

SOLUCIONES  
DE COMUNICACIÓN  
VISUAL

2026

**LED SYSTEMS FOR SIGNAGE**





Monday to Thursday:  
8:30h to 14h and 15h to 18h  
Friday: 8:30h to 14:30h



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**ICONLED**

# Signage LED

**LED Modules**

**LED Strips**

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**Power supplies**

**Controllers**

**Accessories**

# ICONLED LED SELECTION

## BACKLIGHTING

### RECOMMENDED LED MODULE SELECTION TABLE

Distance between LED lines depending on letter or lightbox depth

LED MODULES		Lightbox or letter depth						
		> 30 mm	> 50 mm	> 75 mm	> 100 mm	> 125 mm	> 150 mm	> 175 mm
IconLED E3-10	Distance between lines			110 mm	140 mm	175 mm	200 mm	210 mm
	Modules/m			8	7	6	6	6
	Modules/m <sup>2</sup>			73	50	34	30	28
IconLED E3-20	Distance between lines		50 mm	75 mm	100 mm	125 mm	175 mm	200 mm
	Modules/m		12	9	8	7	7	6,5
	Modules/m <sup>2</sup>		240	120	80	56	40	33
IconLED E3-30	Distance between lines				110 mm	150 mm	200 mm	250 mm
	Modules/m				8	6	5	5
	Modules/m <sup>2</sup>				72	40	25	20
IconLED E3-40	Distance between lines				110 mm	150 mm	230 mm	280 mm
	Modules/m				7	5	4,5	4
	Modules/m <sup>2</sup>				64	33	20	14
IconLED X6-10	Distance between lines	75 mm	130 mm	200 mm				
	Modules/m	13	13	10				
	Modules/m <sup>2</sup>	173	100	50				
IconLED X6-20	Distance between lines	70 mm	135 mm	175 mm	200 mm			
	Modules/m	13	9	7	6,65			
	Modules/m <sup>2</sup>	185	67	40	33			
IconLED X6-30	Distance between lines		150 mm	175 mm	200 mm	250 mm		
	Modules/m		7	6	5,7	5,7		
	Modules/m <sup>2</sup>		47	34	28	23		
IconLED Optic2 Xtra	Distance between lines		50 mm	90 mm	150 mm	180 mm	200 mm	200 mm
	Modules/m		10	8	7	6	5	5
	Modules/m <sup>2</sup>		200	89	47	33	25	25
IconLED Optic3 Xtra	Distance between lines				125 mm	175 mm	250 mm	250 mm
	Modules/m				8	5,5	4	4
	Modules/m <sup>2</sup>				64	31	16	16
IconLED E3-10 RGB	Distance between lines		75 mm	110 mm	150 mm	180 mm		
	Modules/m		10	9	8	8		
	Modules/m <sup>2</sup>		133	81	53	44		
IconLED E3-30 RGBW	Distance between lines		75 mm	110 mm	150 mm	180 mm	200 mm	200 mm
	Modules/m		10	8,5	7	6	5	5
	Modules/m <sup>2</sup>		133	76	46	33	25	25
IconLED S5-20	Distance between lines		120 mm	180 mm	250 mm	300 mm	300 mm	
	Modules/m		10	7	6	5,25	5,25	
	Modules/m <sup>2</sup>		83	39	24	18	18	
IconLED S5-40	Distance between lines			180 mm	225 mm	275 mm	300 mm	330 mm
	Modules/m			7	6,5	6	5,5	4,5
	Modules/m <sup>2</sup>			39	29	22	18	14
IconLED Direct 15	Distance between lines			130 mm	170 mm	200 mm	200 mm	200 mm
	Modules/m			7	6	6	5	5
	Modules/m <sup>2</sup>			53	35	30	25	25
IconLED Direct 30	Distance between lines			110 mm	200 mm	250 mm	300 mm	300 mm
	Modules/m			8	5	5	5	5
	Modules/m <sup>2</sup>			72	25	20	17	17

Not suitable ■

Los ensayos se han realizado con un plafón de 1x1m y frontal white. La distribución de LEDs muestra la mínima cantidad necesaria en cada caso para obtener una iluminación uniforme y sin que se aprecien los puntos de LED, con un frontal liso. Si se trata de un frontal impreso con una imagen pueden ser suficientes menos módulos por m<sup>2</sup>. Son valores orientativos no contractuales, ya que el resultado puede variar según las características del rótulo, como material y calidad del frontal, ancho de trazo, y aplicación.

# ICONLED LED SELECTION

## PERIMETER LIGHTING

### RECOMMENDED LED MODULE SELECTION TABLE

Distance between LED lines depending on letter or lightbox depth

LED SYSTEMS FOR LIGHTBOXES		Lightbox depth						
		> 35 mm	> 50 mm	> 75 mm	> 100 mm	> 125 mm	> 150 mm	> 175 mm
IconLED E3 PR	Distance between modules		60 mm	80 mm	90 mm	120 mm	140 mm	
	Modules/m		17	13	11	8	7	
IconLED PR MAX	Distance between modules				125 mm	160 mm	180 mm	180 mm
	Modules/m				8	6	5,5	5,5
IconLED Direct PR	Distance between modules				125 mm	160 mm	180 mm	180 mm
	Modules/m				8	6	5,5	5,5
IconLED Backlit strip	Distance between lines		125 mm	200 mm	240 mm*	270 mm*		
	LEDs/m <sup>2</sup>		96	62	52	46		

Not suitable ■

\* El cable suministrado con la tira rígida limita la distancia entre líneas a unos 200 mm.

La distribución de LEDs muestra la mínima cantidad necesaria en cada caso para obtener una iluminación uniforme y sin que se aprecien los puntos de LED, con un frontal liso. Si se trata de un frontal impreso con una imagen pueden ser suficientes menos módulos.

Son valores orientativos no contractuales, ya que el resultado puede variar según las características del rótulo, como material y calidad del frontal, ancho de trazo, y aplicación.

### LED TIPS

- For optimal illumination, the interior of the letters should be finished in satin or matte white.
- Avoid paint splashes from the exterior onto the interior of letters, as they may cause changes in the light color.
- Our charts indicate the minimum number of modules required based on depth to prevent hotspotting.
- Respect the maximum number of modules or meters per run (depending on the model).
- Respect the maximum number of modules or meters per power supply (depending on the model).
- It is recommended to use waterproof connectors for all connections, as well as at the cable ends at the end of each run (one connector per cable).
- We recommend always mounting LEDs on a metallic surface, ideally aluminum, to aid heat dissipation. This is even more critical for LED strips, as they do not have an integrated aluminum heatsink. Direct installation on wood or other non-thermally conductive materials reduces LED lifespan due to higher operating temperatures.
- For edge lighting of lightboxes, the best result is achieved when the back panel and the inner surfaces of the walls are finished in satin or matte white.
- The narrower the lightbox, the higher the number of modules per meter required.
- Whenever possible, better results are achieved with LEDs installed on two opposite sides rather than on a single side.
- It is recommended to position the LED modules as close as possible to the power supply to minimize voltage drop along the line. When this is not feasible, it can be compensated by using larger gauge cables, as indicated in the attached table.

#### Distance from power supply to first module

#### Cable size

Up to 4.5 m	18 AWG (1 mm <sup>2</sup> )
Up to 15 m	14 AWG (2,5 mm <sup>2</sup> )
Up to 38 m	12 AWG (4 mm <sup>2</sup> )
Up to 60 m	10 AWG (6 mm <sup>2</sup> )



# POWER SUPPLY CAPACITY

ICONLED

## ICONLED POWER SUPPLY CAPACITY

See power supplies on p. 37

Modules per power supply (calculated at 90% of the actual capacity of each power supply)

		IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
LED MODEL 12 VDC	Max qty per branch	24W ICE12024	45W ICE12045	60W ICE12063	100W ICE12102	150W ICE12151	200W ICE12200	36W IC-12036	60W IC-12060	120W IC-12120	240W IC-12240
Warranty		3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
S5-10 (Micro 15)	100	69	135	178	302	451	600	107	178	355	710
E3-10 / E3-20 white	20	21	41	54	93	138	184	32	54	109	218
E3-20 colour	20	28	56	75	125	187	250	45	75	150	300
E3-30	20	18	33	45	75	112	150	27	45	90	180
E3-40	25	10	20	27	45	68	90	16	27	54	108
X6-10	40	60	113	150	250	375	500	90	150	300	600
X6-20	20	30	56	75	125	188	250	45	75	150	300
X6-30	20	20	38	50	83	125	167	30	50	100	200
Optic 1 Xtra	50	61	114	153	257	385	510	92	153	306	612
Optic 2 Xtra	40	21	51	54	93	138	184	32	54	109	218
Optic 3 Xtra	30	14	28	37	63	94	125	22	37	74	148
E3-10 RGB	20	29	56	75	125	187	250	45	75	150	300
E3-30 RGBW	20	22	42	57	94	141	188	34	57	113	225
E3 PR 1,5W	20	13	27	35	60	90	119	21	35	71	142
PR MAX 2,5W	20	8	16	21	36	54	72	12	21	43	86
Strip ZigZag óptica	5 m	1,40 m	2,70 m	3,60 m	6,00 m	9,00 m	12,00 m	2,10 m	3,60 m	7,20 m	14,40 m
Per. strip ICTPR050	4	1	3	4	7	10	14	2	4	8	16
Strip 2835 ZigZag	10 m	4,30 m	8,10 m	11,20 m	18,70 m	28,10 m	37,50 m	6,70 m	11,20 m	22,40 m	44,80 m
Strip ZigZag RGB	5 m	3,00 m	5,60 m	7,50 m	12,50 m	18,70 m	25,00 m	4,50 m	7,50 m	15,00 m	30,00 m
Strip 2835 - 5 mm	10 m	4,30 m	8,10 m	11,20 m	18,70 m	28,10 m	37,50 m	6,70 m	11,20 m	22,40 m	44,80 m
Strip 3014 - vertical	10 m	2,10 m	4,00 m	5,60 m	9,35 m	14,05 m	18,75 m	3,40 m	5,60 m	11,20 m	22,40 m
Strip RGB 60 LED/m	5 m	1,40 m	2,80 m	3,80 m	6,30 m	9,40 m	12,50 m	2,30 m	3,80 m	7,60 m	15,20 m
Neonlux Micro	5 m	2,40 m	4,50 m	6,00 m	10,00 m	15,00 m	20,00 m	3,60 m	6,00 m	12,00 m	24,00 m
Neonlux RGB	5 m	1,80 m	3,30 m	4,50 m	7,50 m	11,20 m	15,00 m	2,70 m	4,50 m	9,00 m	18,00 m
Neonlux CombiLED	2 m	3,00 m	5,60 m	7,50 m	12,50 m	18,70 m	25,00 m	4,50 m	7,50 m	15,00 m	30,00 m
24 VDC	Max length		45W ICE24045	60W ICE24063	100W ICE24102	150W ICE24151	250W ICE24250	36W IC-24036	60W IC-24060	120W IC-24120	240W IC-24240
IconLED S5-20	30		40	54	90	136	226	32	54	108	216
IconLED S5-40	20		20	27	45	68	113	16	27	54	108
Indoor backlit strip	6 m		33 LEDs	45 LEDs	75 LEDs	112 LEDs	187 LEDs	27 LEDs	45 LEDs	90 LEDs	180 LEDs
Outdoor backlit strip	6 m		81 LEDs	108 LEDs	180 LEDs	270 LEDs	450 LEDs	64 LEDs	108 LEDs	216 LEDs	432 LEDs
Edge strip ICTPB500	4 m		2,5	3,5	6	9	15	2	3,5	7	14
Edgestrip HO 948mm	2 m		0	0	1	2	3	0	0	1	3
Strip 2835 60 LED/m	5 m		5,60 m	7,50 m	12,50 m	18,75 m	31,20 m	4,50 m	7,50 m	15,00 m	30,00 m
Strip 2835 120 LED/m	5 m		2,30 m	3,20 m	5,30 m	8,00 m	13,30 m	1,90 m	3,18 m	6,36 m	12,72 m
Strip COB 320 LED/m	5 m		5,00 m	6,70 m	11,20 m	16,80 m	28,00 m	4,00 m	6,70 m	13,50 m	27,00 m
Strip COB 480 LED/m	5 m		3,60 m	4,90 m	8,10 m	12,20 m	20,30 m	2,90 m	4,90 m	9,80 m	19,60 m
Strip COB 756 LED/m	5 m		2,80 m	3,80 m	6,40 m	9,60 m	16,00 m	2,30 m	3,80 m	7,70 m	15,40 m
Strip ZigZag 128 LED	5 m		4,00 m	5,40 m	9,00 m	13,50 m	22,50 m	3,20 m	5,40 m	10,80 m	21,60 m
Strip RGBW	5 m		4,20 m	5,60 m	9,30 m	14,00 m	23,40 m	3,30 m	5,60 m	11,20 m	22,40 m
Neonlux IP65	5 m		4,20 m	5,60 m	9,30 m	14,00 m	23,40 m	3,30 m	5,60 m	11,20 m	22,40 m
Neonlux IP65 RGB	5 m		3,30 m	4,50 m	7,50 m	11,20 m	18,70 m	2,70 m	4,50 m	9,00 m	18,00 m

# BACKLIGHT STRIP

24V DC

Lens 168°

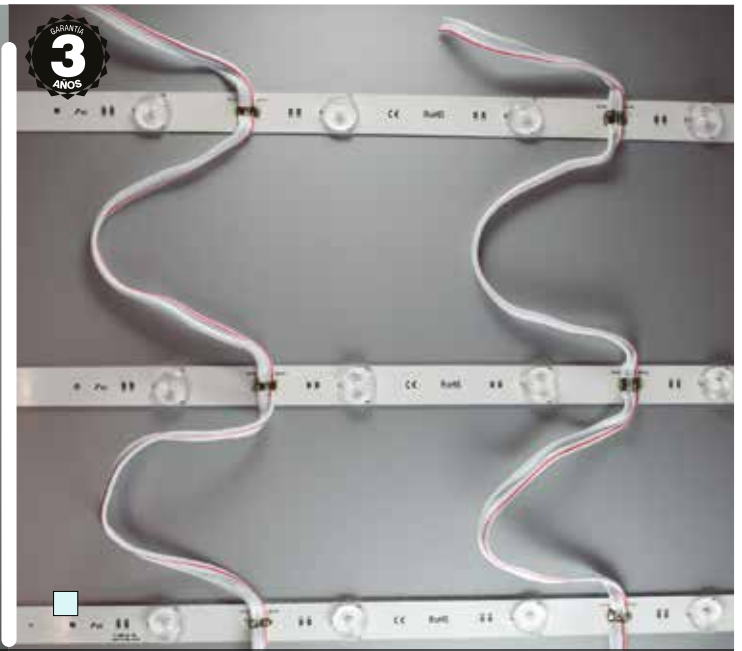
✂ 2 LED

IP22



## INTERIOR BACKLIGHT STRIP

Rigid strip for single-sided lightbox lighting  
 Efficiency: 110 lm/W  
 White 3000K, 6500K.  
 Cutable every 2 LEDs  
 2 cables + conector at one end. Maximum 6m in series.



## BACKLIGHT CURTAIN STRIP

Rigid strip for single-sided lightbox lighting  
 Quick installation with curtain of 10 pre-wired strips  
 Efficiency: 110 lm/W  
 White 6500K  
 Cutable every 2 LEDs and per strip

Code	Dimensions (mm)	Colour	LED QTY	Power	Flux (Lm)	Lightbox depth	Sales unit
ICTRUN05	470 x 17 x 7	6500K	6	7,2 w	792	40 a 150 mm	unit
ICTRUN10	950 x 17 x 7	6500K	12	14,4 w	1584	40 a 150 mm	unit
ICTRUN35	470 x 17 x 7	3000K	6	7,2 w	792	40 a 150 mm	unit
ICTRUN31	950 x 17 x 7	3000K	12	14,4 w	1584	40 a 150 mm	unit
ICTRCR05	470 x 17 x 7 (10x)	6500K	10 x 6	72 w	7920	40 a 150 mm	curtain 10 pcs
ICTRCR10	950 x 17 x 7 (10x)	6500K	10 x 12	144 w	15840	40 a 150 mm	curtain 10 pcs

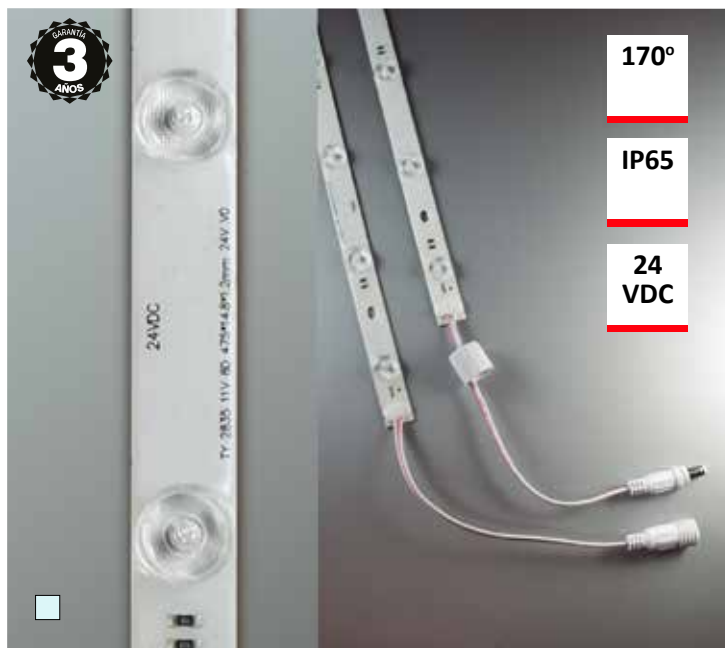
Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
LEDS	33	45	75	112	187	27	45	90	180
Strip 470 mm	5,5	7,5	12,5	18,5	31	4,5	7,5	15	30
Strip 950 mm	2,5	3,5	6	9	15,5	2	3,5	7,5	15

# BACKLIGHT STRIP

✂ 2 LED

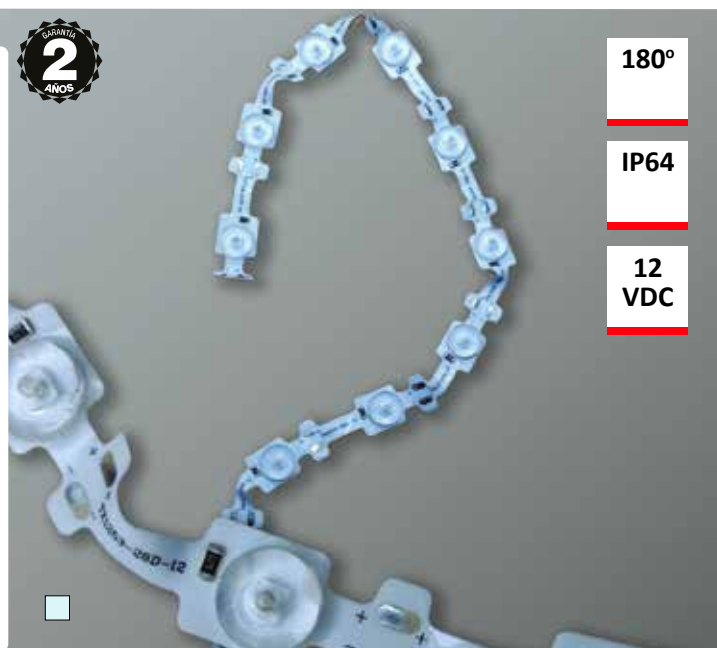
✂ 1 LED



170°

IP65

24 VDC



180°

IP64

12 VDC

## OUTDOOR BACKLIGHT STRIP

## STRIP ZIG-ZAG CON LENTE

Rigid strip for single-sided lightbox lighting  
 Efficiency: 150 lm/W  
 White 6500K.  
 2 cables with waterproof connector at one end.  
 Cuttable every 2 LEDs. Maximum 6m in series.

**HIGH EFFICIENCY**  
 150 LM/W

Flexible strip with lenses for letters and curved shapes.  
 Cuttable every LED. Dimmable.  
 Efficiency: 120 lm/W.  
 White 6000-7000K.  
 Connection: 5m in series (10m with power from both ends).

Code	Dimensions (mm)	IP Rating	LED QTY	Power	Flux (Lm)	Lightbox depth	Sales unit
ICTREX05	475 x 14,8 x 6,3 mm	IP65	8	4 w	600	40-200 mm	unit
ICTREX10	950 x 14,8 x 6,3 mm	IP65	16	8 w	1200	40-200 mm	unit

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
LEDS	81	108	180	270	450	64	108	216	432
Strip 475 mm	10	13	22	33	56	8	13	27	54
Strip 950 mm	5	6	11	16	28	4	6	13	27

Code	Width (mm)	IP Rating	LED/m	Power	Flux (Lm/m)	Depth	Sales unit
ICTZZLW6	12 mm	IP64 (silicone spray)	28	15 w/m	1800	40-150 mm	10m Roll

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
ZIG-ZAG CON LENTE	1,40 m	2,70 m	3,60 m	6,00 m	9,00 m	12,00 m	2,10 m	3,60 m	7,20 m	14,40 m

# ICONLED PR

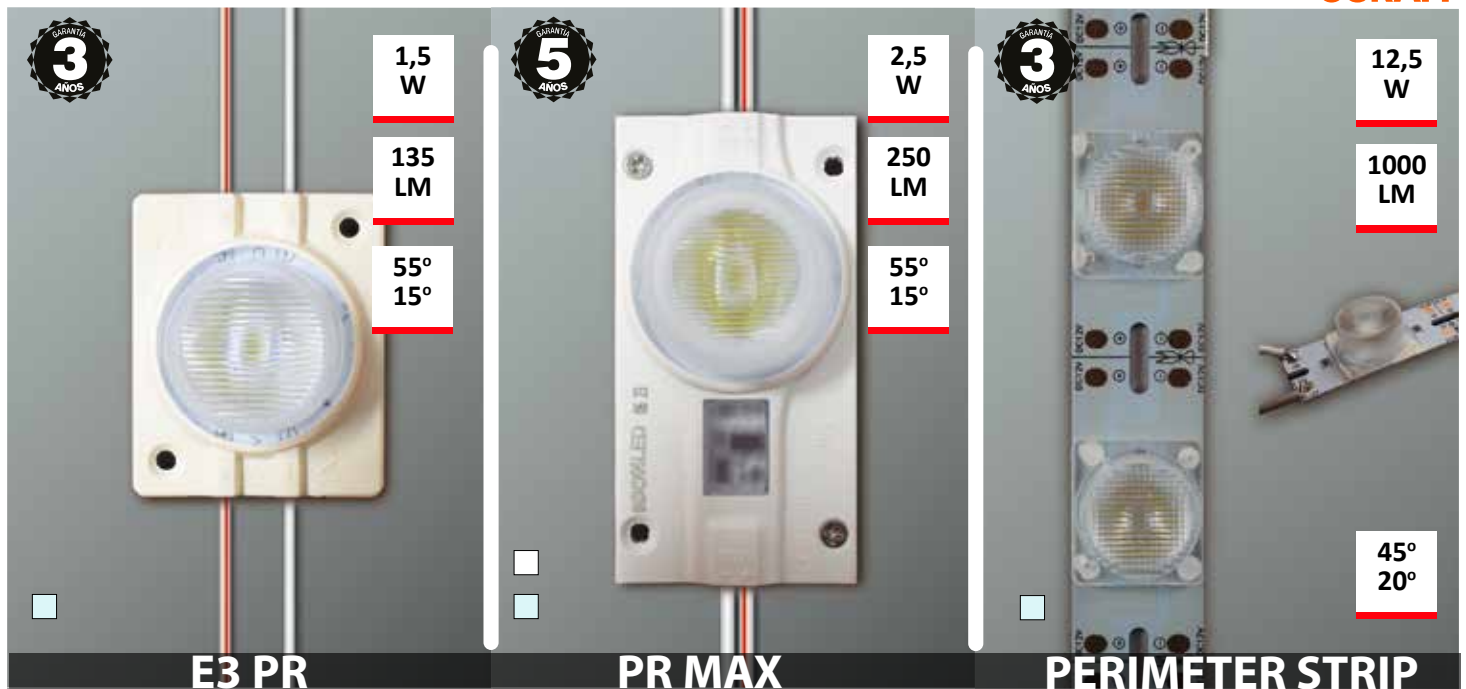
12V DC

Edge installation

IP22 / IP67

✂ 1 LED

OSRAM



Edge lighting  
Single and double-sided lightboxes  
Shallow depth  
Dimensions: 43 x 36 x 12,5 mm  
E3-PR: white 6500K  
IP67

Edge lighting  
Single and double-sided lightboxes  
Dimensions: 63 x 33 x 21 mm  
white 6500K (2,5W) and 4000K (3,0W)  
IP67

Rigid strip for single and double-sided lightbox lighting  
Lightbox depth: 7 - 20 cm  
12 cm cable at both ends, without connector  
Cutttable every LED.  
IP22

Maximum height 2 lines: 1200 mm

Maximum height 2 lines: 2500 mm

Maximum height with 2 lines: 2400 mm

Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Max per branch	Lightbox depth	Sales Unit
ICMEPRW6	E3 PR	White 6500K	135 lm	1,5 W	6,5	154 mm	30	80-150 mm	30 mod.
ICPRM25W	PR MAX	White 6500K	250 lm	2,5 W	4,8	208 mm	20	100-250 mm	20 mod.
ICPRMAXN	PR MAX	White 4000K	250 lm	3,0 W	5	200 mm	20	100-250 mm	20 mod.

## EDGE STRIP

Code	Dimensions (mm)	Colour	IP Rating	LED QTY	Power	Max. in series	Flux (Lm)	Sales unit
ICTPR050	490 x 25 x 15	White 6500K	IP22	9	12,5 w	4	1000	unit

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
E3 PR 1,5W	13	27	35	60	90	119	21	35	71	142
PR MAX 2,5W	8	16	21	36	54	72	12	21	43	86
PR MAX 3,0W	7	13	18	30	45	60	10	18	36	72
12V edge strip	1	3	4	7	10	14	2	4	8	16

# EDGE STRIP

24V DC

Edge installation

Indoor



## 24V EDGE STRIP

Rigid strip for single and double-sided lightbox lighting  
 Maximum height: 3 m with strips on opposite sides  
 (with 250 mm depth)  
 Lightbox depth: 10 - 30 cm  
 12 cm cable at both ends, no connector  
 Cuttable in half (6 LEDs)  
 White bezel around the lens, to prevent glare.

## HO EDGE STRIP

Rigid strip for single and double-sided lightbox lighting  
 Maximum height: 4,5 m with strips on opposite sides  
 (with 250 mm depth)  
 Lightbox depth: 10 - 40 cm  
 Jack connector at both ends  
 Each strip includes a jumper cable with 2 jack terminals  
 Cuttable every 6 LEDs.

Code	Dimensions (mm)	IP Rating	LED QTY	Power	Flux (Lm)	Lightbox depth	Sales unit
ICTPB500	498 x 24 x 15 mm	IP20	12	15 w	1650	100-300 mm	unit
ICTPM948	948 x 25 x 13,4 mm	IP33	18	63 w	6200	100-400 mm	unit
ICTPM320	320 x 25 x 13,4 mm	IP33	6	21 w	2070	100-400 mm	unit

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

STRIP MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
ICTPB500	2,5	3,5	6	9	15	2	3,5	7	14
ICTPM948	0	0	1	2	3	0	0	1	3
ICTPM320	1	2	4	6	10	1	2	4	8

# ICONLED E3 series

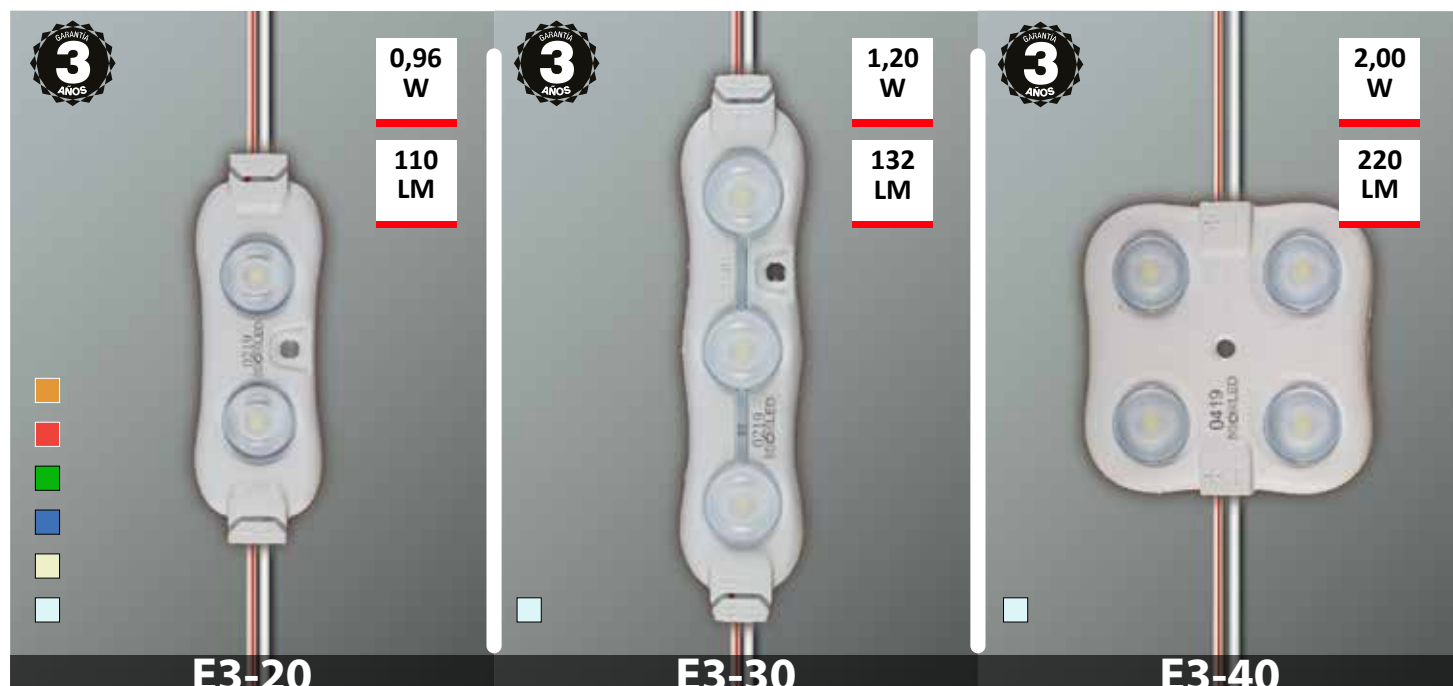
12V DC

Lens 160°

SMD2835

IP67

**MEDIUM EFFICIENCY**  
110 LM/W



Small and medium letters  
Backlit or halo  
Dimensions: 56 x 19 x 6,4 mm  
white 6500K, white 3000K, blue, green, red y amber

Medium and large letters  
Backlit or halo  
Dimensions: 74 x 19 x 6,4 mm  
white 6500K

Large letters and lightboxes  
Backlit  
Dimensions: 41 x 41 x 6 mm  
white 6500K

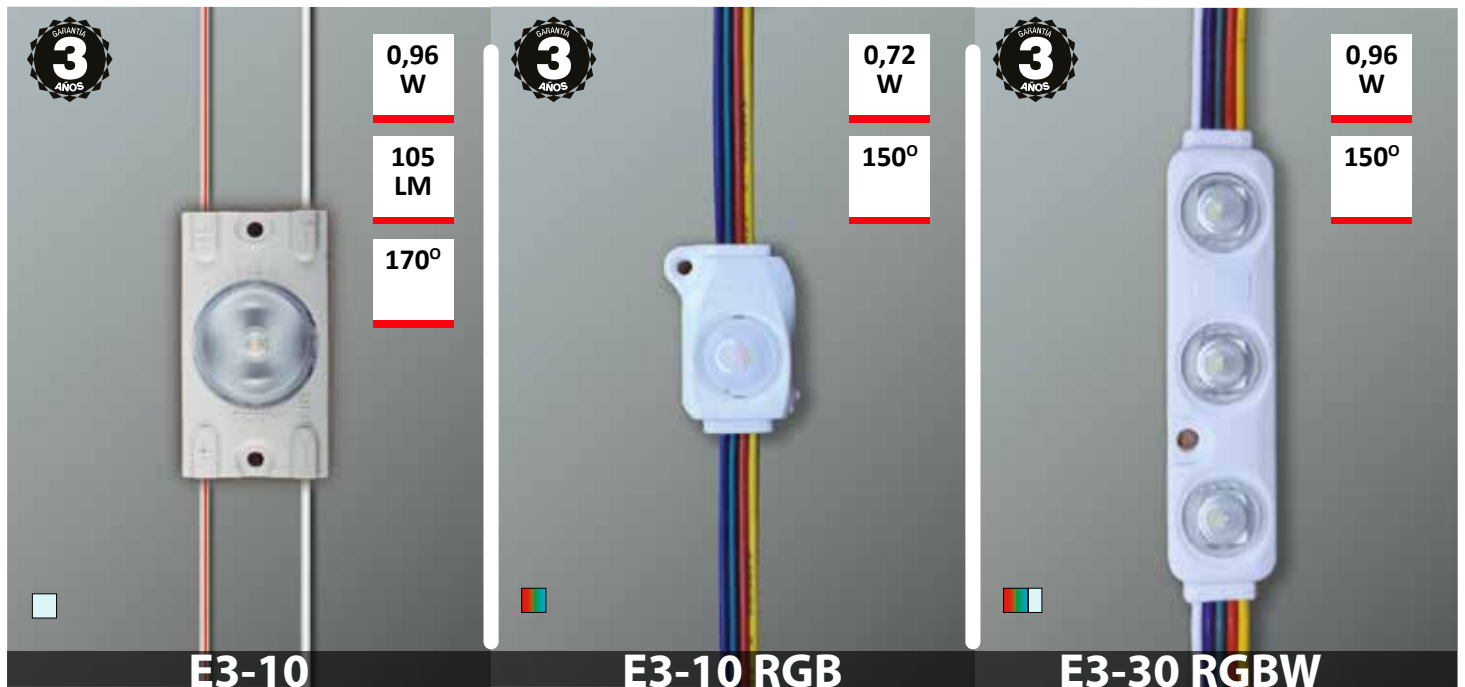
Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Maximum per branch	Letter depth	Sales Unit
ICME32W6	E3-20	White 6500K	110 lm	0,96 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME32W3	E3-20	White 3000K	110 lm	0,96 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME32-B	E3-20	Blue	28 lm	0,72 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME32-R	E3-20	Red	18 lm	0,72 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME32-G	E3-20	Green	28 lm	0,72 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME32-A	E3-20	Amber		0,72 W	6,5	155 mm	20	40-150 mm	20 mod.
ICME33W6	E3-30	White 6500K	132 lm	1,20 W	4,7	210 mm	20	80-200 mm	20 mod.
ICME34W6	E3-40	White 6500K	220 lm	2,00 W	3,6	275 mm	25	100-300 mm	25 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
E3-20 white	21	41	54	93	138	184	32	54	109	218
E3-20 colour	28	56	75	125	187	250	45	75	150	300
E3-30	18	33	45	75	112	150	27	45	90	180
E3-40	10	20	27	45	68	90	16	27	54	108

# ICONLED E3 series

12V DC



**E3-10**  
Lightboxes, medium and large letters  
Backlit  
Dimensions: 38 x 21 x 7,3 mm  
SMD2835  
IP67  
white 6500K

**E3-10 RGB**  
Small/medium letters  
Backlit or halo  
Dimensions: 30 x 18 x 11 mm  
IP66  
RGB  
Dimmable

**E3-30 RGBW**  
Medium/large letters or lightboxes  
Backlit or halo  
Dimensions: 67 x 15 x 10 mm  
IP66  
RGBW  
Dimmable

Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Maximum per branch	Letter depth	Sales Unit
ICME31W6	E3-10	White 6500K	105 lm	0,96 W	5	200 mm	20	70-120 mm	20 mod.
ICM10RGB	E3-10	RGB	27 lm	0,72 W (0,24W/color)	8,3	120 mm	20	50-125 mm	20 mod.
ICM3RGBW	E3-30	RGBW	49 lm	0,96 W (0,24W/color)	5	200 mm	20	60-200 mm	20 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL 12VDC	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W ICE12024	45W ICE12045	60W ICE12063	100W ICE12102	150W ICE12151	200W ICE12200	36W IC-12036	60W IC-12060	120W IC-12120	240W IC-12240
E3-10	21	41	54	93	138	184	32	54	109	218
E3-10 RGB	29	56	75	125	187	250	45	75	150	300
E3-30 RGBW	22	42	57	94	141	188	34	57	113	225

RGBW: calculated at 100% of 4 chanel.

# ICONLED S5 series

PHILIPS  
LUMILEDS

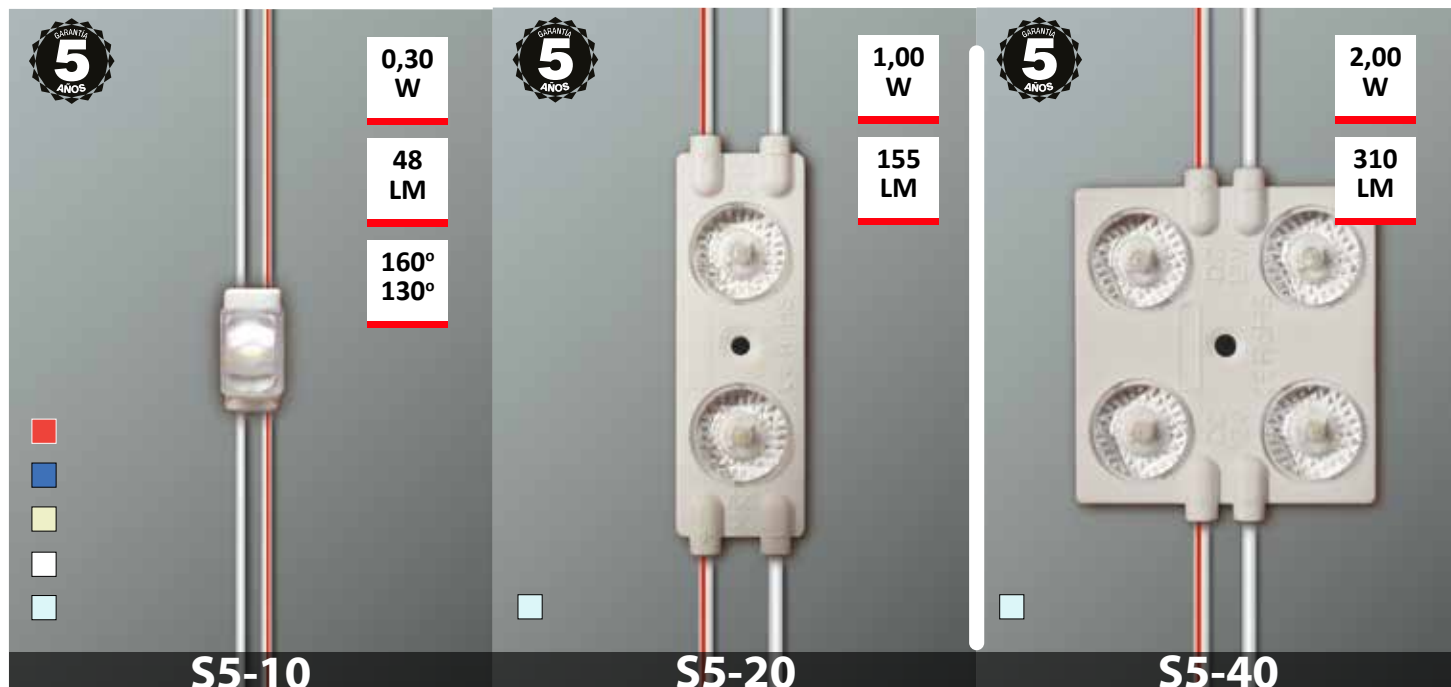
12/24V DC

Lens 175°

SMD2835

IP67

HIGH  
EFFICIENCY  
155 LM/W



Small letters or shallow depth

Backlit or halo

Dimensions: 16 x 8,5 x 7,6 mm

IP67

bl. 6500K, 4000K y 3000K, blue, red

Medium letters or shallow depth

Backlit or halo

Dimensions: 55 x 16,7 x 7,4 mm

white 6500K

Lightboxes and medium or large letters

Backlit

Dimensions: 44,9 x 38,7 x 7,4 mm

white 6500K

Code	Model	Colour	Lum. flux	Power	Modules/m	Centre - centre	Max. x branch	Letter depth	Sales Unit
ICMS51W6	S5-10 HE	White 6500K	48 lm	0,30 W	25	40 mm	100	30 a 100 mm	100 mod.
ICMS51W4	S5-10 HE	White 4000K	48 lm	0,30 W	25	40 mm	100	30 a 100 mm	100 mod.
ICMS51W3	S5-10 HE	White 3000K	43 lm	0,30 W	25	40 mm	100	30 a 100 mm	100 mod.
ICMS51-B	S5-10	Blue	5 lm	0,30 W	25	40 mm	100	30 a 100 mm	100 mod.
ICMS51-R	S5-10	Red	6 lm	0,30 W	25	40 mm	100	30 a 100 mm	100 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
S5-10	69	135	178	302	451	600	107	178	355	710

Code	Model	Colour	Lum. flux	Power	Modules/m	Centre - centre	Max. x branch	Letter depth	Packaging
ICMS52W6	S5-20	White 6500K	155 lm	1,00 W	5,25	190 mm	30	40 a 150 mm	20 mod.
ICMS54W6	S5-40	White 6500K	310 lm	2,00 W	4,35	230 mm	20	80 a 250 mm	20 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
S5-20	40	54	90	136	226	32	54	108	216
S5-40	20	27	45	68	113	16	27	54	108

# ICONLED X6 series

PHILIPS  
LUMILEDS

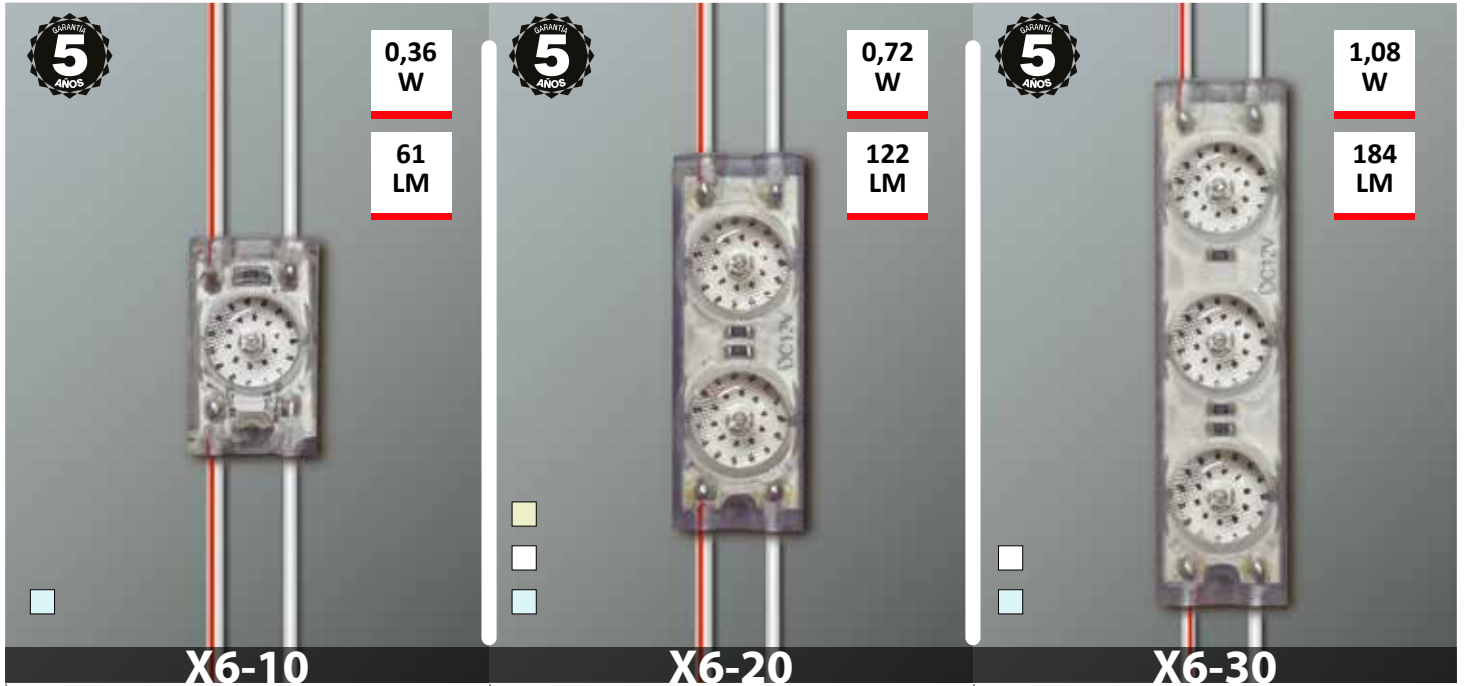
12V DC

Lens 180°

SMD2835

IP67

VERY HIGH  
EFFICIENCY  
170 LM/W



**X6-10**  
Small, medium letters, and lightboxes  
Backlit or halo  
Dimensions: 31,5 x 18,8 x 7,4 mm  
white 6500K

**X6-20**  
Medium and large letters  
Backlit or halo  
Dimensions: 53 x 18,8 x 7,4 mm  
white 6500K, 4000K y 2700K

**X6-30**  
Medium, large letters and lightboxes  
Backlit  
Dimensions: 75 x 18,8 x 7,4 mm  
white 6500K y 4000K.

Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Maximum per branch	Letter depth	Sales Unit
ICMX61W6	X6-10	White 6500K	61 lm	0,36 W	10	100 mm	40	25-90 mm	40 mod.
ICMX62W6	X6-20	White 6500K	122 lm	0,72 W	6,65	150 mm	20	30-120 mm	20 mod.
ICMX62W4	X6-20	White 4000K	122 lm	0,72 W	6,65	150 mm	20	30-120 mm	20 mod.
ICMX62W3	X6-20	White 3000K	122 lm	0,72 W	6,65	150 mm	20	30-120 mm	20 mod.
ICMX63W6	X6-30	White 6500K	184 lm	1,08 W	5	200 mm	20	40-150 mm	20 mod.
ICMX63W4	X6-30	White 4000K	184 lm	1,08 W	5	200 mm	20	40-150 mm	20 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
X6-10	60	113	150	250	375	500	90	150	300	600
X6-20	30	56	75	125	188	250	45	75	150	300
X6-30	20	38	50	83	125	167	30	50	100	200

# ICONLED OPTIC

PHILIPS  
LUMILEDS

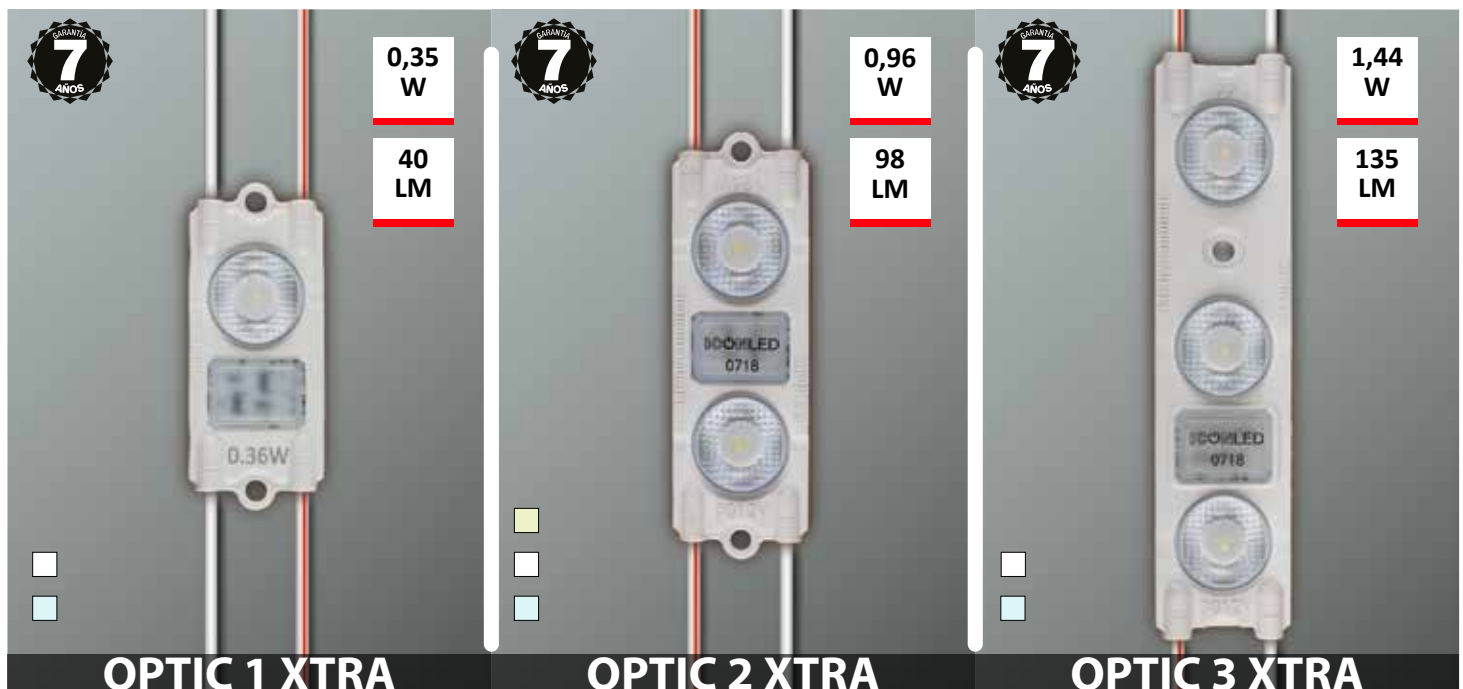
12V DC

Lens 165°

SMD2835

IP67

MEDIUM  
EFFICIENCY  
100 LM/W



## OPTIC 1 XTRA

Small, medium letters, and lightboxes  
Backlit or halo  
Dimensions: 43 x 20 x 4 mm  
white 6500K, 4000K

## OPTIC 2 XTRA

Medium and large letters  
Backlit or halo  
Dimensions: 58 x 20 x 4 mm  
white 6500K, 4000K, 2700K

## OPTIC 3 XTRA

Medium, large letters and lightboxes  
Backlit  
Dimensions: 84 x 20 x 4 mm  
white 6500K, 4000K

Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Maximum per branch	Letter depth	Sales Unit
ICOPT1XW	OPTIC1 XTRA	White 6500K	40 lm	0,35 W	6,25	160 mm	50	50-130 mm	50 mod.
ICOPT1XN	OPTIC1 XTRA	White 4000K	40 lm	0,35 W	6,25	160 mm	50	50-130 mm	50 mod.
ICOPT2XW	OPTIC2 XTRA	White 6500K	98 lm	0,96 W	5,2	190 mm	40	50-150 mm	40 mod.
ICOPT2XN	OPTIC2 XTRA	White 4000K	98 lm	0,96 W	5,2	190 mm	40	50-150 mm	40 mod.
ICOPT2XC	OPTIC2 XTRA	White 2700K	98 lm	0,96 W	5,2	190 mm	40	50-150 mm	40 mod.
ICOPT3XW	OPTIC3 XTRA	White 6500K	135 lm	1,44 W	4	250 mm	30	80-250 mm	30 mod.
ICOPT3XN	OPTIC3 XTRA	White 4000K	135 lm	1,44 W	4	250 mm	30	80-250 mm	30 mod.

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
Optic 1 Xtra	61	114	153	257	385	510	92	153	306	612
Optic 2 Xtra	21	41	54	93	138	184	32	54	109	218
Optic 3 Xtra	14	28	37	63	94	125	22	37	74	148

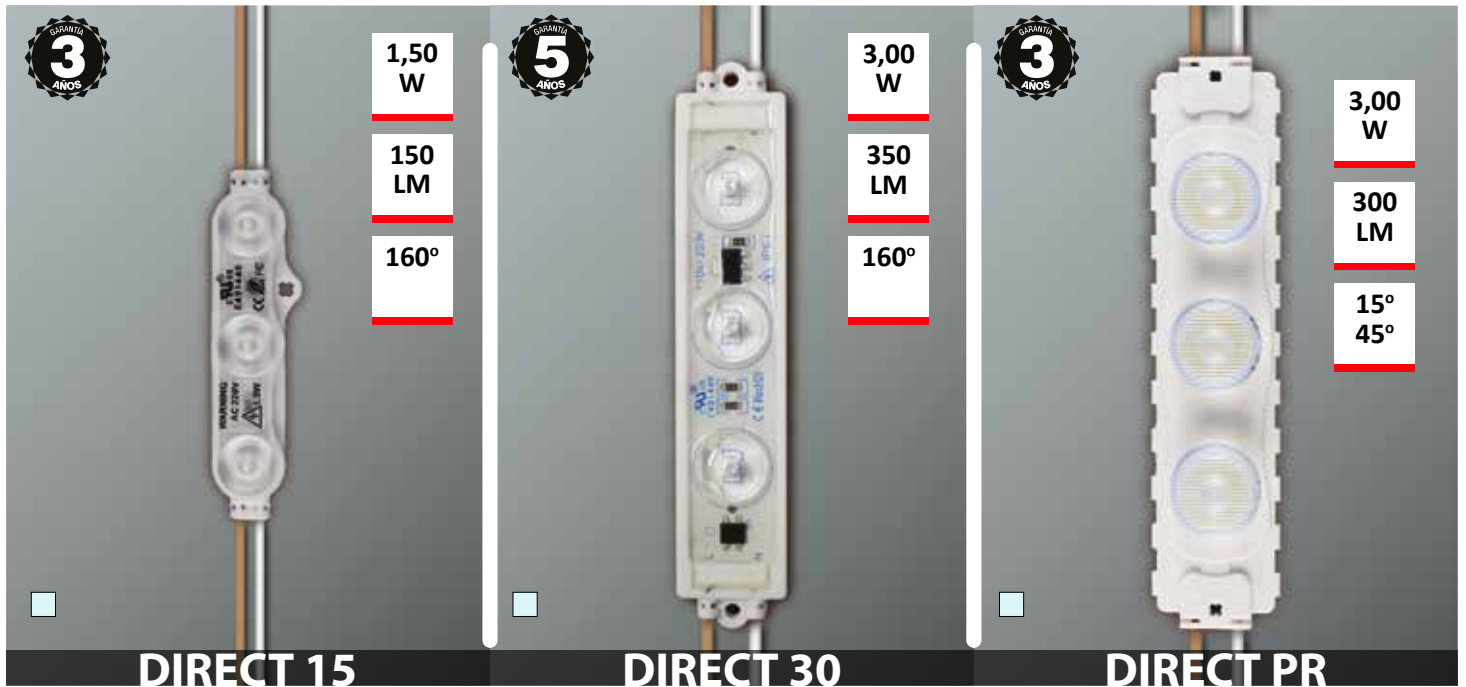
# ICONLED DIRECT

230V AC

6500K

SMD2835

IP33/IP67



## DIRECT 15

## DIRECT 30

## DIRECT PR

Small/medium letters, and lightboxes  
Backlit or halo  
Dimensions: 72 x 18,5 x 9,7 mm  
white 6500K  
Indoor use, IP33

Medium/large letters, and lightboxes  
Backlit or halo  
Dimensions: 108 x 21 x 8 mm  
white 6500K  
IP67

Single and double-sided lightboxes  
Edge installation  
Dimensions: 117 x 22 x 18 mm  
white 6500K  
Indoor use, IP33

Code	Model	Colour	Luminous flux	Power	Modules/m	Centre to centre	Maximum per branch	Letter depth	Sales Unit
ICCA15W6	DIRECT 15	White 6500K	150 lm	1,50 W	5	200 mm	100	75-150 mm	100 mod.
ICCA37W6	DIRECT 30	White 6500K	350 lm	3,00 W	4,3	230 mm	100	80-200 mm	100 mod.
ICCAPRW6	DIRECT PR	White 6500K	300 lm	3,00 W	4	250 mm	100	100-250 mm	50 mod.



# ICONLED DIRECT

230V AC

120 LED/m

SMD2835

IP65



## STRIP FLEXIBLE 230V AC - 120 led/m

Flexible strip with PVC sleeve.

Section 12 x 5,5 mm.

IP65.

Indoor / outdoor applications.

SMD 2835 - 120 LED/m

16 W/m - 230 VAC (no power supply required).

Cutting unit: 10 cm.

Connection in series: max 50 metres.

Use UV glue to ensure joint waterproof.

Clip fixing, no adhesive tape.



Code	Colour	Lum. flux	Power	LED/m	Voltage	Protection	Sales Unit
ICT230W2	White 2700K	1350 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	50m Roll
ICT230W4	White 4000K	1525 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	50m Roll
ICT230W6	White 6500K	1550 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	50m Roll
ICT230-B	Blue	-	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	50m Roll
ICT231W2	White 2700K	1350 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	metre
ICT231W4	White 4000K	1525 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	metre
ICT231W6	White 6500K	1550 lm/m	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	metre
ICT231-B	Blue	-	16 W/m	120	200-240 VAC	IP65 - PVC sleeve	metre

Code	Description	Sales unit
ICT230AL	IconLED, supply cable 60cm LEDstrip 230V	Unit
ICT230CL	IconLED, mounting clip LEDstrip 230V	Unit
ICT230EN	IconLED, supply cable 60cm with plug 230V LEDstrip	Unit
ICT230TR	IconLED, end cap LEDstrip 230V	Unit
ICT230UN	IconLED, jumper cable with 2 connectors LEDtrip 230V	Unit



ICT230xx



ICT230AL



ICT230UN



ICT230CL



ICT230EN



ICT230TR



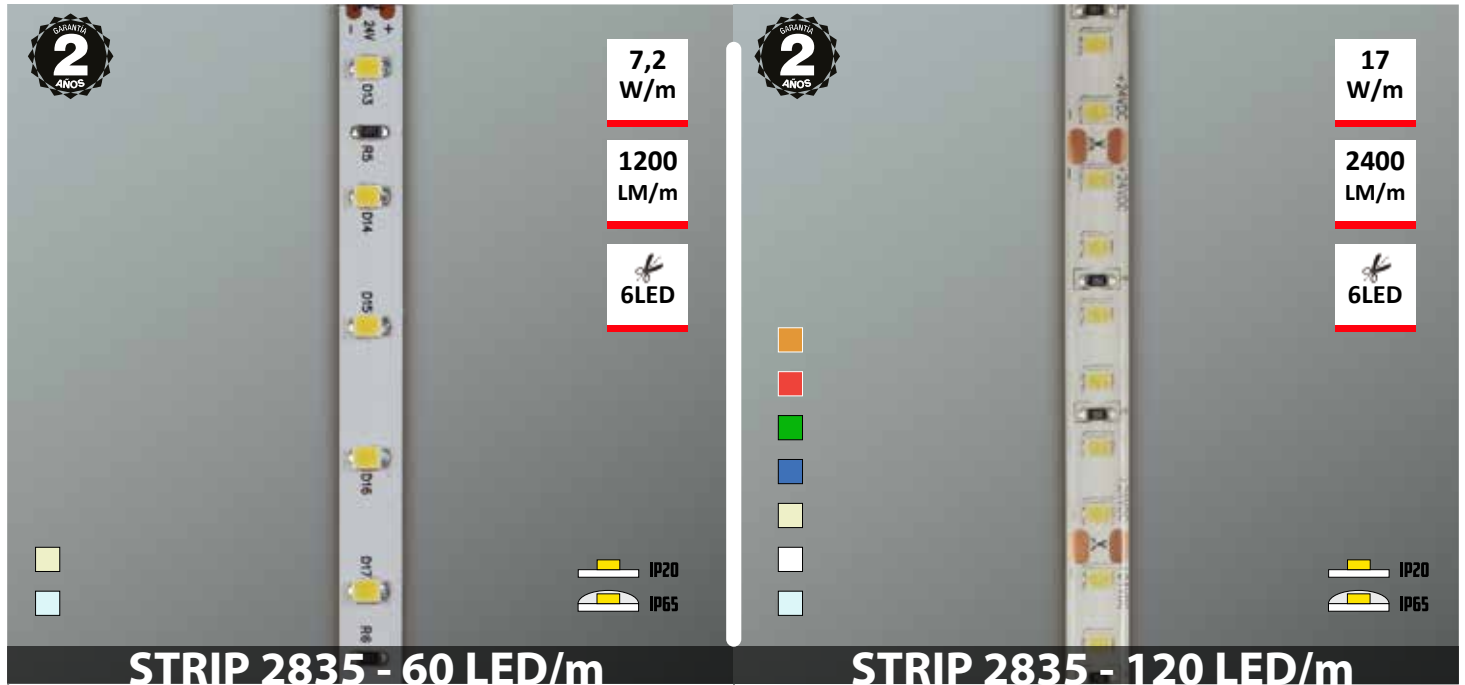
# LED STRIP 24V

24V DC

120°

SMD2835

IP20/IP65



No protection (IP20) or with silicone resin (IP65)  
 5 metre roll  
 white 6500K, white 3000K  
 Cutable every 6 LEDs (100 mm)

No protection (IP20) or with silicone resin (IP65)  
 5 metre roll  
 white 6500K, 4000K, 2700K, amber, blue, green, red  
 Cutable every 6 LEDs (50 mm)

Code	Colour	Lum. flux	Power	LED/m	Voltage	CRI	Protection	Width
ICFL12W3	White 3000K	1200 lm/m	7,2 W/m	60	24v	>80	IP20 - No protection	8 mm
ICFL12W6	White 6500K	1200 lm/m	7,2 W/m	60	24v	>80	IP20 - No protection	8 mm
ICFL15W3	White 3000K	1200 lm/m	7,2 W/m	60	24v	>80	IP65 - Resin	8 mm
ICFL15W6	White 6500K	1200 lm/m	7,2 W/m	60	24v	>80	IP65 - Resin	8 mm
ICFL22W2	White 2700K	2400 lm/m	17 W/m	120	24v	>80	IP20 - No protection	8 mm
ICFL22W4	White 4000K	2400 lm/m	17 W/m	120	24v	>80	IP20 - No protection	8 mm
ICFL22W6	White 6500K	2400 lm/m	17 W/m	120	24v	>80	IP20 - No protection	8 mm
ICFL22-Y	Amber		17 W/m	120	24v		IP20 - No protection	8 mm
ICFL22-B	Blue		17 W/m	120	24v		IP20 - No protection	8 mm
ICFL22-G	Green		17 W/m	120	24v		IP20 - No protection	8 mm
ICFL22-R	Red		17 W/m	120	24v		IP20 - No protection	8 mm
ICFL25W2	White 2700K	2400 lm/m	17 W/m	120	24v	>80	IP65 - Resin	8 mm
ICFL25W4	White 4000K	2400 lm/m	17 W/m	120	24v	>80	IP65 - Resin	8 mm
ICFL25W6	White 6500K	2400 lm/m	17 W/m	120	24v	>80	IP65 - Resin	8 mm
ICFL25-Y	Amber		17 W/m	120	24v		IP65 - Resin	8 mm
ICFL25-B	Blue		17 W/m	120	24v		IP65 - Resin	8 mm
ICFL25-G	Green		17 W/m	120	24v		IP65 - Resin	8 mm
ICFL25-R	Red		17 W/m	120	24v		IP65 - Resin	8 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
60 LED/m	5,60 m	7,50 m	12,50 m	18,75 m	31,20 m	4,50 m	7,50 m	15,00 m	30,00 m
120 LED/m	2,30 m	3,20 m	5,30 m	8,00 m	13,30 m	1,90 m	3,18 m	6,36 m	12,72 m



CARDBOARD BAG AND REEL



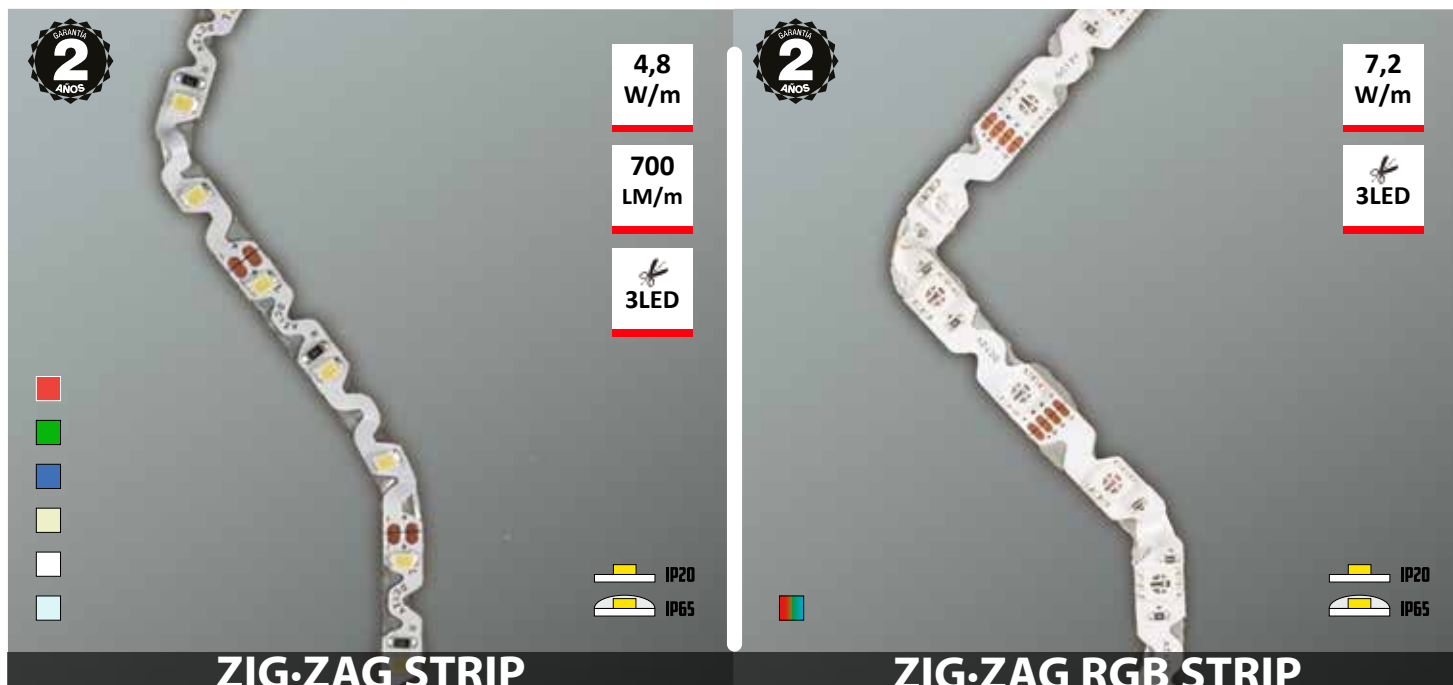
# LED STRIP ZIG-ZAG

12V DC

120°

3 LED

IP20/IP65



No protection (IP20) or with nanocoating (IP65)  
 Width 6 mm  
 5 metre roll  
 white 6500K, 4000K and 2700K, blue, green, red  
 Cutable every 3 LEDs

No protection (IP20) or with nanocoating (IP65)  
 Width 8 mm  
 5 metre roll  
 RGB  
 Cutable every 3 LEDs

See 120 LED/m Zig-Zag models on page 39

Code	Colour	Lum. flux	Power	LED/m	Voltage	Protection	Width
ICFLZZW2	White 2700K	700 lm/m	4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZZW4	White 4000K	700 lm/m	4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZZW6	White 6500K	700 lm/m	4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZZ-B	Blue		4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZZ-G	Green		4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZZ-R	Red		4,8 W/m	60	12v	IP20 - No protection	6 mm
ICFLZEW2	White 2700K	700 lm/m	4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZEW4	White 4000K	700 lm/m	4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZEW6	White 6500K	700 lm/m	4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZE-B	Blue		4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZE-G	Green		4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZE-R	Red		4,8 W/m	60	12v	IP65 - Nanocoating	6 mm
ICFLZZRG	RGB		7,2 W/m	48	12v	IP20 - No protection	8 mm
ICFLZERG	RGB		7,2 W/m	48	12v	IP65 - Nanocoating	8 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
Zig-Zag 60 LED/m	4,30 m	8,10 m	11,20 m	18,70 m	28,10 m	37,50 m	6,70 m	11,20 m	22,40 m	44,80 m
Zig-Zag RGB	3,00 m	5,60 m	7,50 m	12,50 m	18,70 m	25,00 m	4,50 m	7,50 m	15,00 m	30,00 m

# LED STRIP 24V

24V DC

120°

IP20/IP65



## ZIG-ZAG STRIP HO 128 LED

## COB STRIP

With nanocoating (IP65)  
5 metre roll  
CRI > 90  
white 6500K y 2700K

No protection (IP20) or heat-shrink sleeve (IP65)  
5 metre roll  
CRI > 90  
white 6500K, 4000K, 2700K, RGB

Code	Colour	Power	LED/m	Cutting unit	lm/m	lm/W	Protection	Width
ICFLZSW2	White 2700K	10 W/m	128	62 mm (8 LEDs)	1660	159	IP65 - Nanocoating	6 mm
ICFLZSW6	White 6500K	10 W/m	128	62 mm (8 LEDs)	1660	159	IP65 - Nanocoating	6 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
Strip ZigZag 128 LEDs	4,00 m	5,40 m	9,00 m	13,5 m	22,5 m	3,20 m	5,40 m	10,80 m	21,60 m

## COB

Code	Colour	Power	LED/m	Cutting unit	lm/m	Protection	Width
ICCOB2W2	White 2700K	8 W/m	320	50 mm	750	IP20 - No protection	8 mm
ICCOB2W4	White 4000K	8 W/m	320	50 mm	780	IP20 - No protection	8 mm
ICCOB2W6	White 6500K	8 W/m	320	50 mm	780	IP20 - No protection	8 mm
ICCOB5W4	White 4000K	11 W/m	480	50 mm	1120	IP65 - Heat-shrink sleeve	10 mm
ICCOB5W6	White 6500K	11 W/m	480	50 mm	1200	IP65 - Heat-shrink sleeve	10 mm
ICCOB5RG	RGB	14 W/m	756	31,26 mm	-	IP65 - Heat-shrink sleeve	12 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
Strip COB 320 LEDs	5,00 m	6,70 m	11,20 m	16,80 m	28,00 m	4,00 m	6,70 m	13,50 m	27,00 m
Strip COB 480 LEDs	3,60 m	4,90 m	8,10 m	12,20 m	20,30 m	2,90 m	4,90 m	9,80 m	19,60 m
COB RGB strip	2,80 m	3,80 m	6,40 m	9,60 m	16,00 m	2,30 m	3,80 m	7,70 m	15,40 m



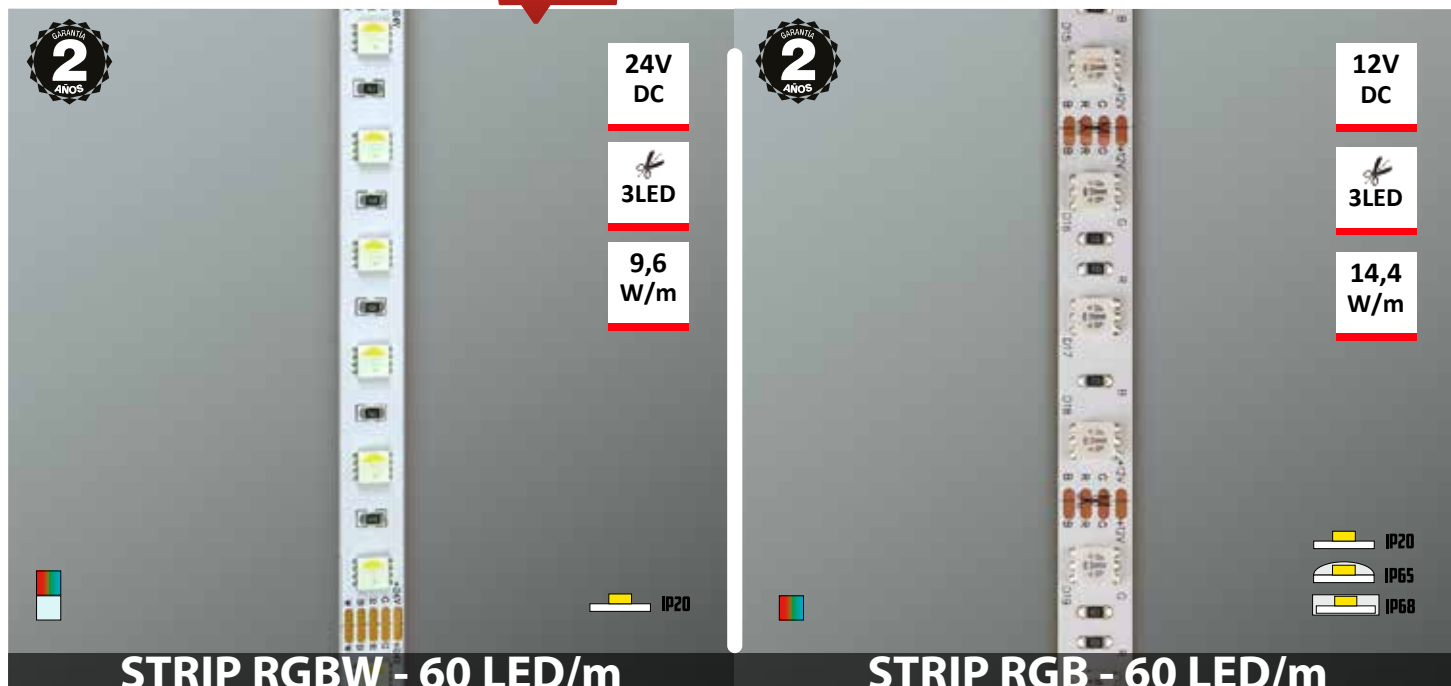
CARDBOARD BAG AND REEL



# LED STRIPS

RGB / RGBW

**NUEVO**



No protection (IP20)  
5 metre roll  
CRI > 90  
RGBW

IP20 with double-sided adhesive  
IP65 with resin and double-sided adhesive  
IP68 with filled silicone sleeve  
5 metre roll

## RGBW

Code	Colour	Power	LED/m	Voltage	Cutting unit	Im/m	Protection	Width
ICFLRGBW	6500K + RGB	9,6 W/m	60	24v	100 mm (6 LEDs)	690	IP20 - No protection	10 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
RGBW Strip	4,20 m	5,60 m	9,30 m	14,00 m	23,40 m	3,30 m	5,60 m	11,20 m	22,40 m

## RGB

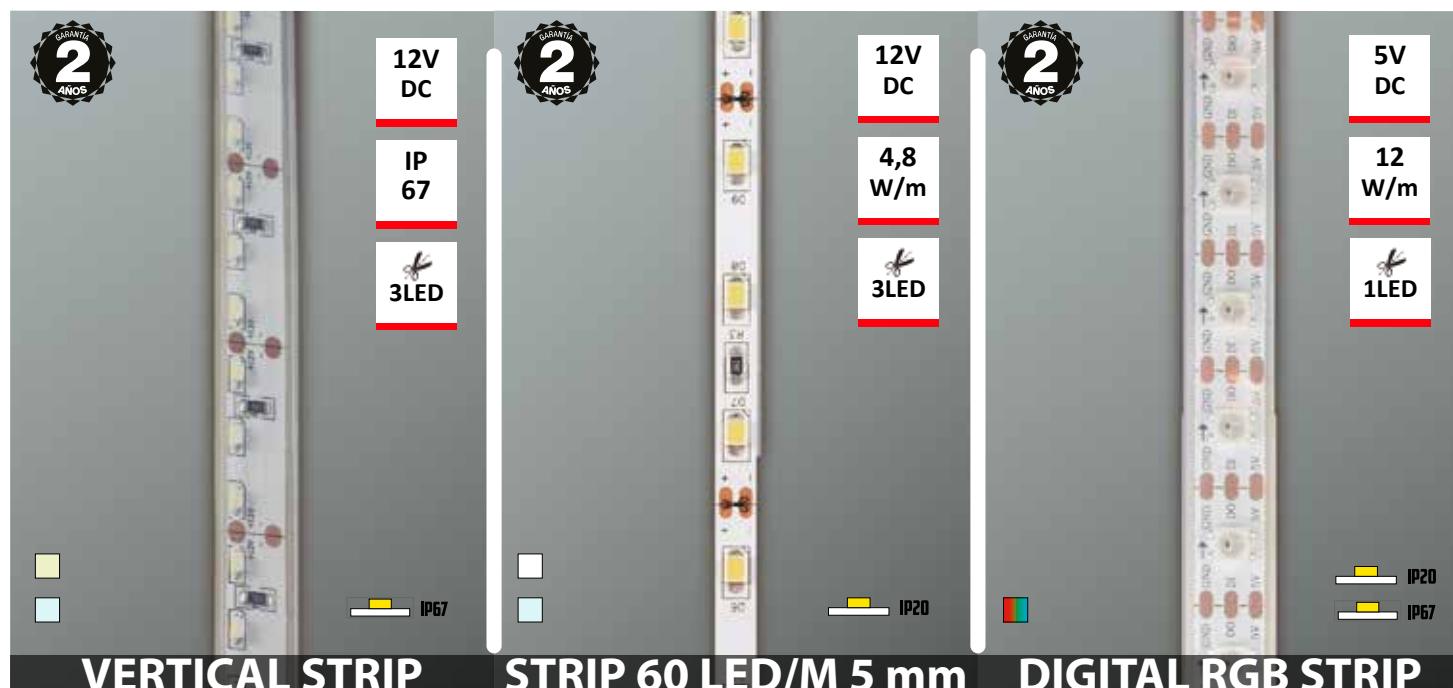
Code	Colour	Lum. flux	Power	LED/m	Voltage	Protection	Width
ICFL4RGB	RGB	-	14,4 W/m	60	12v	IP20 - No protection	10 mm
ICFL6RGB	RGB	-	14,4 W/m	60	12v	IP65 - Resin	10 mm
ICFL9RGB	RGB	-	14,4 W/m	60	12v	IP68 - Silicone sleeve	12,5 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

MODEL OF STRIP	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
RGB Strip 60 LED/m	1,40 m	2,80 m	3,80 m	6,30 m	9,40 m	12,50 m	2,30 m	3,80 m	7,60 m	15,20 m

# LED STRIPS

## VERTICAL / DIGITAL RGB



IP67 with silicone sleeve  
5 metre roll  
SMD 3014  
white 6500K, 3000K

IP20 with double-sided adhesive  
2.5 metre roll  
white 6500K, 4000K

IP20 with double-sided adhesive  
IP67 with silicone sleeve  
5 metre roll  
RGB (SMD 5050 addressable)

Code	Colour	Lum. flux	Power	LED/m	Protection	section
ICFLVLW6	White 6500K	1200 lm/m	9,6 W/m	120	IP67 - Silicone sleeve	10,5 x 4 mm
ICFLVLW3	White 3000K	1200 lm/m	9,6 W/m	120	IP67 - Silicone sleeve	10,5 x 4 mm

Code	Colour	Lum. flux	Power	LED/m	Protection	Width
ICFLOPW4	White 4000K	1000 lm/m	4,8 W/m	60	IP20 - No protection	5 mm
ICFLOPW6	White 6500K	1000 lm/m	4,8 W/m	60	IP20 - No protection	5 mm

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

STRIP MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
Vertical strip	2,10 m	4,00 m	5,60 m	9,35 m	14,05 m	18,75 m	3,40 m	5,60 m	11,20 m	22,40 m
Strip 5 mm	4,30 m	8,10 m	11,20 m	18,70 m	28,10 m	37,50 m	6,70 m	11,20 m	22,40 m	44,80 m

Code	Colour	Lum. flux	Power	LED/m	Protection	Width
ICFL4DIG	DIGITAL RGB	-	12 W/m	60	IP20 - No protection	10 mm
ICFL6DIG	DIGITAL RGB	-	12 W/m	60	IP67 - Silicone sleeve	12 mm

Metres per Meanwell power supply (calculated at 80% of the actual capacity of each power supply)

STRIP MODEL	IP67 POWER SUPPLIES - 5 VDC		
	35W - MLCA0535	60W - MLCA0560	100W - MLCA0510
Digital RGB strip	1,75 m	2,80 m	4,20 m

# COMBILED

## SILICONE SLEEVE + LED STRIP



### NEONLUX COMBILED

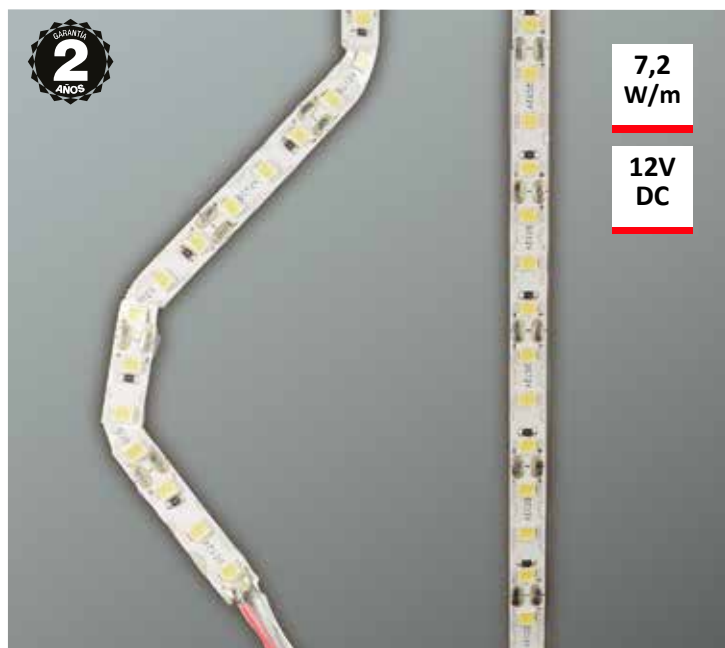
- Flexible silicone sleeve to be clipped on CombiLED 3D strip.
- The LED strip colour is the same as the silicone.
- Silicone available in two widths: 6 and 8 mm.

Description	Colour	Sales unit	Code 6 mm	Code 8 mm
Neonlux Combiled, flexible silicone sleeve	Amber	10m roll	ICSILI6A	ICSILI8A
Neonlux Combiled, flexible silicone sleeve	Blue	10m roll	ICSILI6B	ICSILI8B
Neonlux Combiled, flexible silicone sleeve	Fuchsia	10m roll	ICSILI6F	ICSILI8F
Neonlux Combiled, flexible silicone sleeve	Green	10m roll	ICSILI6G	ICSILI8G
Neonlux Combiled, flexible silicone sleeve	Cyan	10m roll	ICSILI6L	ICSILI8L
Neonlux Combiled, flexible silicone sleeve	Orange	10m roll	ICSILI6O	ICSILI8O
Neonlux Combiled, flexible silicone sleeve	Purple	10m roll	ICSILI6P	ICSILI8P
Neonlux Combiled, flexible silicone sleeve	Red	10m roll	ICSILI6R	ICSILI8R
Neonlux Combiled, flexible silicone sleeve	Pink	10m roll	ICSILI6S	ICSILI8S
Neonlux Combiled, flexible silicone sleeve	White	10m roll	ICSILI6W	ICSILI8W
Neonlux Combiled, flexible silicone sleeve	Lemon yellow	10m roll	ICSILI6Y	ICSILI8Y



# COMBILED

## SILICONE SLEEVE + LED STRIP



### 3D COMBILED STRIP



### ACCESSORIES

No protection (IP20). Width 6,5 mm.  
10 metre roll.  
120 LED/m. Cuttable every 3 LEDs (cada 25 mm).  
Max 2 metres in series.  
Compatible with 6 and 8 mm silicone.

Manual silicone cutting tools.  
Milling bits for 6 and 8 mm Combiled.

Code	Colour
ICFL3DW6	White 6500K
ICFL3DW4	White 4000K
ICFL3DW2	White 2700K
ICFL3D-A	Amber
ICFL3D-B	Blue

Code	Colour
ICFL3D-F	Fuchsia
ICFL3D-G	Green
ICFL3D-L	Cyan
ICFL3D-O	Orange

Code	Colour
ICFL3D-P	Purple
ICFL3D-R	Red
ICFL3D-S	Pink
ICFL3D-Y	Lemon yellow

Metres per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
Combiled 120 LED/m	3,00 m	5,60 m	7,50 m	12,50 m	18,70 m	25,00 m	4,50 m	7,50 m	15,00 m	30,00 m

Code	Description
IC-COM01	Neonlux COMBILED, hand tool for angle cut
IC-COM02	Neonlux COMBILED, hand tool for round cut
IC-COM03	Neonlux COMBILED, milling bit Combiled 6 mm
IC-COM04	Neonlux COMBILED, milling bit Combiled 8 mm
IC-COM05	Neonlux, silver-plated solder wire, 50 mm, 200 ud.
IC-COM07	Neonlux, silver-plated solder wire, 70 mm, 200 ud.
IC-COM10	Neonlux, silver-plated solder wire, 100 mm, 200 ud.
IC-COM15	Neonlux, silver-plated solder wire, 150 mm, 200 ud.
IC-COMR1	Neonlux, silver-plated solder wire, roll 100 m
IC2TR023	Parallel cable, double transparent sheath, 100m, 2x0.23 mm <sup>2</sup>
IC2TR051	Parallel cable, double transparent sheath, 100m, 2x0.50 mm <sup>2</sup>
ICGLUE10	LED silicone sealant glue, 10 ml

# NEONLUX OUTDOOR

24V DC

120 LED/m

✂ 8,3mm

IP65



## NEONLUX IP65

- Silicon neonled, section 16 x 8 mm.
- 180° light diffusion.
- Outdoor signage or architectural applications.
- SMD 2835 - 120 LED/m.
- 9,6 W/m - 24 VDC.
- Cutting unit: 8,3 mm.
- Minimum bending radius: 50 mm
- Coloured sleeve (keep colour when off).

Each Neonlux 5m roll is delivered with cable at 2 ends, already assembled and sealed.

Code	Description	Colour	Sales unit
IC816DCB	Neonlux, silicone ledneon IP65, 24V	Blue	5m roll
IC816DCG	Neonlux, silicone ledneon IP65, 24V	Green	5m roll
IC816DCA	Neonlux, silicone ledneon IP65, 24V	Amber	5m roll
IC816DCR	Neonlux, silicone ledneon IP65, 24V	Red	5m roll
IC816DCP	Neonlux, silicone ledneon IP65, 24V	Fuchsia	5m roll
IC816DCW	Neonlux, silicone ledneon IP65, 24V	White 6500K	5m roll
IC816DCW	Neonlux, silicone ledneon IP65, 24V	White 4000K	5m roll
IC816DCC	Neonlux, silicone ledneon IP65, 24V	White 3000K	5m roll
IC816030	Neonlux, aluminium clip, 30 mm	-	unit
IC816200	Neonlux, aluminium profile, 200 cm	-	unit
IC816-TI	Neonlux, initial end cap, with hole (cables not included)	-	unit
IC816-TF	Neonlux, final end cap	-	unit
IC816-PC	Neonlux, connection welding board, 10 ud	-	bag 10 pcs
ICFUNT20	Heat-shrink sleeve dia. 20 mm x 100 mm	-	bag 10 pcs
ICFUNT10	Heat-shrink sleeve dia. 10 mm x 100 mm	-	bag 10 pcs



IC816030



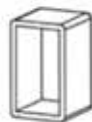
IC816200



IC816-PC



IC816-TI



IC816-TF



ICFUNTxx

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
NEONLUX	4,20 m	5,60 m	9,30 m	14,00 m	23,40 m	3,30 m	5,60 m	11,20 m	22,40 m

# NEONLUX OUTDOOR RGB

24V DC

120 LED/m

✂ 55 mm

IP65



## NEONLUX IP65 RGB

- Silicon neonled, section 16 x 8 mm.
- 180° light diffusion.
- Outdoor signage or architectural applications.
- SMD 2835 - 120 LED/m.
- 12 W/m - 24 VDC.
- Cutting unit: 8,3 mm.
- Minimum bending radius: 50 mm

Each Neonlux 5m roll is delivered with cable at 2 ends, already assembled and sealed.

Code	Description	Colour	Sales unit
IC816RGB	Neonlux, silicone ledneon IP65, 24V	RGB	5m roll
IC816030	Neonlux, aluminium clip, 30 mm	-	unit
IC816200	Neonlux, aluminium profile, 200 cm	-	unit
IC816-TI	Neonlux, initial end cap, with hole (cables not included)	-	unit
IC816-TF	Neonlux, final end cap	-	unit
ICFUNT20	Heat-shrink sleeve dia. 20 mm x 100 mm	-	bag 10 pcs
ICFUNT10	Heat-shrink sleeve dia. 10 mm x 100 mm	-	bag 10 pcs



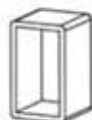
IC816030



IC816200



IC816-TI



IC816-TF



ICFUNTxx

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES					IP20 POWER SUPPLIES			
	45W	60W	100W	150W	250W	36W	60W	120W	240W
<b>24 VDC</b>	ICE24045	ICE24063	ICE24102	ICE24150	ICE24250	IC-24036	IC-24060	IC-24120	IC-24240
NEONLUX RGB	3,30 m	4,50 m	7,50 m	11,20 m	18,70 m	2,70 m	4,50 m	9,00 m	18,00 m

# NEONLUX MICRO

12V DC

120 LED/m

SMD2835

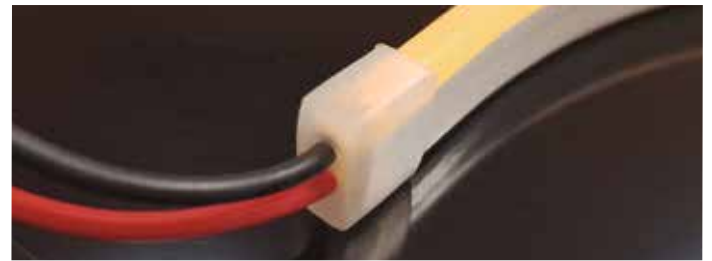
✂ 10 mm



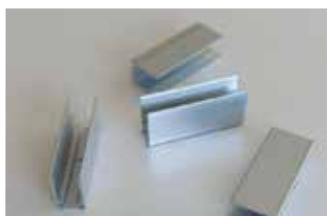
## NEONLUX MICRO

- Flexible silicone sleeve, section 12 x 6 mm.
- For indoor applications.
- SMD 2835 - 120 LED/m.
- 9 W/m - 12 VDC.
- Cutting unit: 1 cm.
- Moisture resistant, NOT to UV rays.

Available in 5 metre and 50 metre rolls.



Description	Colour	Sales unit	Code 5 m	Code 50 m
Neonlux Micro, silicone NeonLED, 12V	Blue	5m / 50m	IC061-5B	IC061DCB
Neonlux Micro, silicone NeonLED, 12V	Red	5m / 50m	IC061-5R	IC061DCR
Neonlux Micro, silicone NeonLED, 12V	Lemon yellow	5m / 50m	IC061-5Y	IC061DCY
Neonlux Micro, silicone NeonLED, 12V	Amber	5m / 50m	IC061-5A	IC061DCA
Neonlux Micro, silicone NeonLED, 12V	Green	5m / 50m	IC061-5G	IC061DCG
Neonlux Micro, silicone NeonLED, 12V	Fuchsia	5m / 50m	IC061-5F	IC061DCF
Neonlux Micro, silicone NeonLED, 12V	Pink	5m / 50m	IC061-5S	IC061DCS
Neonlux Micro, silicone NeonLED, 12V	Cyan	5m / 50m	IC061-5L	IC061DCL
Neonlux Micro, silicone NeonLED, 12V	Orange	5m / 50m	IC061-5O	IC061DCO
Neonlux Micro, silicone NeonLED, 12V	Violet	5m / 50m	IC061-5P	IC061DCP
Neonlux Micro, silicone NeonLED, 12V	White 10000K	5m / 50m	IC061-5W	IC061DCW
Neonlux Micro, silicone NeonLED, 12V	White 3500K	5m / 50m	IC061-5C	IC061DCC
Neonlux Micro, aluminium clip 30 mm	-	unit	IC060003	
Neonlux Micro, aluminium profile 100 cm	-	unit	IC060100	
Neonlux Micro, initial end cap	-	unit	IC060-TI	
Neonlux Micro, final end cap	-	unit	IC060-TF	
Heat-shrink sleeve dia. 20 mm x 100 mm	-	bag 10 pcs	ICFUNT20	
Heat-shrink sleeve dia. 10 mm x 100 mm	-	bag 10 pcs	ICFUNT10	



IC060003



IC060100



IC060-TI / IC060-TF



ICGLUE10

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
NEONLUX MICRO	2,40 m	4,50 m	6,00 m	10,00 m	15,00 m	20,00 m	3,60 m	6,00 m	12,00 m	24,00 m

# NEONLUX RGB

12V DC

120 LED/m

SMD5050

✂ 37 mm



## NEONLUX RGB

- Flexible silicone Neonled, section 16 x 8 mm.
- For indoor applications.
- SMD 5050 - 120 LED/m.
- 12 W/m - 12 VDC.
- Cutting unit: 3,7 cm.
- Maximum 5 m in series (10 m powered from both ends).
- Moisture resistant, NOT to UV rays.

Available in 5 metre and 50 metre rolls.



Code	Description	Colour	Sales unit
IC081RGB	Neonlux Micro, silicone NeonLED, 12V	RGB	5m roll
IC085RGB	Neonlux Micro, silicone NeonLED, 12V	RGB	50m roll
IC080005	Neonlux Micro, aluminium clip 30 mm	-	unit
IC080100	Neonlux Micro, aluminium profile 100 cm	-	unit
IC080-TI	Neonlux Micro, initial end cap	-	unit
IC080-TF	Neonlux Micro, final end cap	-	unit
ICFUNT20	Heat-shrink sleeve dia. 20 mm x 100 mm	-	bag 10 pcs
ICFUNT10	Heat-shrink sleeve dia. 10 mm x 100 mm	-	bag 10 pcs



IC080005



IC080100



IC080-TI / IC080-TF



ICGLUE10

Modules per IconLED power supply (calculated at 90% of the actual capacity of each power supply)

LED MODEL	IP67 POWER SUPPLIES						IP20 POWER SUPPLIES			
	24W	45W	60W	100W	150W	200W	36W	60W	120W	240W
<b>12 VDC</b>	ICE12024	ICE12045	ICE12063	ICE12102	ICE12151	ICE12200	IC-12036	IC-12060	IC-12120	IC-12240
NEONLUX RGB	1,80 m	3,30 m	4,50 m	7,50 m	11,20 m	15,00 m	2,70 m	4,50 m	9,00 m	18,00 m

# LED LUMINAIRE

## LED STRIP PROFILE WITH WALL FIXING OR SUSPENDED



### PRELIGHT LED

Aluminium LED trough light, with LED strips, up to 3 m height light coverage. Indoor or outdoor use, depending on LED waterproof.

4 bracket models with different lengths.

### Brackets for Prelight LED

Galvanised steel, grey lacquered.

Single sided, 4 lengths: 3, 10, 20 and 40 cm. Double sided, 1 length.

Screws included.



PLULED03



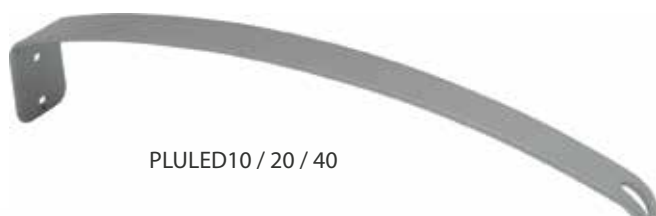
PLULED00



PTL100TP



PTL100CB



PLULED10 / 20 / 40



PLULED35



PTL100A2

### RECOMMENDED LED

Strip 120 LED/m

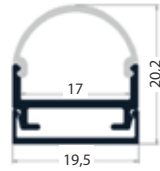
Code	Description	Sales unit
PTL100A2	LED trough light profile 20,5 mm anodised + diffuser	bar 2 m
PTL100TP	End cap, gray plastic, set of 2 pcs	set
PTL100CB	Metal suspension cable set	set of 2 pcs
PLULED03	Bracket, 3cm length, grey lacquered	unit
PLULED10	Bracket, 10cm length, grey lacquered	unit
PLULED20	Bracket, 20cm length, grey lacquered	unit
PLULED40	Bracket, 40cm length, grey lacquered	unit
PLULED35	Double-sided bracket, 35mm base, grey lacquered	unit
PLULED00	Extension bracket, grey lacquered	unit
PTL100DF	Replacement diffuser for PTL100A2	bar 2 m



# LED STRIP PROFILES

## SURFACE PROFILES

### PTL201A2 - ROUND DIFFUSER



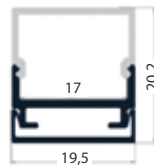
### PROFILE FOR FLEXIBLE LED STRIP

For use with non-waterproof or resin-coated LED strip. Indoor use.

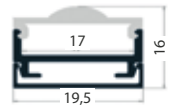
The lower profile allows wall fixing.

The upper profile allows LED strip mounting.

### PTL202A2 - STRAIGHT DIFFUSER



### PTL203A2 - LENS DIFFUSER LENS 60°



Code	Description	Sales unit
PTL201A2	Anodised profile for LED strip + white round diffuser	bar 2 m
PTL201TP	2 end caps for round profile	set
PTL201DF	Replacement round diffuser, for PTL201A2	bar 2 m
PTL202A2	Anodised profile for LED strip + straight diffuser	bar 2 m
PTL202TP	2 end caps for straight profile	set
PTL202DF	Replacement straight diffuser, for PTL202A2	bar 2 m
PTL203A2	Anodised profile for LED strip + 60° lens diffuser	bar 2 m
PTL203TP	2 end caps for profile with 60° lens	set
PTL203DF	Replacement 60° lens diffuser, for PTL203A2	bar 2 m

#### RECOMMENDED LED

Strip 120 LED/m



PTL407



PTL415

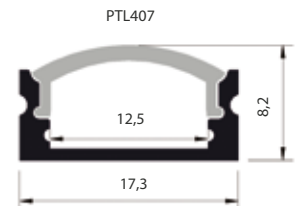
### SURFACE LED STRIP PROFILE

For use with non-waterproof or resin-coated LED strip. Indoor use.

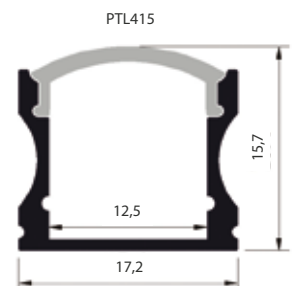
Silver anodised aluminium profile.

#### RECOMMENDED LED

Strip 120 LED/m



PTL407



PTL415

Code	Description	Sales unit
PTL407A2	Anodised profile for LED strip + diffuser (7 mm)	bar 2 m
PTL407TP	2 end caps for profile	set
PTL407CL	2 metal fixing clips	set
PTL415A2	Anodised profile for LED strip + diffuser (15 mm)	bar 2 m
PTL415TP	2 end caps for profile	set
PTL415CL	2 metal fixing clips	set

# LED STRIP PROFILES

## CORNER PROFILES



PTL300CB

### LED STRIP PROFILE FOR CORNER OR SUSPENDED

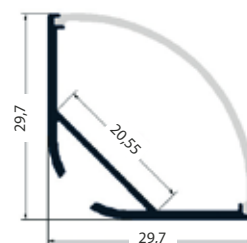
For use with non-waterproof or resin-coated LED strip.  
Indoor use.  
Silver anodised aluminium profile.  
Straight and 90° connectors.



#### RECOMMENDED LED

Strip 120 LED/m

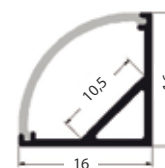
Code	Description	Sales unit
PTL300A2	Anodised profile for LED strip + diffuser	bar 2 m
PTL300TP	2 end caps for profile	set
PTL300DF	Replacement diffuser for PTL300A2	bar 2 m
PTL300CL	2 plastic fixing clips	set
PTL300C1	180° straight connector	unit
PTL300C2	90° angle connector	unit
PTL300CB	Metal suspension cable set for luminaire	set of 2 pcs



### LED STRIP PROFILE FOR CORNER OR CEILING

For use with non-waterproof or resin-coated LED strip.  
Indoor use.  
Silver anodised aluminium profile.

Code	Description	Sales unit
PTL316A2	Anodised profile for LED strip + diffuser	bar 2 m
PTL316TP	2 end caps for profile	set
PTL316CL	2 metal fixing clips	set
PTL316DF	Replacement diffuser for PTL316A2	bar 2 m

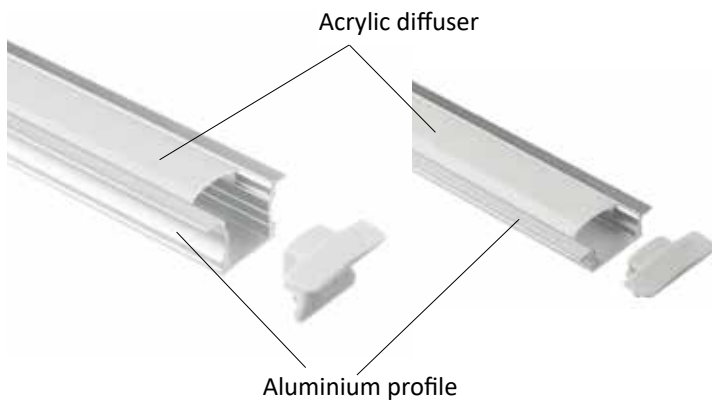


#### RECOMMENDED LED

Strip 120 LED/m

# LED STRIP PROFILES

## SURFACE PROFILES



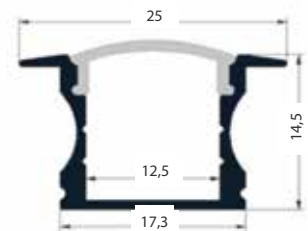
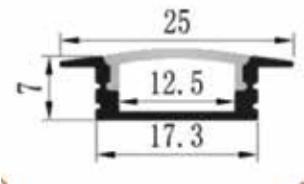
### RECESSED LED STRIP PROFILE

For use with non-waterproof or resin-coated LED strip. Indoor use.

Silver anodised aluminium profile.

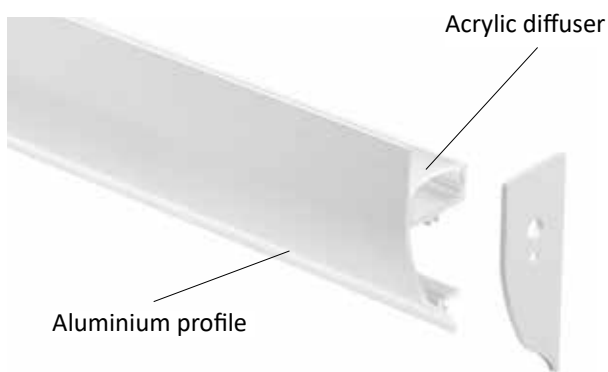


Code	Description	Sales unit
PTL401A2	Anodised profile for LED strip + diffuser (7 mm)	bar 2 m
PTL401TP	2 end caps for profile for PTL401A2 profile	set
PTL401CL	2 metal fixing clips for PTL401A2 profile	set
PTL400A2	Anodised profile for LED strip + diffuser (15 mm)	bar 2 m
PTL400TP	2 end caps for PTL400A2 profile	set
PTL400CL	2 plastic fixing clips for PTL400A2 profile	set



#### RECOMMENDED LED

Strip 120 LED/m

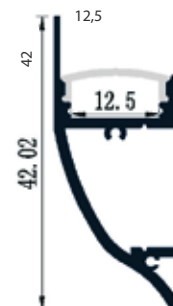


### INDIRECT LIGHT LED STRIP PROFILE

For use with non-waterproof or resin-coated LED strip. Silver anodised aluminium profile.

Indoor application, arquitectura. Indirect lighting, facing up or down. Wall fixing clip.

Code	Description	Sales unit
PTL500A2	Anodised profile for LED strip + diffuser	bar 2 m
PTL500TP	2 end caps for profile	set
PTL500CL	2 metal fixing clips	set



#### RECOMMENDED LED

Strip 60 or 120 LED/m

# PHILIPS POWER SUPPLIES

1-10V

24V DC

IP20

**PHILIPS**



## PHILIPS Xitanium LED Driver power supplies

Dimmable 1–10V indoor LED power supply range. Ideal for indoor lightboxes with multiple power supplies, allowing brightness adjustment via a potentiometer. Available in 24V.

De 60 a 250W.

Power factor: 0.9.

24VDC

Code	Nom. power	Power range	Protection	Dimensions	Weight (g)	Warranty	Sales unit
PHD24060	60 W	3 a 60 W	IP20	300 x 30 x 16 mm	175	5 years	unit
PHD24100	100 W	5 a 100 W	IP20	350 x 30 x 18 mm	193	5 years	unit
PHD24150	150 W	7,5 a 150 W	IP20	350 x 30 x 18 mm	275	5 years	unit
PHD24250	250 W	12,5 a 250 W	IP20	400 x 40 x 22 mm	500	5 years	unit

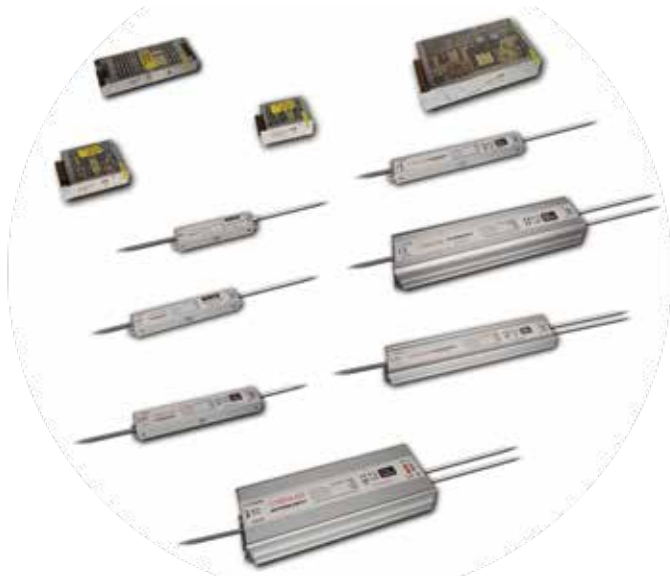
# ICONLED POWER SUPPLIES

12V DC

24V DC

IP20

IP67



## ICONLED power supplies

Range of LED power supplies.

Available in 12V and 24V.

De 24 a 250W.

IP20 / IP67.

Aluminium body.

Earth connection on all models.

### 12VDC

Code	Nom. power	Real power	Protection	Use	Dimensions	Outputs	Sales unit
IC-12036	36 W	36 W	IP20	indoor	84 x 58 x 38 mm	1	unit
IC-12060	60 W	60 W	IP20	indoor	110 x 78 x 35 mm	1	unit
IC-12120	120 W	120 W	IP20	indoor	160 x 60 x 31 mm	2	unit
IC-12240	240 W	240 W	IP20	indoor	199 x 110 x 50 mm	2	unit
ICE12024	24 W	24 W	IP67	outdoor	140 x 29 x 21 mm	1	unit
ICE12045	45 W	45 W	IP67	outdoor	190 x 29 x 21 mm	1	unit
ICE12063	60 W	60 W	IP67	outdoor	222 x 29 x 21 mm	1	unit
ICE12102	100 W	100 W	IP67	outdoor	218 x 40 x 22 mm	1	unit
ICE12151	150 W	150 W	IP67	outdoor	279 x 57 x 25 mm	2	unit
ICE12200	200 W	200 W	IP67	outdoor	225 x 66 x 36 mm	1	unit

### 24VDC

Code	Nom. power	Real power	Protection	Use	Dimensions	Outputs	Sales unit
IC-24036	36 W	36 W	IP20	indoor	84 x 58 x 38 mm	1	unit
IC-24060	60 W	60 W	IP20	indoor	110 x 78 x 35 mm	1	unit
IC-24120	120 W	120 W	IP20	indoor	160 x 98 x 38 mm	2	unit
IC-24240	240 W	240 W	IP20	indoor	199 x 110 x 50 mm	2	unit
ICE24045	45 W	45 W	IP67	outdoor	190 x 29 x 21 mm	1	unit
ICE24063	60 W	60 W	IP67	outdoor	222 x 29 x 21 mm	1	unit
ICE24102	100 W	100 W	IP67	outdoor	218 x 40 x 22 mm	1	unit
ICE24151	150 W	150 W	IP67	outdoor	279 x 57 x 25 mm	1	unit
ICE24250	250 W	250 W	IP67	outdoor	252 x 90 x 45 mm	2	unit

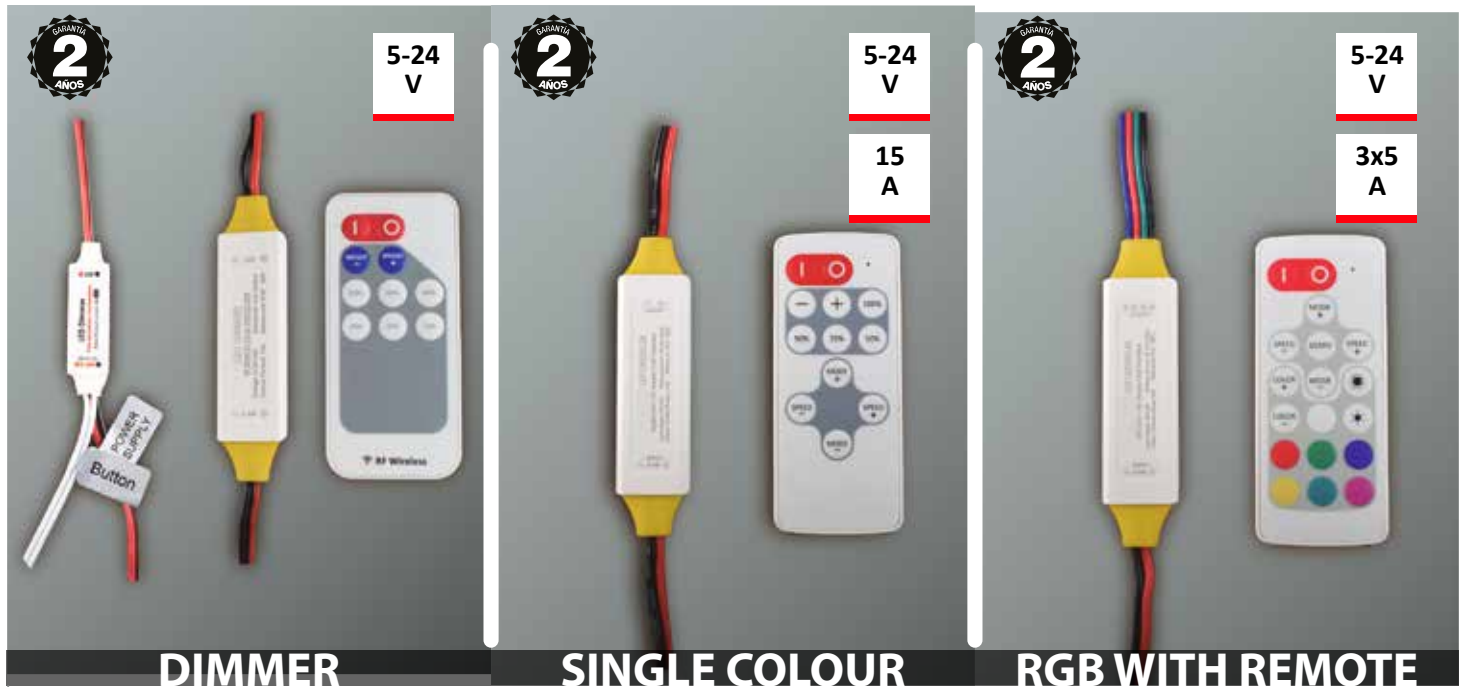
### 12VDC Adapters

Code	Nom. power	Real power	Protection	Use	Outputs	Sales unit
L-ADAP18	18 W	18 W	IP20	indoor	1	unit
L-ADAP36	36 W	36 W	IP20	indoor	1	unit
L-ADAP60	60 W	60 W	IP20	indoor	1	unit



# CONTROLLERS

## SINGLE COLOUR



### DIMMER

Brightness dimmer for single-colour LED systems.

Version without remote. Operated by push button (not included):

#### ICDIMS00

Maximum load at 5 VDC: 40 W  
Maximum load at 12 VDC: 96 W  
Maximum load at 24 VDC: 192 W

Version with remote

#### ICDIMS01

Maximum load at 5 VDC: 75 W  
Maximum load at 12 VDC: 180 W  
Maximum load at 24 VDC: 360 W

If output current exceeds 15A, use additional amplifiers **ICAMPS01**

### SINGLE COLOUR

Effects controller for single-colour LED systems.

#### ICCONS01

LED controller with remote  
- Several effect presets.  
- 4 shortcut buttons to predefined levels.  
- Possibility of pairing several devices with a single remote.

If output current exceeds 15A, use additional amplifiers **ICAMPS01**

Maximum load at 5 VDC: 75 W  
Maximum load at 12 VDC: 180 W  
Maximum load at 24 VDC: 360 W

### RGB WITH REMOTE

Effects controller for RGB LED systems.

#### ICCORGBM

RGB LED controller with remote.  
- 43 dynamic modes.  
- 30 static colours.  
- Possibility of pairing several devices with a single remote.

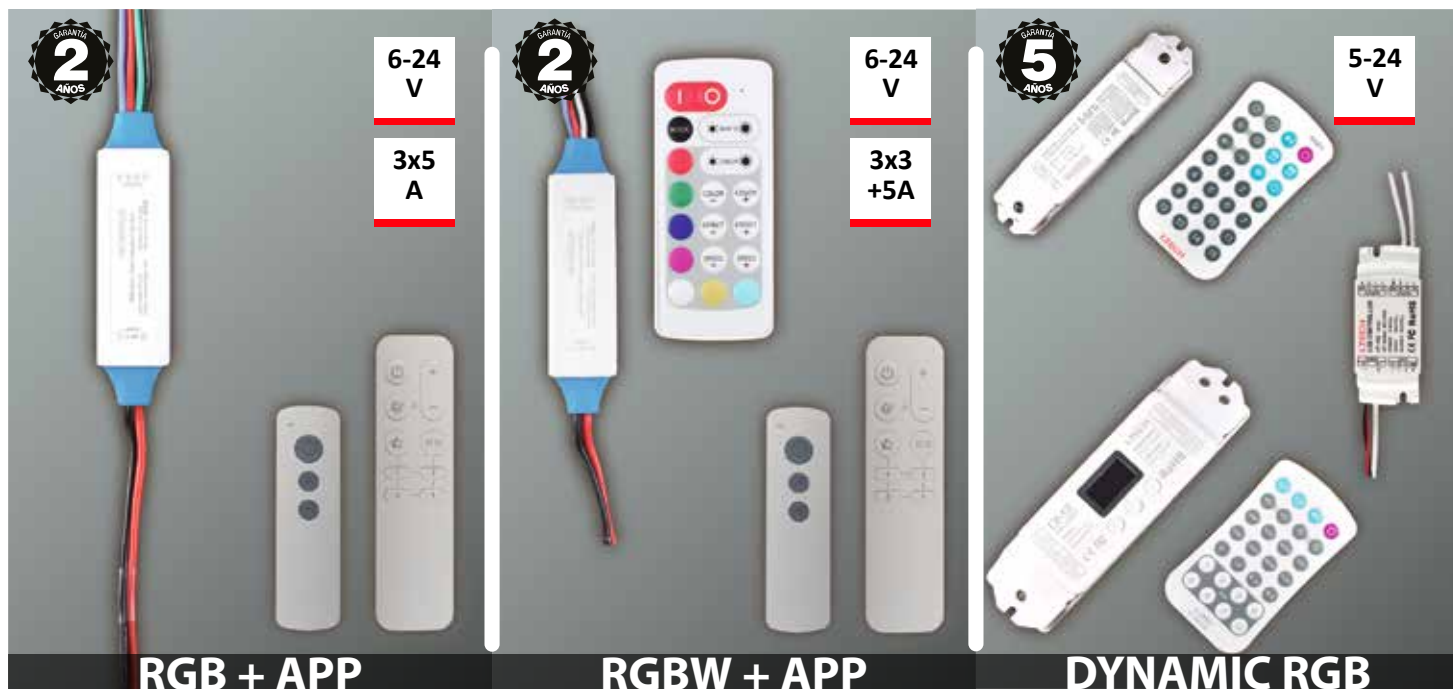
If output current exceeds 15A, use additional amplifiers **ICAMPRGB**

Maximum load at 5 VDC: 75 W  
Maximum load at 12 VDC: 180 W  
Maximum load at 24 VDC: 360 W

Code	Description	Voltage	Protection	Output	Sales unit
ICDIMS00	IconLED, single color LED dimmer, no remote	5-24 Vdc	IP63	8 A	unit
ICDIMS01	IconLED, single color LED dimmer + remote	5-24 Vdc	IP68	15 A	unit
ICCONS01	IconLED, single color LED controller + mando	5-24 Vdc	IP68	15 A	unit
ICAMPS01	IconLED, single color LED amplifier	5-24 Vdc	IP68	15 A	unit
ICCORGBM	IconLED, RGB LED controller + remote 5-24v	5-24 Vdc	IP68	3x5 A	unit
ICAMPRGB	IconLED, RGB LED amplifier 5-24v, IP68	5-24 Vdc	IP68	3x5 A	unit

# CONTROLLERS

RGB - RGBW - DYNAMIC RGB



## RGB + APP

### ICMERGBS

RGB effects controller for LED systems.

- Managed via Smartphone, Umi App.
- Possibility of grouping several controllers and create scenarios.
- No amplifiers needed.
- Controllers can be grouped and synchronised from the app and the remote.
- 42 dynamic modes.
- Optional remote for basic functions.
- Optional remote for full control.
- Possibility of pairing several devices with a single remote.

## RGBW + APP

### ICMERGBSW

RGBW effects controller for LED systems.

- Managed via Smartphone, Umi App.
- Possibility of grouping several controllers and create scenarios.
- No amplifiers needed.
- Controllers can be grouped and synchronised from the app and the remote.
- 42 dynamic modes.
- Optional remote for basic functions.
- Optional remote for all functions.
- Possibility of pairing several devices with a single remote.

## DYNAMIC RGB

DIGITAL RGB LED controllers

### Basic model **LTSP1160**

- Maximum 1020 pixels.
- 16 preset dynamic modes.
- Direction change.
- Scenes.

### Configurable model **LTSP1203**

- Maximum 1024 pixels.
- 540 dynamic modes.
- Possibility of connection to DMX console.

### Amplifier **LTSP1122**

- DMX signal amplifier.
- 1 input, 2 outputs.

Code	Description	Voltage	Protection	Output	Sales unit
ICMERGBS	RGB LED controller IP68 MESH,Smartphone	6-24 Vdc	IP68	3x5 A	unit
ICM1RGBW	RGBW LED controller IP63 MESH,Smartphone	6-24 Vdc	IP63	3x3+ 5 A	unit
ICMERGBW	RGBW LED controller IP68 MESH,Smartphone	6-24 Vdc	IP68	3x3 + 5 A	unit
ICMESH-R	IconLED, optional BASIC remote, compatible with ICMERGBS, ICM1RGBW y ICMERGBW				unit
ICMESH2R	IconLED, optional TOTAL remote, compatible with ICMERGBS, ICM1RGBW y ICMERGBW				unit
ICMESH3R	IconLED, optional TOTAL remote, compatible with ICM1RGBW y ICMERGBW				unit

Code	Description	Voltage	Protection	Output	Sales unit
LTSP1160	Ltech, digital controller SPI16 with remote	5-24 Vdc	IP22	max. 1020 pixels	unit
LTSP1203	Ltech, digital controller SPI1203 with remote	5-24 Vdc	IP22	max. 1024 pixels	unit
LTSP1122	Ltech, digital amplifier LT122	5-36 Vdc	IP67	-	unit

# CONNECTORS



MLPH-UR2



MLPH-UY2



MLPH-UB2

Code	Colour	Sales unit
MLPH-UR2	red	100 ud.
MLPH-UY2	orange	100 ud.
MLPH-UB2	blue	100 ud.
MLPH-314	blue	50 pcs.

## Original waterproof connectors

### Corning 3M low voltage

- MLPH-UR2: 3-exit connector (3 cables).
- MLPH-UY2: 2-exit connector (2 cables).
- MLPH-UB2: by-pass connection.

### 3M waterproof connectors up to 230V.

- MLPH-314: 3-exit connector (3 cables 0,5 a 1,5 mm<sup>2</sup>).
- For power supply-LED connections or joining 230V cables.
- Moisture resistant.



MLPH-314

CORNING 3M



Code	Cable	Sales unit
CON-RT01	AWG 22-20	100 ud.
CON-RT03	AWG 18-16	100 ud.

## Dimensions

CON-RT01: 15 mm x 8 mm diameter.

CON-RT03: 22 mm x 12,5 mm diameter.

## Quick connectors

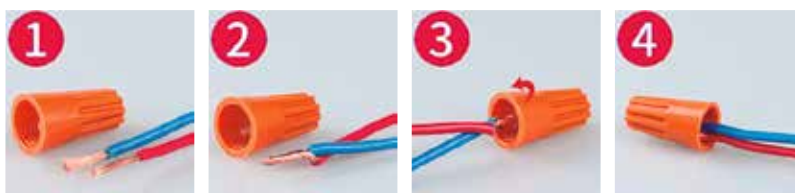
Indoor connectors for quick and reliable connections. Simply twist the cable wires, insert them into the connector and turn. No tools required.

IP20, not waterproof.

For waterproof, the connector can be filled with glue once cables are connected and verified.

CON-RT01: suitable for 2-3 cables used in LED modules and LEDstrips. Min. 2 cables AWG22 and max. 2 cables AWG16.

CON-RT03: suitable for power supply cables and up to 5 LED module cables. Min. 2 cables AWG18 and max. 5 cables AWG16.



## Heat-shrink sleeves and silicone glue

Heat-shrink sleeves of 10, 20 and 25 mm diameter, ideal for cable joints and Neonlux in outdoor applications, helping to restore waterproof sealing after cutting.

Length: 100 mm. Supplied in bags of 10 units.

Adhesive suitable for protecting Neonlux connections, ensuring waterproof sealing in outdoor electrical joints, and protecting electronic boards in general.



Code	Description	Sales unit
ICFUNT10	Heat-shrink sleeves, diameter 10 mm x 100 mm, 10 uds	Bag 10 pcs.
ICFUNT20	Heat-shrink sleeves, diameter 20 mm x 100 mm, 10 uds	Bag 10 pcs.
ICFUNT25	Heat-shrink sleeves, diameter 25 mm x 100 mm, 10 uds	Bag 10 pcs.
ICGLUE45	Kafuter K-5905 silicone glue, 45g	unit
ICGLUE10	Silicone glue 10g	unit

# CABLES



## Connector for LED strip

Snap-lock connector for LED strips and cables.  
9 in 1 connection ways with a single connector. indoor use.  
For 4, 5, 6 and 8 mm single-colour COB or SMD LED strips.

Code	LED strip width	Sales unit
CONNECTL8	8 mm	10 pcs.
CONNECTL6	4-5-6 mm	10 pcs.

Max power (supply) 300W (12V)  
600W (24V)



Max. per branch 120W (12V)  
240W (24V)

## High power distributor

Converts 1 two-pole cable input to 9 two-pole cable outputs.  
Perfect for branch installations in single color LED.

De 5V a 48V DC.

Input: 22-12 AWG / 0,32-4 mm<sup>2</sup> (max 25A)

Outputs: 24-16 AWG / 0,2-1,5 mm<sup>2</sup> (max 10A)

Code	Description	Sales unit
CONEC259	Distributor 1 input - 9 output	unit



IC4AWG20



IC2TR0xx



IC2AWG20



IC-COMxx

Code	section	I max (A)	Sales unit
Flexible two-conductor cable, for indoor use, white / white with red line.			
IC2AWG20	2 x 0,52 mm <sup>2</sup>	5A	100 m
Flexible multi-conductor cable for RGB, indoor use, 4 colours			
IC4AWG20	4 x 0,52 mm <sup>2</sup>	5A	1 m
Flexible parallel cable for indoor use. Double transparent sheath. Conductors: copper + tinned copper			
IC2TR023	2 x 0,23 mm <sup>2</sup>		100 m
IC2TR051	2 x 0,50 mm <sup>2</sup>		100 m
IC2TR075	2 x 0,75 mm <sup>2</sup>		100 m
Solder wire 0.4 mm silver-plated (Ideal for Combed, invisible joints)			
IC-COM05	Solder wire, 50 mm		200 ud
IC-COM07	Solder wire, 70 mm		200 ud
IC-COM10	Solder wire, 100 mm		200 ud
IC-COM15	Solder wire, 150 mm		200 ud
IC-COMR1	Solder wire, 1 roll		100 m

## Low voltage cable

- Application: 12/24V LED wiring.

## LED TIPS

It is recommended that LED modules are placed as close as possible to the power supply to avoid voltage drops along the line. When this is not possible, the issue can be solved by using cables with a larger diameter, according to the attached table.

Distance from power supply to first module	Cable type
Up to 4.5 m	18 AWG (1 mm <sup>2</sup> )
Up to 15 m	14 AWG (2,5 mm <sup>2</sup> )
Up to 38 m	12 AWG (4 mm <sup>2</sup> )
Up to 60 m	10 AWG (6 mm <sup>2</sup> )



SSO

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