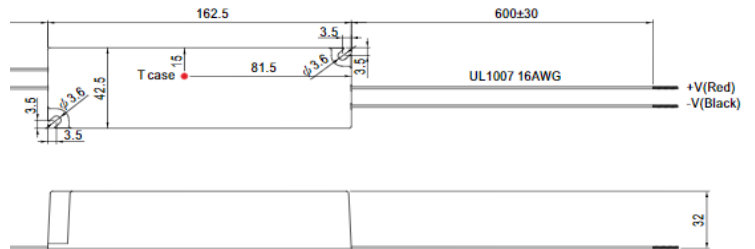


5 Vdc **5** 12 Vdc **12** 24 Vdc **24**

**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**

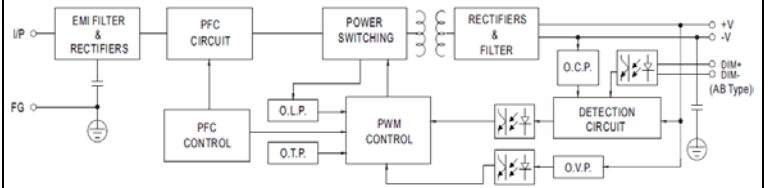


Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA020LPV5	90-264	67	5	15	47/63	118x35x26	0,22	€ 16,00
LONA035LPV5	90-264	67	5	30	47/63	148x40x30	0,34	€ 20,60
LONA060LPV5	90-264	67	5	40	47/63	162,5x42,5x32	0,40	€ 24,00
LONA100LPV5	90-264	67	5	60	47/63	190x52x37	0,63	€ 45,00
LONA020LPV	90-264	67	12	20	47/63	118x35x26	0,22	€ 9,08
LONA035LPV	90-264	67	12	35	47/63	148x40x30	0,34	€ 12,40
LONA060LPV	90-264	67	12	60	47/63	162,5x42,5x32	0,40	€ 13,88
LONA100LPV	90-264	67	12	100	47/63	190x52x37	0,63	€ 22,70
LONA020LPV24	90-264	67	24	20	47/63	118x35x26	0,22	€ 9,08
LONA035LPV24	90-264	67	24	35	47/63	148x40x30	0,34	€ 12,40
LONA060LPV24	90-264	67	24	60	47/63	162,5x42,5x32	0,40	€ 13,88
LONA100LPV24	90-264	67	24	100	47/63	190x52x37	0,63	€ 22,70



## OUTDOOR LED POWER SUPPLIES

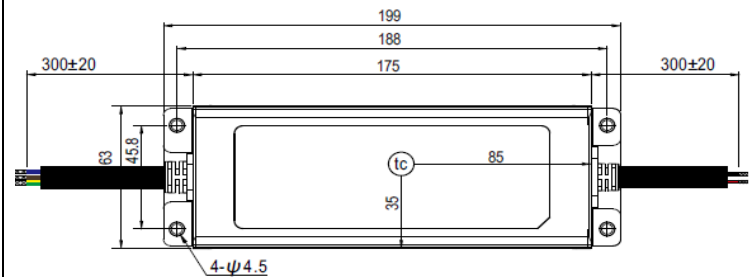
WARRANTY  
**5**  
YEARS



### 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.

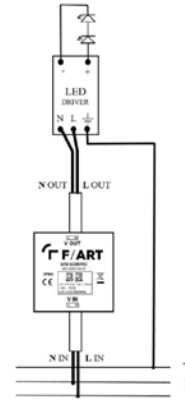
### LONA200XLG



Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	Secondary Voltage V DC	Output Power W	Frequency Hz	Size L x W x H	Weight Kg	
LONA075XLG	100-305	67	12	60	47/63	140x63x32	0,58	€ 24,00
LONA100XLG	100-305	67	12	96	47/63	140x63x32	0,58	€ 26,96
LONA150XLG	100-305	67	12	150	47/63	180x63x35,5	0,80	€ 30,52
LONA200XLG	100-305	67	12	192	47/63	199x63x35,5	0,85	€ 36,30
LONA075XLG24	100-305	67	24	74	47/63	140x63x32	0,58	€ 24,00
LONA100XLG24	100-305	67	24	96	47/63	140x63x32	0,58	€ 26,96
LONA150XLG24	100-305	67	24	150	47/63	180x63x35,5	0,80	€ 30,52
LONA200XLG24	100-305	67	24	199	47/63	199x63x35,5	0,85	€ 36,30

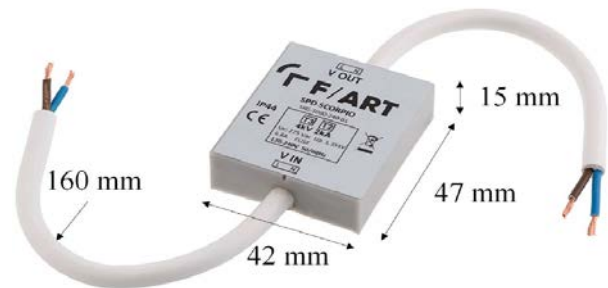



 MADE IN ITALY  **IP 44** 



### SCORPIO SURGE PROTECTION IP44

Surge protector device.  
 Epoxy resin case.  
 Available in two versions, as follows: 6 kV - 3 kA / 4 kV - 2kA.  
 Maximum suggested load for LED Driver: 900 W  
 (50% of rated current 4A, because of typical inrush current of such type of devices).  
 Working temperature - 10 + 60 °C.  
 2 Years Warranty.



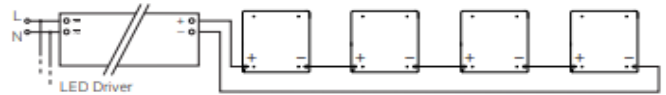
Code	Description							Price €/pcs.
	Primary Voltage V AC	IP Class	In - Uoc kA - kV	In Max Load A	Frequency Hz	Size L x W x H	Weight Kg	
LOFAP04	120-240	44	2-4	8	50/60	47x42x15	0,81	€ 16,20
LOFAP06	120-240	44	3-6	8	50/60	47x42x15	0,81	€ 18,00

# TRIDONIC

## LED SYSTEMS



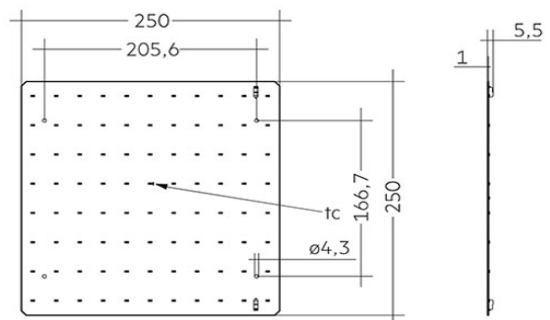
QLE G3+ 250x250mm / 270x270mm:




### MODULO TALEXX STARK QLE G3 PLUS

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	€ 15,00	
LOZSQLE25040	Neutral White	4.000 K	1.810	10,70	169	250x250	€ 15,00	
LOZSQLE25050	Neutral White	5.000 K	1.860	10,70	174	250x250	€ 15,00	
LOZSQLE27030	Warm White	3.000 K	1.700	10,70	159	270x270	€ 15,00	
LOZSQLE27040	Neutral White	4.000 K	1.810	10,70	169	270x270	€ 15,00	
LOZSQLE27050	Neutral White	5.000 K	1.860	10,70	174	270x270	€ 15,00	

### 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	€ 8,00
LOZK025350	2	25	350	30x21x230	€ 9,00
LOZK050350	3	50	350	30x21x230	€ 11,00




### 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	€ 12,50
LOZK1122535	5	112	250-350	30x21x280	€ 19,00



Accessories Code	Description	€/Pack.	Image
LOZK0PLUG350	10 pcs. package of blue plugs for 350 mA current	€ 4,50	

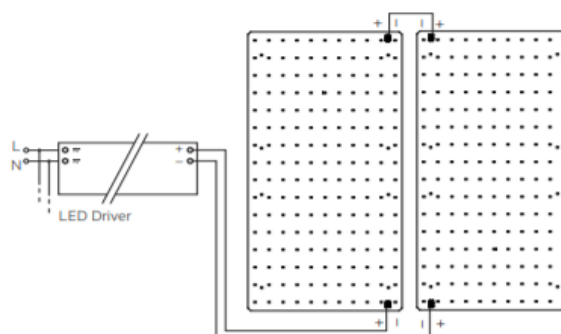


# TRIDONIC

## LED SYSTEMS

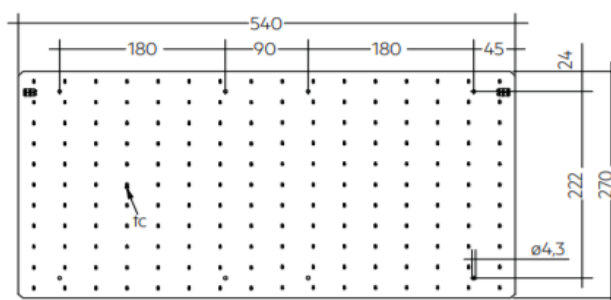


QLE G3+ 540x270mm serial wiring:



### MODULO TALEXX STARK QLE G3 PLUS

Ideal for linear and panel lights.  
 LED system solution with outstanding system efficacy, consisting of squared LED module and dimmable LED Driver LCA 400-1.000 mA.  
 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.



Code	Description						€/pcs.
	Colour	Colour temperature	Flux (lm)	Consump. (W)	Lum. Effic. (Lm/W)	Dimension mm	
LOZSQLE2754830	Warm White	3.000 K	3.860	24,70	160	270x540	€ 27,00
LOZSQLE2754840	Neutral White	4.000 K	4.120	24,70	171	270x540	€ 27,00




### 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.
LOZK057800	1-2	57	800-1.050	30x21x280	€ 15,50
LOZK165800	4	165	800-1.050	30x21x280	€ 23,00



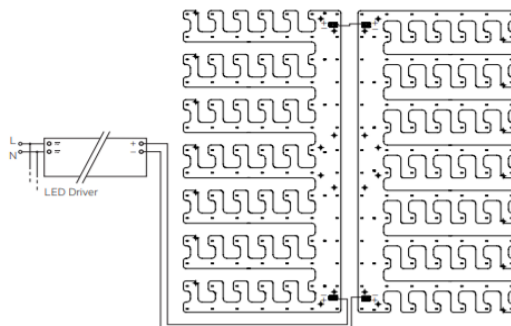
Accessories Code	Description	€/Pack.	Image
LOZK0PLUG800	10 pcs. package of yellow plugs for 800 mA current	€ 4,50	

# TRIDONIC

## LED SYSTEMS

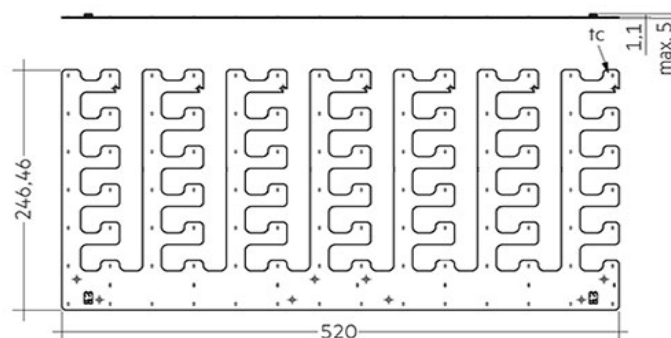



Serial wiring:



### 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	€ 15,00	
LOZSQLE5224840	Neutral White	4.000 K	2.370	14,40	167	520x246	€ 15,00	
LOZSQLE5224850	Neutral White	5.000 K	2.370	14,40	167	520x246	€ 15,00	
LOZSQLE5224865	Daylight	6.500 K	2.340	14,00	166	520x246	€ 15,00	

### 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	€ 8,00
LOZK035350	2	35	350	30x21x230	€ 9,50
LOZK065350	4	60	350	30x21x230	€ 13,00
LOZK1122535	6	112	250-350	30x21x360	€ 19,00




### 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	€ 19,00



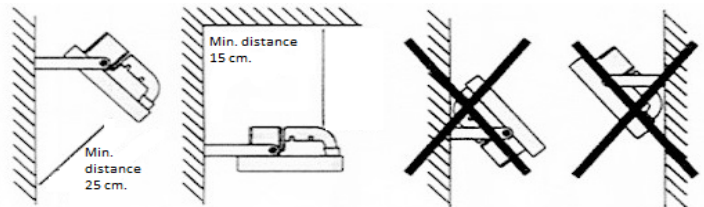
Accessories Code	Description	€/Pack.	Image
LOZK0PLUG350	10 pcs. package of blue plugs for 350 mA current	€ 4,50	

**ECO<sup>®</sup> Led**
**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.



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

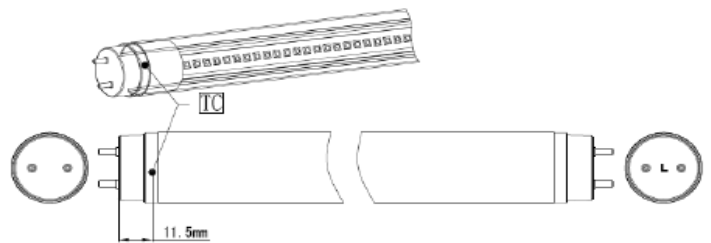


## OSRAM LED TUBES



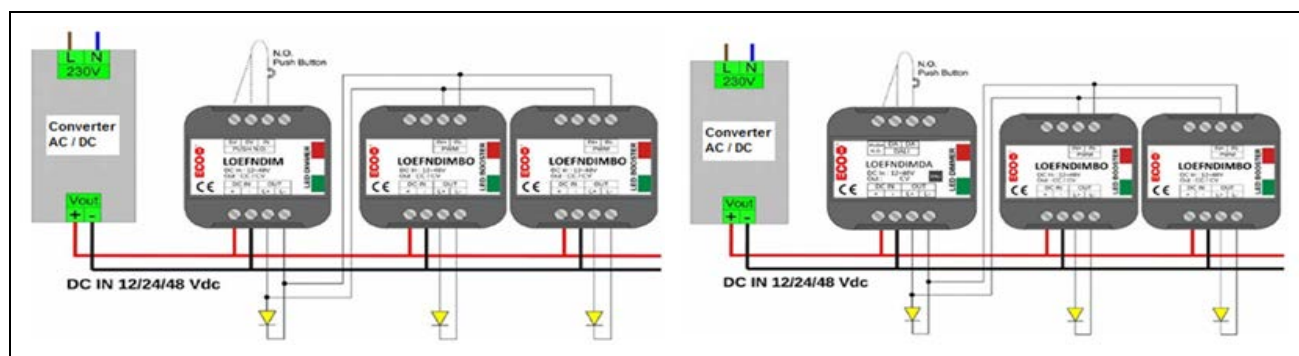
### T8 LED TUBE







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	€ 18,60
LOHO108400	Neutral White	4.000 K	10	1.000	600	€ 18,60
LOHO108650	Daylight	6.500 K	10	900	600	€ 18,60
LOHO188300	Warm White	3.000 K	18	2.100	1.200	€ 29,00
LOHO218400	Neutral White	4.000 K	18	2.100	1.200	€ 29,00
LOHO218650	Daylight	6.500 K	18	2.000	1.200	€ 29,00
LOHO228300	Warm White	3.000 K	20	2.400	1.500	€ 31,00
LOHO248400	Neutral White	4.000 K	20	2.400	1.500	€ 31,00
LOHO248650	Daylight	6.500 K	20	2.160	1.500	€ 31,00

Code	Description   	€/Pack.	Image
LOEFNDIM	<b>LED DIMMER multitenion, a single device that offers a simple and effective solution for regulating the brightness of low voltage LED strips and modules</b> Necessary a SELV power supply 12 Vdc - 78 W (max. consump.) 24 Vdc - 156 W (max. consump.) 48 Vdc - 312 W (max. consump.)	€ 26,00	
LOEFNDIMDA	<b>DALI remote control options, gradual On and Off switch mode</b> <b>Easy white light brightness regulation</b> <b>Connect a LED BOOSTER to enhance the power</b> Necessary a SELV power supply 12 Vdc - 78 W (max. consump.) 24 Vdc - 156 W (max. consump.) 48 Vdc - 312 W (max. consump.)	€ 31,60	
LOEFNDIMBO	<b>LED BOOSTER is a PWM signal amplifier</b> <b>It enhances its range thanks to its connection with 2 LED dimmer products</b> Necessary a SELV power supply 12 Vdc - 78 W (max. consump.) 24 Vdc - 156 W (max. consump.) 48 Vdc - 312 W (max. consump.)	€ 22,00	
LOEFNDIMPNAOX	Silver push button	€ 8,00	
LOEFNDIMPNaN	Black push button	€ 5,00	



Code	Description 	€/Pack.	Image
LOEFNZRGBT02	Multitension infrared rays RGB controller 62x35x23 mm Pre-set light effects, can be changed with the keyboard 12 Vdc - 72 W (max. consump.) 24 Vdc - 144 W (max. consump.)	€ 6,00	
LOEFNZRGBT04	Multitension infrared rays RGB controller 93x70x28 mm Pre-set light effects, can be changed with the keyboard 12 Vdc - 144 W (max. consump.) 24 Vdc - 288 W (max. consump.)	€ 22,50	
LOEFNZRGBRFM	Multitension radio frequency RGB controller 130x64x24 mm Pre-set light effects, can be changed with the keyboard (7 fixed colours + 4 light games) 12 Vdc - 144 W (max. consump.) 24 Vdc - 288 W (max. consump.)	€ 20,00	
LOEFNZRGBRFS	Slave 95x65x24 mm 12 Vdc - 144 W (potenza max.) 24 Vdc - 288 W (potenza max.)	€ 15,00	
LOEFNZRGBT052	PWM multitension RGB controller 110x90x25 mm Pre-set light effects, can be changed with the keyboard (7 fixed colours + 4 light games) 5 Vdc - 150 W (max. consump.) 12 Vdc - 360 W (max. consump.) 24 Vdc - 720 W (max. consump.)	€ 60,00	
LOEFNZRGB10AS	Slave 110x90x25 mm 5 Vdc - 150 W (max. consump.) 12 Vdc - 360 W (max. consump.) 24 Vdc - 720 W (max. consump.)	€ 37,00	