sc herrajes®

LED CATALOGUE 2022

Second Edition

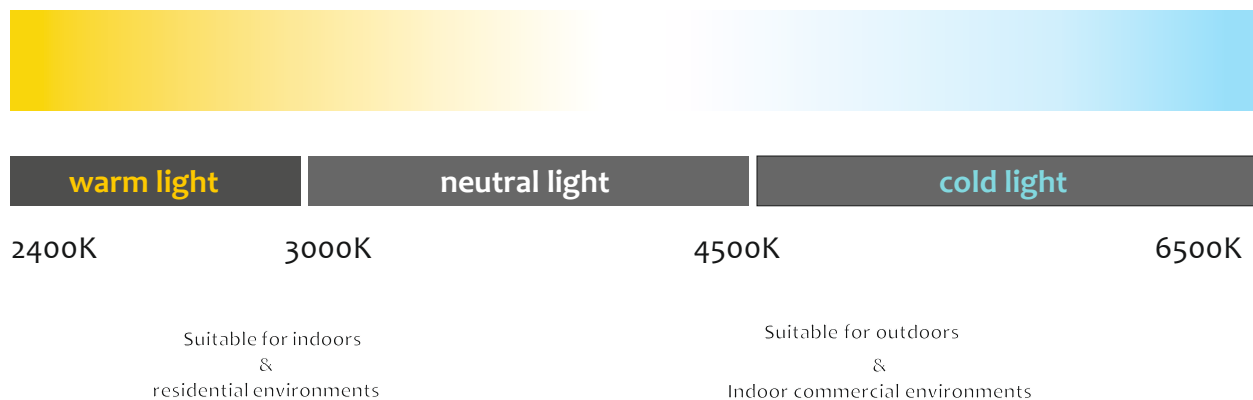# INTRODUCTION TO THE LED LIGHTING SYSTEM

DESCRIPTION

LED means Light Emitting Diode, it is nothing more than a small chip of semiconductor material that when it is crossed by an electric current in the appropriate direction, emits monochromatic light without producing hardly any heat, that is to say, a semiconductor electronic component with polarity , is used in signage, aesthetic functions and currently in lighting.

LED is the technology of the future in terms of lighting and also for environmental protection due to its low power consumption.

LIGHT TEMPERATURE

The color temperature of a light source is a way of comparing the whiteness of the emitted light. At low color temperature (typically 2400-3000° K) it gives a warm white yellowish color, the higher the color temperature, the cooler the light appears. Cool white has a temperature of 6000-7000° K.
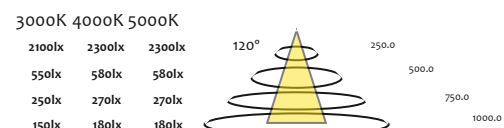Color temperature is measured in degrees Kelvin °K:

Warm white: Color temperature between 2400K y 3000K, gives a warm white yellowish light color.
Neutral white: Color temperature between 4000K y 5000K, gives a clean and pure white light color.
Cold white: Color temperature between 6000K y 7000K, gives a cold white bluish light color.
RGB: LED strips are the ones that gives different colors combining the primary colors Red Green Blue, hences the acronym. It is especially indicated in the decoration of different ambiences.

warm light	neutral light	cold light
2400K 3000K	4500K	6500K

Suitable for indoors
&
residential environments

Suitable for outdoors
&
Indoor commercial environments

LUMEN

The lumen (symbol: lm) is the SI derived unit of luminous flux, a measure of the total quantity of visible light emitted by a source per unit of time. Luminous flux differs from power (radiant flux) in that radiant flux includes all electromagnetic waves emitted, while luminous flux is weighted according to a model (a "luminosity function") of the human eye's sensitivity to various wavelengths. One lux is one lumen per square metre.

Photometric

3000K	4000K	5000K
2100lx	2300lx	2300lx
550lx	580lx	580lx
250lx	270lx	270lx
150lx	180lx	180lx

120°   250.0
500.0
750.0
1000.0

IP PROTECTION

It is the protection that the product has against the entry of dust and liquids.
The higher the IP protection, the better it will withstand water.
An IP45 product is perfectly recommended for lighting and interior decoration.
An IP68 product is completely waterproof, withstands humidity and immersion outdoors.

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ÍNDEX

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LED
2022

L212

Panel light surface strip (non visible LED dots).
Rechargeable battery operation. Includes USB cable for charger. Incorporates touch on-off sensor with dimmer and presence sensor.
Recommended use for lighting cabinets, showcases, drawers, countertops, and many more uses.

8

40

Timer

02.30

L212.600

L212.520

L212.300

FINISH DEVICES

Ref.	Description	LED number	Color	Watts	Lumens	Packaging
L212.300	LED device 30cm lithium battery	80	○	2	180	3
L212.520	LED device 52cm lithium battery	120	○	3	220	3
L212.600	LED device 60cm lithium battery	160	○	4	360	1

Technical specifications

Type of LED	SMD 2216	Leds per meter	240	Voltage	5v	Watts	2-3-4w	Lumens	180-360
PCB	3mm	Color K	4000k	Angle	120°	CRI	>85	Life expectancy	30000 h

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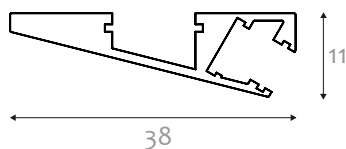2400 K | 3000 K | 4000 K | 5000 K | 6000 K | 3 years warranty | CE | RoHS | Ip45

L211
8MM

Very decorative surface profile with high luminosity. Recommended for lighting showcases and shelves. Available in black color, and all components for tailored assemblies.

11

38

ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaging
L211.600	LED profile	60cm	72	⚪⚪⚪⚪⚪	7	780	3
L211.900	LED profile	90cm	108	⚪⚪⚪⚪⚪	11	1170	3
L211.1200	LED profile	120cm	144	⚪⚪⚪⚪⚪	15	1560	3
L211.2300	LED profile	230cm	276	⚪⚪⚪⚪⚪	28	3000	3

Available in special sizes and also with more powerful LED strips.

Technical specifications

Type of LED SMD 2835	Leds per meter 120	Voltage 12v	Watts per meter 12w	Lumens per meter 1300
PCB 8mm	Color K 2,4-6000k	Angle 120°	CRI >85	Life expectancy 30000 h

COMPONENTS L211

Ref.	Description	Packaged
L211.23	Kit profile + cover + caps of 2,3 meters	6

Recommended components for installation:

|	
L144	Wireless kit
L144.5	Door sensor
L150.300	Extension cord

Installation of L211 profile + driver

The profile is installed with internal clips and screws included.

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L210   8MM
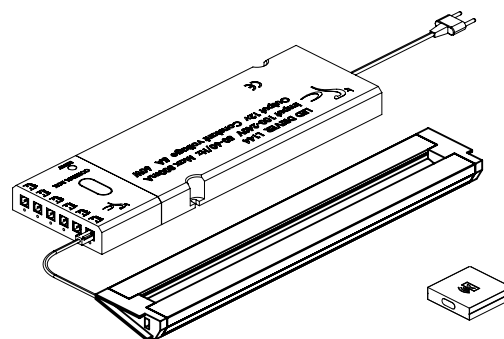
Recessed profiles with and without edges, high luminosity with hidden light. Recommended for lighting showcases, closets, cabinets, etc.. Available in black or silver colors, and all components for tailored assemblies.

3 years warranty CE RoHS Ip45
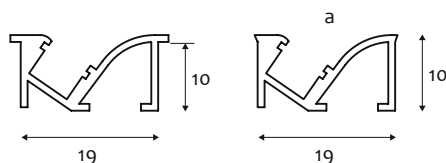
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L210.1000	LED profile	1,0mt	120		12	1300	3
L210.1500	LED profile	1,5mt	180		18	1950	3
L210.2500	LED profile	2,5mt	300		30	3250	3
L210a.1000	LED profile A	1,0mt	120		12	1300	3
L210a.1500	LED profile A	1,5mt	180		18	1950	3
L210a.2500	LED profile A	2,5mt	300		30	3250	3

Available in special sizes and also with more powerful LED strips.

Technical specifications

Type of LED	SMD 2835	Leds per meter	120	Voltage	12v	Watts per meter	12w	Lumens per meter	1300
PCB	8mm	Color K	2,4-6000k	Angle	120º	CRI	>85	Life expectancy	30000 h

COMPONENTS L210

Ref.	Description		Packaged
L210.2500p	Silver kit profile + cover	2,5mt Kit	6
L210.2500pn	Black kit profile + cover	2,5mt Kit	6
L210a.2500p	Silver kit profile + cover	2,5mt Kit	6
L210a.2500p	Black kit profile + cover	2,5mt Kit	6

Recommended components for installation:

L144	Wireless kit
L144.5	Door sensor
L150.300	Extension cord

Installation of L210 profile + driver

The profile is installed recessed with pressure or with adhesive.

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3 years warranty | CE | RoHS | Ip45
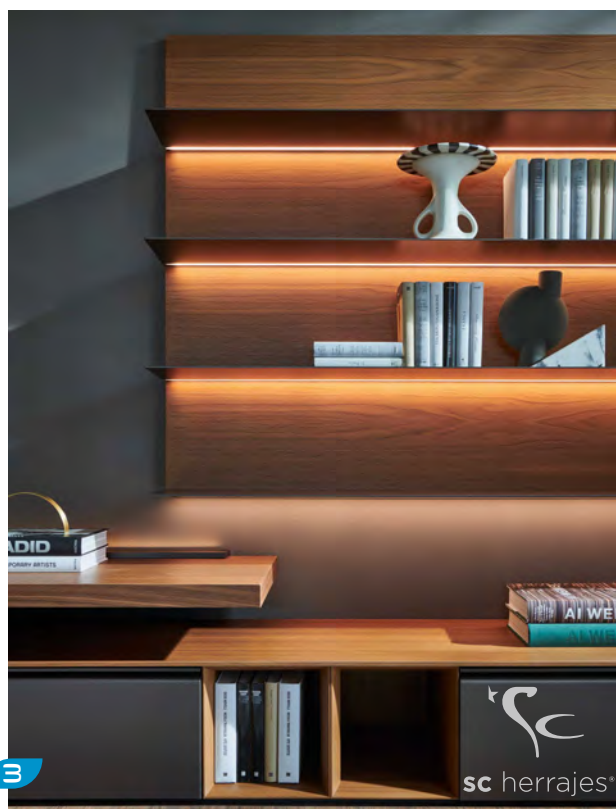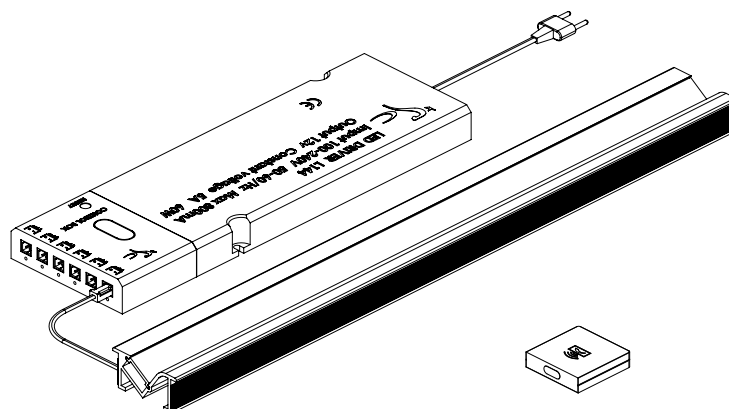
L209
8MM

Surface profile specially designed to illuminate 8mm thick glass shelves.
Available in black color, and all components for tailored assemblies.

8 | 15 | 10,7
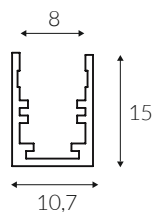
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L209.1000	LED profile	1,0mt	120	○○○○○	12	1300	3
L209.1500	LED profile	1,5mt	180	○○○○○	18	1950	3
L209.2000	LED profile	2,0mt	240	○○○○○	24	2600	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L209

Ref.	Description	Packaged
L209.2000pn	Black profile kit + cover 2,0mt	6

Technical specifications

Type of LED SMD 2835	Leds per meter 120	Voltage 12v	Watts per meter 12w	Lumens per meter 1300
PCB 8mm	Color K 2,4-6000k	Angle 120º	CRI >85	Life expectancy 30000 h

L208
10MM

Profile specially designed for wooden shelves to iluminate both, up and down.
Available in black color, and all components for tailored assemblies.

19 | 15,5
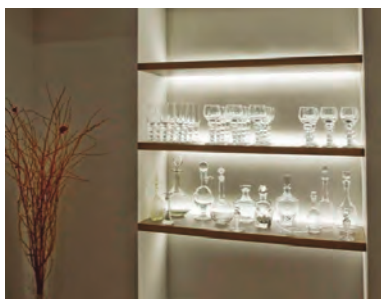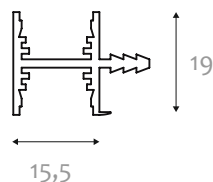
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L208.1000	LED profile	1,0mt	120	○○○○○	12	1300	3
L208.1500	LED profile	1,5mt	180	○○○○○	18	1950	3
L208.2000	LED profile	2,0mt	240	○○○○○	24	2600	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L208

Ref.	Description	Packaged
L208.2000pn	Black profile kit + cover 2,0mt	6

Recommended components for installation:

L144	Wireless kit
L144.5	Door sensor
L150.300	Extension cord

4

3 years warranty   CE   RoHS   Ip45

L206   3.5MM

Surface profile with high light intensity and non visible LED dots, highly decorative.
Its main characteristic is the reduced dimension of the light beam. Recommended
use for lighting showcases, cabinets, and so on.
Available all components for tailored assemblies.

surface

10

6
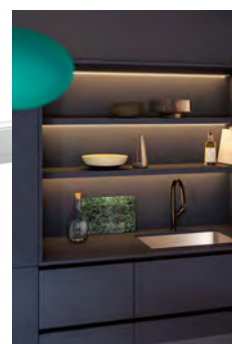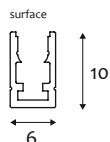
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L206.1000	LED profile	1,0mt	120	◯	10	1200	3
L206.1500	LED profile	1,5mt	180	◯	15	1800	3
L206.2000	LED profile	2,0mt	240	◯	20	2400	3

Available in special measures.

COMPONENTS L206 Ref.

	Description	Packaged
L206.20	Silver profile kit + cover + caps 2mt	6

Installation of profile L206

The profile is installed with metal clips included with the caps.

Technical specifications

Type of LED SMD 2216	Leds per meter 240	Voltage 12v	Watts per meter 10w	Lumens per meter 1200
PCB 3,5mm	Color K 5000k	Angle 120º	CRI >85	Life expectancy 30000 h
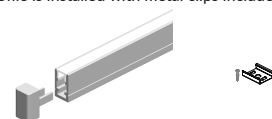
L206r   3.5MM

Surface profile with high light intensity and non visible LED dots , highly decorative.
Its main characteristic is the reduced dimension of the light
beam. Recommended use for lighting showcases, cabinets, and
so on. Available all components for tailored assemblies.

recessed

9

6
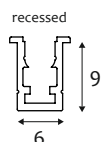
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L206r.1000	LED profile	1,0mt	120	◯	10	1200	3
L206r.1500	LED profile	1,5mt	180	◯	15	1800	3
L206r.2000	LED profile	2,0mt	240	◯	20	2400	3

Available in special measures.

COMPONENTS L206r

Ref.	Description	Packaged
L206r.20	Silver profile kit + cover + cups 2mt	6

Installation of profile L206

The profile is installed by pressure or glued into the machined groove.
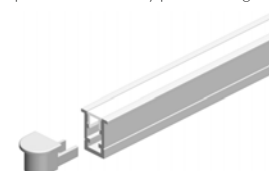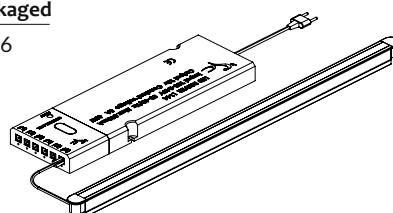
L203

10mm

Surface profile with high luminosity , specially design for 90 degrees corners.
It can incorporate on-off touch sensor cames with a 1.4 mt cord.
Recommended to iluminate countertop work area, closets and so on.
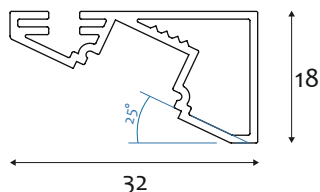Available in silver or black color, and all components for tailored assemblies,
with or without touch sensor .

18

25°

32

ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L203.400	LED profile with touch sensor	40cm	48		5	520	3
L203.600	LED profile with touch sensor	60cm	72		7	780	3
L203.900	LED profile with touch sensor	90cm	108		11	1170	3
L203.1200	LED profile with touch sensor	120cm	144		15	1560	3
L203.2000	LED profile with touch sensor	200cm	240		24	2600	3
L203.2500	LED profile with touch sensor	250cm	300		30	3000	3

Available in special sizes and also with more powerful LED strips.

Technical specifications

Type of LED	SMD 2835	Leds per meter	120	Voltage	12v	Watts per meter	12w	Lumens per meter	1300
PCB	10mm	Color K	2,4-6000k	Angle	120°	CRI	>85	Life expectancy	30000 h

COMPONENTS L203

Ref.	Description		Packaged
L203.25	Profile kit + cover + caps	2,5mt	6
L203.2500p	Silver aluminium profile	2,5mt	6
L203.2500pn	Black aluminum profile	2,5mt	6
L201.2500c	Opal cover	2,5mt	6
L203.ts	Surface caps		6
L203.32	Sensor touch 32w		6

Recommended components for installation:

|	
L136	6 connections transformer
L136.1	Door sensor
L150.300	Extension cord

Installation of profile L203 + driver

The profile is installed with included screws on the end caps, and when the profile is more than 1.5mt. long, with included metal clips.

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6
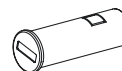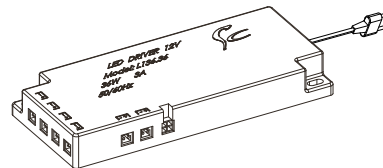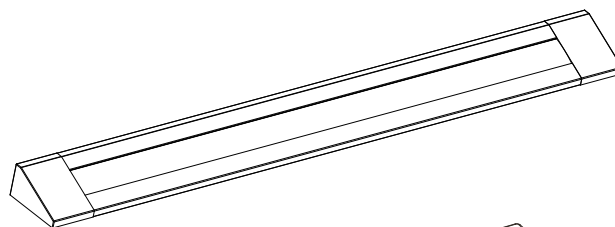
L202 10MM

Depending on the used cover, this profile is for surface or recessed installation.
Available in silver color, and all components for tailored assemblies.

surface — 11 — 15
recessed — 11 — 15
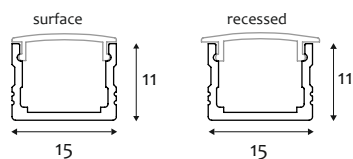
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L202.1000	LED profile	100cm	120		12	1300	3
L202.1500	LED profile	150cm	180		18	1950	3
L202.2000	LED profile	200cm	240		24	2600	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L202 SILVER

Ref.	Description	Packaged
L202.20	Profile kit 2,0 mt + cover + silver caps	6
L202.2000p	Silver profile 2,0mt	6
L201.2000c	Opal cover 2,0mt	6
L202.ts	Silver surface caps	6
L202.te	Silver recessed caps	6

Installation of profile L202

Surface profile are installed with metal clips included with the caps.

Technical specifications

Type of LED	SMD 2835	Leds per meter	120	Voltage	12v	Watts per meter	12w	Lumens per meter	1300
PCB	8mm	Color K	2,4-6000k	Angle	120º	CRI	>85	Life expectancy	30000 h

L200L 8MM

Depending on the used cover, this profile is for surface or recessed installation with no LED dots visible.
Available in silver color, and all components for tailored assemblies.

surface — 11 — 11
recessed — 11 — 11
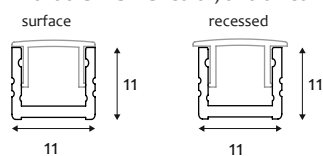
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L200L.1000	Recessed LED profile	100cm	120		12	1300	3
L200L.1500	Recessed LED profile	150cm	180		18	1950	3
L200L.2000	Recessed LED profile	200cm	240		24	2600	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L200L SILVER

Ref.	Description	Packaged
L200L.20	Kit 2mt silver profile + cover	6
L200L.500K	Kit 2 LED profiles + sensor	3
L200L.1000K	Kit 2 LED profiles + sensor	3

Installation of profile L202 + driver

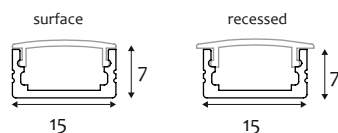The profile is installed by pressure or glued into the machined groove.
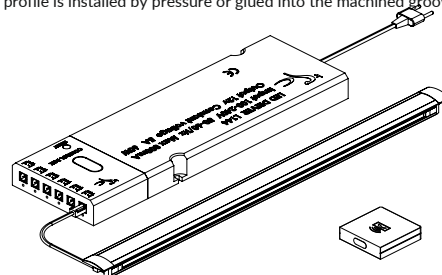
L201 10mm

Depending on the used cover, this profile is for surface or recessed installation .
It is possible to incorporate internal touch sensor.
Available in silver or black color, and all components for tailored assemblies.

surface   recessed

7   7

15   15

ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L201.1000	LED profile	100cm	60		6	650	3
L201.1500	LED profile	150cm	90		9	975	3
L201.2000	LED profile	200cm	120		12	1300	3
L201.2500	LED profile	250cm	150		15	1625	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L201 PLATA

Ref.	Description	Packaged
L201.20	Kit 2mt profile + cover + silver caps	6
L201.2000p	Profile 2,0mt silver	6
L201.2500p	Profile 2,5mt silver	6
L201.2000c	Opal surface cover 2mt	6
L201.2000cr	Opal recessed cover 2mt	6
L201.ts	Silver surface caps	6
L201.te	Silver recessed caps	6
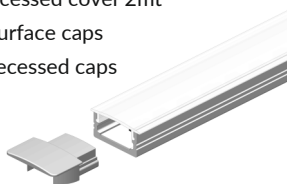
COMPONENTS L201 BLACK

Ref.	Description	Packaged
L201.20n	Kit 2mt profile + cover+ black caps	6
L201.2000pn	Profile 2,0mt black	6
L201.tsn	Black surface caps	6
L201.ten	Black recessed caps	6

Technical specifications

Type of LED	SMD 2835	Leds per meter	60	Voltage	12v	Watts per meter	6w	Lumens per meter	650
PCB	8mm	Color K	2,4-6000k	Angle	120º	CRI	>85	Life expectancy	30000 h

L201r 10mm

Recessed profile.
It is possible to incorporate internal touch sensor.
Available in silver or black color, and all components for tailored assemblies.

7

15
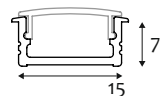
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L201r.1000	Recessed LED profile	100cm	60		6	650	3
L201r.1500	Recessed LED profile	150cm	90		9	975	3
L201r.2000	Recessed LED profile	200cm	120		12	1300	3
L201r.2500	Recessed LED profile	250cm	150		15	1625	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L201R SILVER

Ref.	Description	Packaged
L201r.20	Kit 2mt profile + cover + silver caps	6
L201r.2000p	Profile 2,0mt silver	6
L201r.2500p	Profile 2,5mt silver	6
L201.2000c	Opal surface cover 2mt	6
L201r.te	Silver recessed caps	6

Installation of profile L201r + driver

The profile is installed by pressure or glued into the machined groove.

3 years warranty   CE   RoHS   Ip45
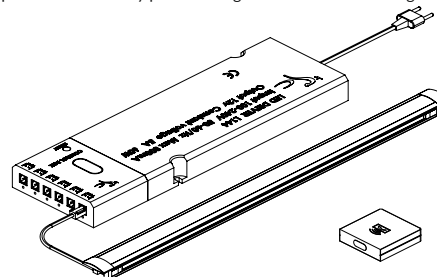
L200
8MM

Depending on the used cover, this profile is for surface or recessed installation.
Due to its size it can be used to illuminate many different environments.
Available in silver or black color, and all components for tailored assemblies.

surface   recessed
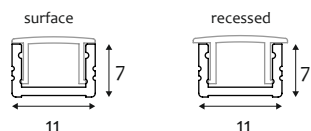
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L200.1000	LED profile	100cm	60		6	650	3
L200.1500	LED profile	150cm	90		9	975	3
L200.2000	LED profile	200cm	120		12	1300	3
L200.2500	LED profile	250cm	150		15	1625	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L200 SILVER

Ref.	Description	Packaged
L200.20	Kit 2mt profile + cover + silver caps	6
L200.2000p	Profile 2,0mt silver	6
L200.2500p	Profile 2,5mt silver	6
L200.2000c	Opal surface cover 2mt	6
L200.2000cr	Opal recessed cover 2mt	6
L200.ts	Silver surface caps	6
L200.te	Silver recessed caps	6
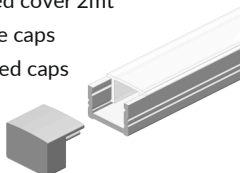
COMPONENTS L200 BLACK

Ref.	Description	Packaged
L200.20n	Kit 2mt profile + cover + black caps	6
L200.2000pn	Profile 2,0mt black	6
L200.2500pn	Profile 2,5mt black	6
L200.tsn	Black surface caps	6
L200.ten	Black recessed caps	6
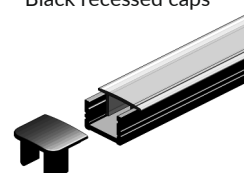
Technical specifications

|									
Type of LED	SMD 2835	Leds per meter	60	Voltage	12v	Watts per meter	6w	Lumens per meter	650
PCB	8mm	Color K	2,4-6000k	Angle	120°	CRI	>85	Life expectancy	30000 h

L200r
8MM

Recessed profile.
Due to its size it can be used to illuminate many different environments.
Available in silver or black color, and all components for tailored assemblies.
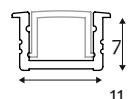
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L200r.1000	Recessed LED profile	100cm	60		6	650	3
L200r.1500	Recessed LED profile	150cm	90		9	975	3
L200r.2000	Recessed LED profile	200cm	120		12	1300	3
L200r.2500	Recessed LED profile	250cm	150		15	1625	3

Available in special sizes and also with more powerful LED strips.

COMPONENTS L200r SILVER

Ref.	Description	Packaged
L200r.20	Kit 2mt profile + cover + silver caps	6
L200r.2000p	Profile 2,0mt silver	6
L200r.2500p	Profile 2,5mt silver	6
L200r.2000c	Opal recessed cover 2mt	6
L200r.2500c	Opal recessed cover 2,5mt	6
L200r.te	Silver recessed caps	6
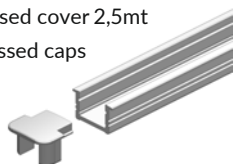
COMPONENTS L200r BLACK

Ref.	Description	Packaged
L200r.20n	Kit 2mt profile + cover + black caps	6
L200r.2000pn	Profile 2,0mt black	6
L200r.2500pn	Profile 2,5mt black	6
L200r.ten	Black recessed caps	6

3 years warranty | CE | **RoHS** | Ip45 | sensor touch
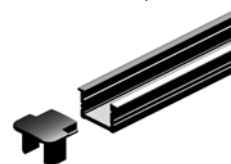
L114   12MM

High luminosity surface profile with just 5mm thickness.
It can incorporate on-off touch sensor, cames with a 1.4 mt cord.
Recommended to iluminate countertop, and many more environments.
Available in silver or black color, and all components for tailored assemblies,
with or without touch sensor.

5

30
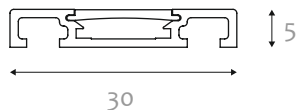
ASSEMBLED PROFILE

Ref.	Description		LED number	Color	Watts	Lumens	Packaged
L114.520	LED profile	52cm	60		6	780	3
L114.920	LED profile	92cm	108		11	1120	3
L114.2000	LED profile	200cm	240		24	2600	3
L114.560st	LED profile with sensor	56cm	66		7	800	3
L114.860st	LED profile with sensor	86cm	99		11	1120	3
L114.1160st	LED profile with sensor	116cm	136		14	1480	3
L114.2000st	LED profile with sensor	200cm	240		24	2600	3

Available in special sizes and also with more powerful LED strips.

Technical specifications

|							
Type of LED SMD 2835	Leds per meter 120	Voltage 12v	Watts per meter 12w	Lumens per meter 1300
PCB 10mm	Color K 2,4-6000k	Angle 120°	CRI >85	Life expectancy 30000 h

COMPONENTS L114

Ref.	Description	Packaged
L114.20	Kit 2mt profile + cover + caps	6
L114.58	Surface caps	6
L114.35	Profile square	6
L114.15	Profile joint	6
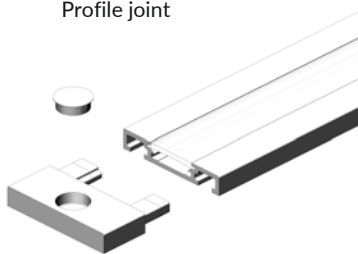
Recommended components for installation:

L144	Wireless kit
L144.5	Door sensor
L150.300	Extension cord

Square and joint
does not join the LED strip

Installation of profile L144 + driver

The profile is installed with included screws on the end caps, and when the profile is more than 1.5mt. long, with included metal clips.

sc herrajes
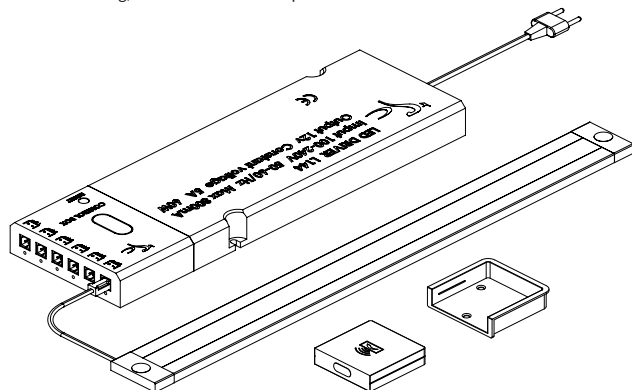
GOLA PROFILES

757 10MM

Bi-LED Gola profile, for decorative and drawers lighting.
To be installed in low cabinets.

758 10MM

LED Gola profile, special lighting for drawers.
To be installed in low cabinets.

Ref.	Description		Packaged
757.4000.06	White lacquered profile	4mt	10
757.4000.08	Black lacquered profile	4mt	10
757.4000.31	Silver anodized profile	4mt	10
757.4000.63	Dark gray lacquered profile	4mt	10
758.4000.31	Silver anodized profile	4mt	10
758.4000.08	Black lacquered profile	4mt	10

COMPONENTS

Ref.	Description	Packaged
757.31t	Silver caps	6
757.31r	Silver nook	6
757.31e	Silver corner	6
750.29	Fixing square	25
757.10	Lighting kit 1 mt	6
757.20	Lighting kit 2 mt	6
757.c	Opaque PC cover 2 mt	6

Installation sketch

SENSOR

752 8MM

Profile / handle for high cabinets, included lighting .
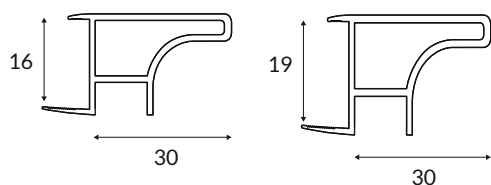
REGLETAS MONTADAS

Ref.	Description		Color	Packaged
752.16.4000.06	Profile R 16mm white	4mt		20
752.16.4000.08	Profile R 16mm black	4mt		20
752.16.4000.31	Profile R 16mm silver	4mt		20
752.16.4000.63	Profile R 16mm gray	4mt		20
752.19.4000.06	Profile R 19mm white	4mt		20
752.19.4000.08	Profile R 19mm black	4mt		20
752.19.4000.31	Profile R 19mm silver	4mt		20
752.19.4000.63	Profile R 19mm gray	4mt		20

3000 K 4500 K | 3 years warranty | CE | RoHS | Ip45 | tactile sensor
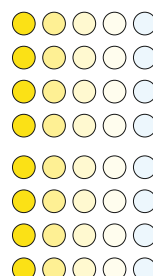
L160.160

High luminosity aluminum spotlight (non visible LED dots).
Also available with touch sensor.
Recommended to iluminate countertops and showcases.

70

160

10 5
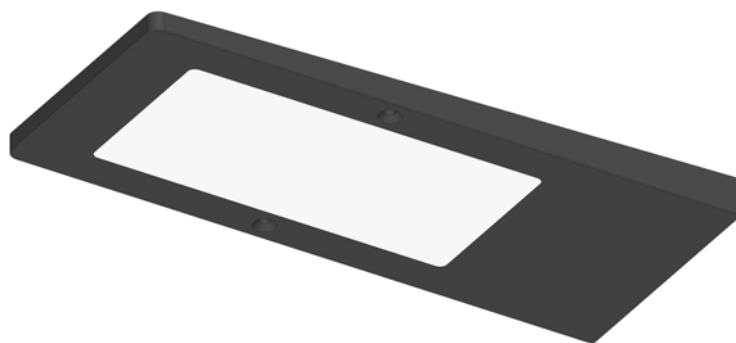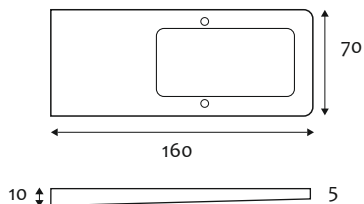
Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L160.160.3	Silver aluminum spotlight	36	🟡	6	520	3
L160.160.3n	Black aluminum spotlight	36	🟡	6	520	3
L160.160.4	Silver aluminum spotlight	36	🟡	6	520	3
L160.160.4b	White aluminum spotlight	36	🟡	6	520	3
L160.160.4n	Black aluminum spotlight	36	🟡	6	520	3
L160.160.4s	Silver aluminum spotlight with sensor	36	🟡	6	520	3
L160.160.4bs	White aluminum spotlight with sensor	36	🟡	6	520	3
L160.160.4ns	Black aluminum spotlight with sensor	36	🟡	6	520	3

Technical specifications

Type of LED SMD 2216	Leds per meter 120	Voltage 12v	Watts 6w	Lumens 520
PCB 3mm	Color K 3000-4500k	Angle 120°	CRI >85	Life expectancy 30000 h

Kits

KIT SPOTLIGHT 160 TACTILE SENSOR

	SPOTLIGHT 160	TRANSFORMERS L131	
LK160.160.1S	1 unit	L131.09	
LK160.160.2S	2 units	L131.15	
LK160.160.3S	3 units	L131.20	
LK160.160.4S	4 units	L131.30	

KIT SPOTLIGHT 160 REMOTE SENSOR

	SPOTLIGHT 160	TRANSFORMERS L131	REMOTE SENSOR L141.60
LK160.160.1D	1 unit	L131.09	1
LK160.160.2D	2 units	L131.15	1
LK160.160.3D	3 units	L131.20	1
LK160.160.4D	4 units	L131.30	1

Installation sketch

Spotlight L160.160 with tactile sensor

sensor tactile

LED DRIVER 12V
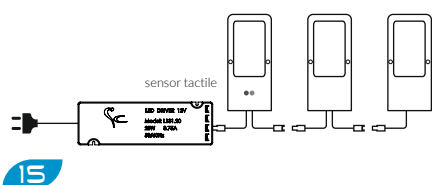
Installation sketch

Spotlight L160.160 + remote dimmer

LED DRIVER 12V

DIMMER

REMOTE CONTROL

3000 K 4000 K 5000 K | 3 years warranty | CE | RoHS | Ip45 | sensor IR
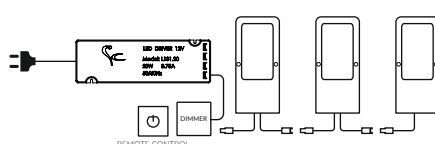
L160.150

High luminosity aluminum spotlight (visible LED dots).
Also available with IR sensor.
Recommended to iluminate countertops and showcases.

65
150
4-6

L160.150.S | L160.150 | L160.150.NS | L160.150.N
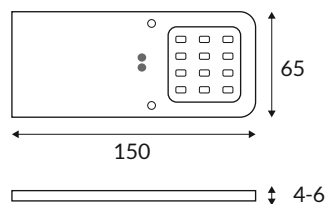
Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L160.150.3	Silver aluminum spotlight	12	◯	5	480	3
L160.150.3n	Black aluminum spotlight	12	◯	5	480	3
L160.150.4	Silver aluminum spotlight	12	◯	5	480	3
L160.150.4s	Silver aluminum spotlight with sensor	12	◯	5	480	3
L160.150.4n	Black aluminum spotlight	12	◯	5	480	3
L160.150.4ns	Black aluminum spotlight with sensor	12	◯	5	480	3
L160.150.5	Silver aluminum spotlight	12	◯	5	480	3
L160.150.5s	Silver aluminum spotlight with sensor	12	◯	5	480	3
L160.150.5n	Black aluminum spotlight	12	◯	5	480	3
L160.150.5ns	Black aluminum spotlight with sensor	12	◯	5	480	3

Technical specifications

Type of LED	SMD 5630	Leds	12	Voltage	12v	Watts	5w	Lumens	480
PCB	40mm	Color K	3-4-5000k	Angle	120°	CRI	>85	Life expectancy	30000 h

Kits

KIT SPOTLIGHT 150 WITH IR SENSOR	SPOTLIGHT 150	TRANSFORMERS L131	
LK160.150.1S	1 unit	L131.09	
LK160.150.2S	2 units	L131.15	
LK160.150.3S	3 units	L131.20	
LK160.150.4S	4 units	L131.30	

KIT FOCO 150 WITH REMOTE SENSOR			REMOTE SENSOR L141.60
LK160.150.1D	1 unit	L131.09	1
LK160.150.2D	2 units	L131.15	1
LK160.150.3D	3 units	L131.20	1
LK160.150.4D	4 units	L131.30	1
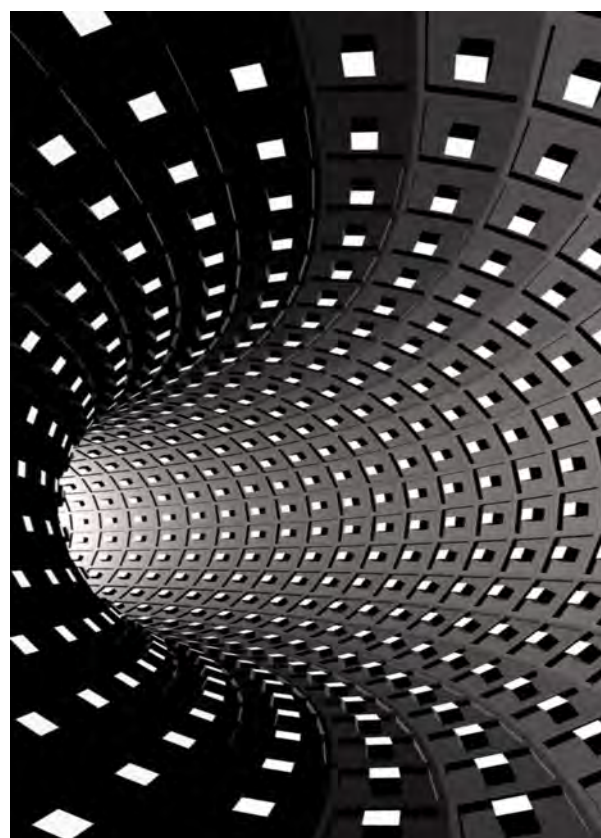
Installation sketch

Spotlight L160.150 with sensor

tactile sensor

LED DRIVER 12V
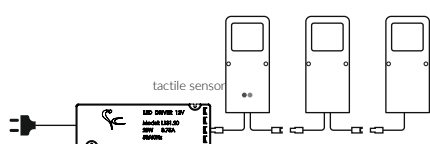
Installation sketch

Spotlight L160.150 + remote dimmer

LED DRIVER 12V

DIMMER

REMOTE CONTROL

LED SPOTLIGHTS

3000 K · 4000 K · 5000 K · 3 years warranty · CE · RoHS · Ip45

L160.80

Ultra-thin aluminum LED spotlight, equipped with 12 SAMSUNG LEDs. It does not need machining for its installation.

Due to its high brightness, it is recommended to use it together with the L141 remote dimmer sensor to regulate the intensity and facilitate an easy operation.

Recommended to iluminate countertops, showcases, ceilings, and so on.

Available in kits for easy installation.

80 · 80 · 4
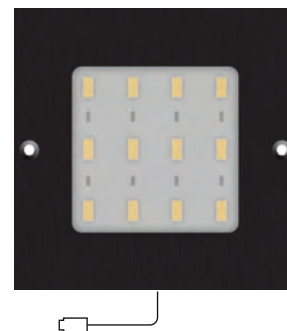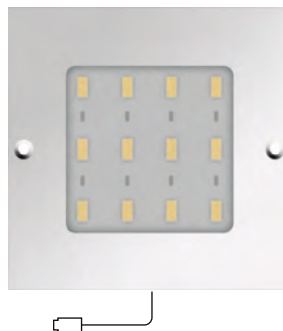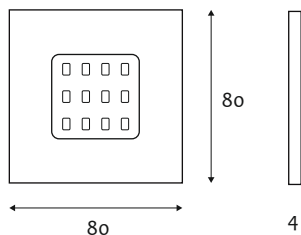
Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L160.80.3	Silver aluminum spotlight	12	○	5	480	3
L160.80.3n	Black aluminum spotlight	12	○	5	480	3
L160.80.4	Silver aluminum spotlight	12	○	5	480	3
L160.80.4n	Silver aluminum spotlight with sensor	12	○	5	480	3
L160.80.5	Black aluminum spotlight	12	○	5	480	3
L160.80.5n	Black aluminum spotlight with sensor	12	○	5	480	3

Technical specifications

Type od LED	SMD 5630	Leds	12	Voltage	12v	Watts	5w	Lumens	480
PCB	40mm	Color K	3-4-5000k	Angle	120°	CRI	>85	Life expectancy	30000 h

Kits

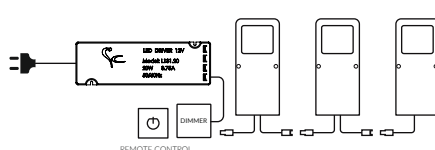|	SPOTLIGHT 80	TRANSFORMERS L131	TOUCH SENSOR L142	CORD of 1mt
KIT SPOTLIGHT 80 WITH TOUCH SENSOR				
LK160.80.1S	1 unit	L131.09	1	
LK160.80.2S	2 units	L131.15	1	1
LK160.80.3S	3 units	L131.20	1	2
LK160.80.4S	4 units	L131.30	1	3
			REMOTE SENSOR L141.60	
KIT SPOTLIGHT 80 WITH REMOTE SENSOR				
LK160.80.1D	1 unit	L131.09	1	
LK160.80.2D	2 units	L131.15	1	1
LK160.80.3D	3 units	L131.20	1	2
LK160.80.4D	4 units	L131.30	1	3
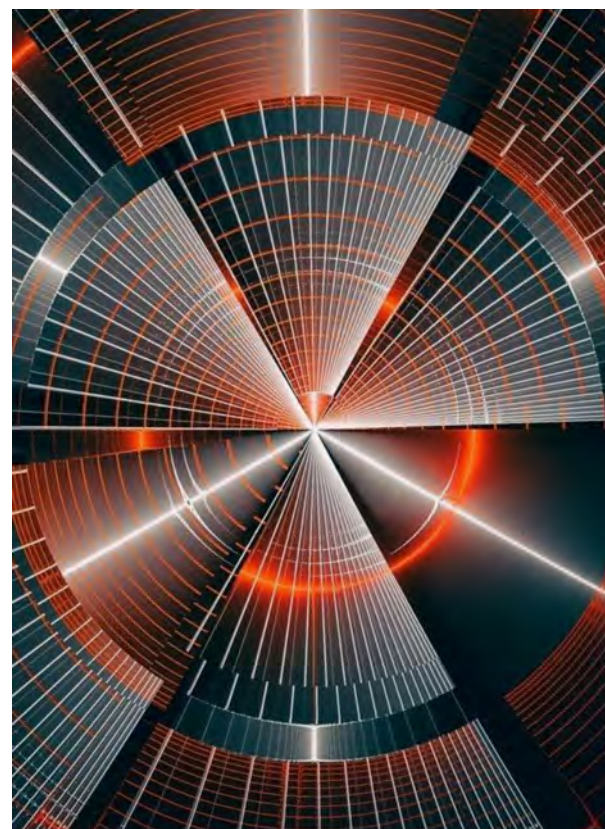
Installation sketch

Spotlight L160.80 with sensor
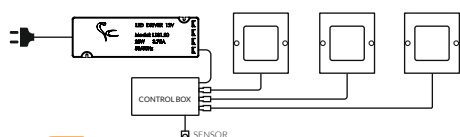
Installation sketch

Spotlight L160.80 + remote dimmer

3000 K 5000 K | 3 years warranty | CE | RoHS | Ip45
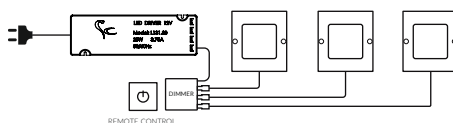
L160.60

Ultra-thin aluminum LED spotlights, equipped with SAMSUNG LEDs.

It does not need machining for its installation.

Due to its high luminosity, it is recommended to use it with a dimmer sensor to regulate the intensity and facilitate an easy operation.

Recommended use in lighting countertops, showcases, ceilings, and so on.

60

4   60
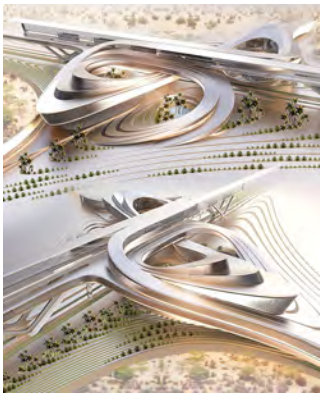
Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L160.60.3	Silver aluminum spotlight	9	●	3,8	360	3
L160.60.5	Silver aluminum spotlight	9	○	3,8	360	3

L160.65

65

4
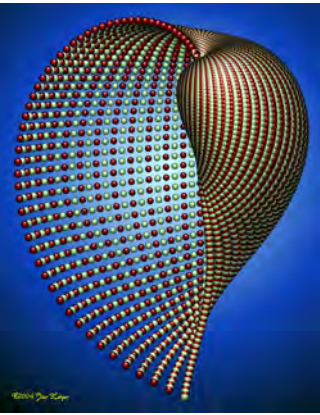
Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L160.65.3	Silver aluminum spotlight	9	●	3,8	360	3
L160.65.5	Silver aluminum spotlight	9	○	3,8	360	3

TIPS FOR THE CORRECT ELECTION OF YOUR LED STRIPS

1 - PCB

PCB quality is the fundamental factor to determine the duration and quality of the led strip. The led chips are mounted in a copper plate that runs through the strip. PCB main function is to transport the current through the thickness and width of the plate, the thicker and wider it is, the greater the amount of copper it has. The value of copper makes the PCB the first affected to reduce costs, so it is very easy to detect when a strip is low on copper, simply by its price.

2 - CHIPs

On the chips are mounted the diodes, which are the light emitters of the strip. The brand and manufacture of the led chips determines the amount of light and the duration of the strip. Reference brands such as Epistar, Everlight and Samsung offer the maximum guarantee of illumination and durability. A low quality LED has lower brightness, low CRI (producing dull or lifeless colors) and a high probability of failure, shortening its useful life. A high quality LED is between 30 to 50% brighter than a cheap one and also provides:

RESISTANCE

PCB

CHIP LED

*   * **High CRI level**, which provides us with more vibrant, deep and real colors.

*   * **Greater color consistency**, there are no different tonalities between strips of the same type.

*   **Longer useful life**, duration close to that advertised in the specifications.
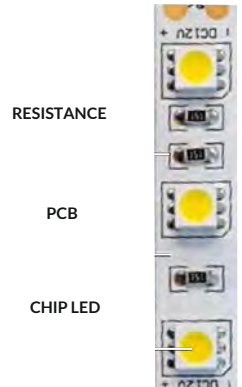
3 - Electronic resistors

The Led strips have small internal resistances that limit the current that reaches the Led diodes. In good quality LED strips, the resistors are calculated so that the LED current is ideal. However, low quality Led strips "make up" the use of poor quality chips by providing a higher current than ideal to make the Led diodes shine more, resembling more expensive strips, the problem is that the excess current makes that the strips deteriorate rapidly and reduce their luminosity and life drastically.

4 - Covering

A poor quality or deficient coating does not have the proper chemical protections to extend the life of the material used, so they cannot harden due to the effect of heat and produce cracks, reduce their transparency and can also turn yellow in color. a short time, due to the degradation of coverage. This can cause water and other elements to affect the electronics of the Led, causing failures. In good quality strips we can find a more durable, transparent, flexible coating with greater resistance to decoloration.

5 - Adhesive

Reducing cost can even affect the fixing glue on the back of the strips. A special 3M brand adhesive is used in high-quality strips, which is ideal for a reliable fixation on many surfaces. The cheap strips usually have a generic adhesive that with heat can melt and detach, offering a minimum adhesion capacity. Our strips always have the most suitable 3M adhesive for each model.

6 - Price

A very easy way to identify low quality strips is by their price, if it is well below the average, surely costs were lowered in some important technical aspect.

As we can see, the quality of each of the materials is paid for and has its importance both in lighting and durability of the strip

but ..... is it necessary to always have the highest quality in Led strips? The answer is no, it depends 100% on the type of installation and functions of the Led strip. Not all projects require the same quality. Depending on the quality of illumination, amount of luminosity, hours of operation and place of installation of the Led strip, we will have to decide the type of chip, the density of diodes or the IP protection of our strip.

7 - Conclusions

Usually our Led strips are installed in furniture and on many occasions in kitchen furniture, this is a serious problem if the Led strip does not have the appropriate quality for this type of installation, replacing or changing the installed Led luminaires can involve a higher cost than the price of these.

L127 8MM

High quality flexible led strip, 3M mp300 adhesive that guarantees adherence even at high temperatures.

They incorporate a 1.40m cord with a male plug in terminal at each end.

Company logo engraved on pcb, as a guarantee of quality.

Ref.	Description		Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L127.200.3	Flexible LED strip 2mt	3000k	⬤	60	12v	6	650	3
L127.500.3	Flexible LED strip 5mt	3000k	⬤	60	12v	6	650	3
L127.200.4	Flexible LED strip 2mt	4000k	◯	60	12v	6	650	3
L127.500.4	Flexible LED strip 5mt	4000k	◯	60	12v	6	650	3
L127.200.5	Flexible LED strip 2mt	5000k	◯	60	12v	6	650	3
L127.500.5	Flexible LED strip 5mt	5000k	◯	60	12v	6	650	3
L127.500.5w	Flexible LED strip 5mt	5000k	◯	60	12v	6	650	3
L127.5000.3	Flexible LED strip 50mt	3000k	⬤	60	12v	6	650	1
L127.5000.4	Flexible LED strip 50mt	4000k	◯	60	12v	6	650	1
L127.5000.5	Flexible LED strip 50mt	5000k	◯	60	12v	6	650	1

Technical specifications

Type of LED	SMD 2835	Leds per meter	60-120	Voltage	12-24v	Watts per meter 6-12w	Lumens 650-1300

| PCB | 8mm | Color K | 2,4-3-4-5000k | Angle | 120° | CRI >85 | Life expectancy 30000 h |

L128 8MM

High quality flexible led strip, 3M mp300 adhesive that guarantees adherence even at high temperatures.

They incorporate a 1.40m cord with a male plug in terminal at each end.

Company logo engraved on pcb, as a guarantee of quality.
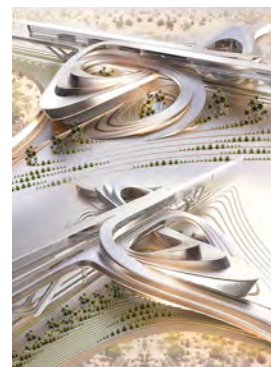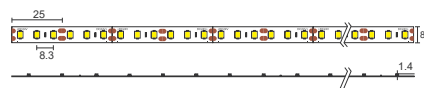
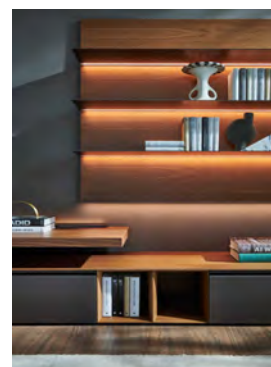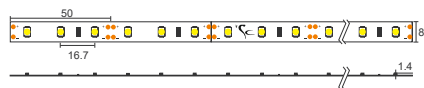| Ref.	Description		Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L128.500.2,4	Flexible LED strip 5mt	2400k	⬤	120	12v	12	1300	3
L128.200.3	Flexible LED strip 2mt	3000k	⬤	120	12v	12	1300	3
L128.500.3	Flexible LED strip 5mt	3000k	⬤	120	12v	12	1300	3
L128.200.4	Flexible LED strip 2mt	4000k	◯	120	12v	12	1300	3
L128.500.4	Flexible LED strip 5mt	4000k	◯	120	12v	12	1300	3
L128.200.5	Flexible LED strip 2mt	5000k	◯	120	12v	12	1300	3
L128.500.5	Flexible LED strip 5mt	5000k	◯	120	12v	12	1300	3
L128.500.5w	Flexible LED strip 5mt	5000k	◯	120	12v	12	1300	3
L128.5000.2,4	Flexible LED strip 50mt	2400k	⬤	120	12v	12	1300	1
L128.5000.3	Flexible LED strip 50mt	3000k	⬤	120	12v	12	1300	1
L128.5000.4	Flexible LED strip 50mt	4000k	◯	120	12v	12	1300	1
L128.5000.5	Flexible LED strip 50mt	5000k	◯	120	12v	12	1300	1
L128.500.3.24v	Flexible LED strip 5mt	3000k	⬤	120	24v	12	1400	3
L128.200.5.24v	Flexible LED strip 2mt	5000k	◯	120	24v	12	1400	3
L128.500.5.24v	Flexible LED strip 5mt	5000k	◯	120	24v	12	1400	3

años de garantía · CE · RoHS · Ip20

L129 8MM

High quality flexible led strip, 3M mp300 adhesive that guarantees adherence even at high temperatures.

They incorporate a 1.40m cord with a male plug in terminal at each end.

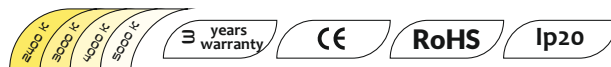Company logo engraved on pcb, as a guarantee of quality.
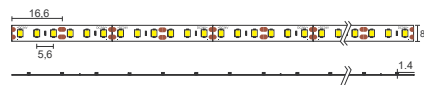
Ref.	Description		Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L129.500.3	Flexible LED strip 5mt	2700k	⚪	180	12v	12	1400	3
L129.500.4	Flexible LED strip 5mt	4300k	⚪	180	12v	12	1400	3
L129.500.6	Flexible LED strip 5mt	6000k	⚪	180	12v	12	1400	3
L129.5000.3	Flexible LED strip 50mt	2700k	⚪	180	12v	12	1400	1
L129.5000.4	Flexible LED strip 50mt	4300k	⚪	180	12v	12	1400	1
L129.5000.6	Flexible LED strip 50mt	6000k	⚪	180	12v	12	1400	1
L129.500.3.24v	Flexible LED strip 5mt	2700k	⚪	180	24v	12	1400	3
L129.500.4.24v	Flexible LED strip 5mt	4300k	⚪	180	24v	12	1400	3
L129.500.6.24v	Flexible LED strip 5mt	6000k	⚪	180	24v	12	1400	3

Technical specifications

Type of LED SMD 2835	Leds per meter 180	Voltage 12-24v	Watts per meter 12w	Lumens 1400	
PCB 8mm	Color K 2,7-4,3-6000k	Angle 120°	CRI >85	Life expectancy 30000 h	

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años · years warranty · CE · RoHS · Ip20

L234 Cob 8MM

High quality flexible Cob led strip, 3M mp300 adhesive that guarantees adherence even at high temperatures.

They incorporate a 35cm cord at one end.

Company logo engraved on pcb, as a guarantee of quality.
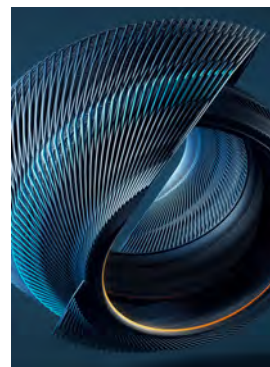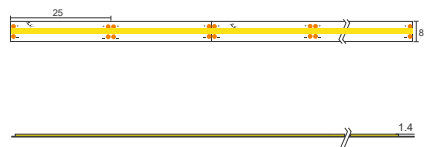
Ref.	Description	Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L234.1000.3	Flexible Cob LED strip 10mt 3000k	⚪	480	12v	10	1200	3
L234.1000.4	Flexible Cob LED strip 10mt 4500k	⚪	480	12v	10	1200	3

Technical specifications

Type of LED SMD 1616	Leds per meter 480	Voltage 12v	Watts per meter 12w	Lumens 1200	
PCB 8mm	Color K 2700-4500k	Angle 120°	CRI >85	Life expectancy 30000 h	

3000 K 4000 K 5000 K | 3 years warranty | CE | RoHS | Ip20

L227-8 10MM

High quality flexible led strip, 3M mp300 adhesive that guarantees adherence even at high temperatures.

They incorporate a 1.40m cord with a male plug in terminal at each end.

Company logo engraved on pcb, as a guarantee of quality.
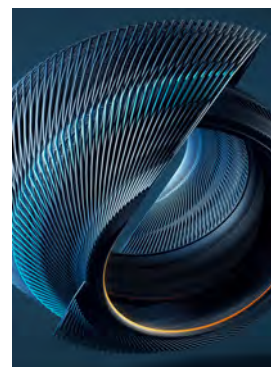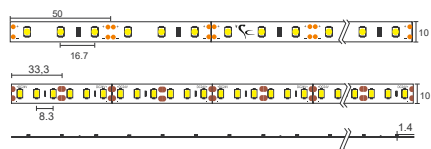
Ref.	Description		Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L227.200.3	Flexible LED strip 2mt	3000k	⬤	60	12v	6	650	3
L227.500.3	Flexible LED strip 5mt	3000k	⬤	60	12v	6	650	3
L227.200.4	Flexible LED strip 2mt	4000k	⬤	60	12v	6	650	3
L227.500.4	Flexible LED strip 5mt	4000k	⬤	60	12v	6	650	3
L227.200.5	Flexible LED strip 2mt	5000k	◯	60	12v	6	650	3
L227.500.5	Flexible LED strip 5mt	5000k	◯	60	12v	6	650	3
L228.200.3	Flexible LED strip 2mt	3000k	⬤	120	12v	12	1300	3
L228.500.3	Flexible LED strip 5mt	3000k	⬤	120	12v	12	1300	3
L228.200.4	Flexible LED strip 2mt	4000k	⬤	120	12v	12	1300	3
L228.500.4	Flexible LED strip 5mt	4000k	⬤	120	12v	12	1300	3
L228.200.5	Flexible LED strip 2mt	5000k	◯	120	12v	12	1300	3
L228.500.5	Flexible LED strip 5mt	5000k	◯	120	12v	12	1300	3

Technical specifications

Type of LED	SMD 2835	Leds per meter	60-120	Voltage	12v	Watts per meter	6-12w	Lumens	650-1300
PCB	10mm	Color K	3000-5000k	Angle	120º	CRI	>85	Life expectancy	30000 h

5000 K | 3 years warranty | CE | RoHS | Ip20

L123 3.5MM

High-quality flexible LED strip, with an ultra-thin design for decorative lighting.

They incorporate a 1.40m cord with a male plug in terminal at each end.

Company logo engraved on pcb, as a guarantee of quality.

Ref.	Description		Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L123.200.5	Flexible LED strip 2mt	5000k	◯	120	12v	10	1300	3
L123.500.5	Flexible LED strip 5mt	5000k	◯	120	12v	10	1300	3

years warranty | CE | RoHS | Ip67

L231   4X8MM

High quality and very decorative flexible neon LED strip, curves and figures can be made.
They incorporate a 1.4mt cord with plug in terminal at each end.

Minimum radius 40

5000mm · 50mm · 8mm · 4mm
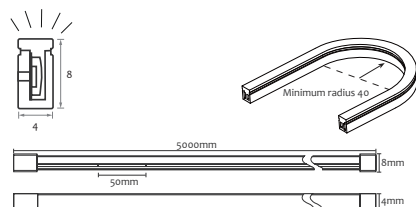
Ref.	Description	Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L231.100.3	LED neon strip 1.0mt 2700k		240	12v	6	420	3
L231.250.3	LED neon strip 2.5mt 2700k		240	12v	6	420	3
L231.500.3	LED neon strip 5.0mt 2700k		240	12v	6	420	3
L231.100.4	LED neon strip 1.0mt 4000k		240	12v	6	420	3
L231.250.4	LED neon strip 2.5mt 4000k		240	12v	6	420	3
L231.500.4	LED neon strip 5.0mt 4000k		240	12v	6	420	3

Technical specifications

Type of LED SMD 2216	Leds per meter 240	Voltage 12v
Watts per meter 6w	Lumens 420	
PCB 4x8mm	Color K 2700-4000k	Angle 120°
CRI >85	Life expectancy 30000 h	

years warranty | CE | RoHS | Ip67

L230   6X12MM

High quality and very decorative flexible neon LED strip, curves and figures can be made.
They incorporate a 1.4mt cord with plug in terminal at each end.

Minimum radius 60

5050mm · 50mm · 12mm · 6mm
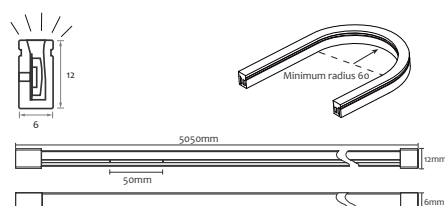
Ref.	Description	Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L230.150.3	LED neon strip 1.5mt 3000k		120	12v	10	960	3
L230.500.3	LED neon strip 5.0mt 3000k		120	12v	10	960	3
L230.100.4	LED neon strip 1.0mt 4000k		120	12v	10	960	3
L230.150.4	LED neon strip 1.5mt 4000k		120	12v	10	960	3
L230.250.4	LED neon strip 2.5mt 4000k		120	12v	10	960	3
L230.500.4	LED neon strip 5.0mt 4000k		120	12v	10	960	3
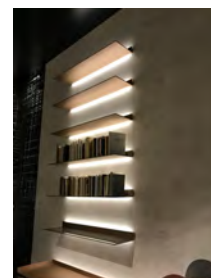
L110   10MM

RGB flexible led strip.

It incorporates a 35cm cord with plug in terminal at each end.

Ref.	Description	Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L110.500.rgb	Flexible LED strip 5mt RGB	RGB	60	12v	14,4	480	3
L110.c	Controller + remote RGB	RGB					3
L150.100rgb	Extension cord 1mt RGB	RGB					3
L150.200rgb	Extension cord 2mt RGB	RGB					3

Technical specifications

Type of LED SMD 5050	Leds per meter 60	Voltage 12v	Watts per meter 14,4w	Lumens 480
PCB 10mm	Color RGB	Angle 120º	CRI >85	Life expectancy 30000 h

L210   15MM

RGBw flexible led strip with silicone. Especially decorative for having the white color included.

It incorporates a 35cm cord with plug in terminal at each end.
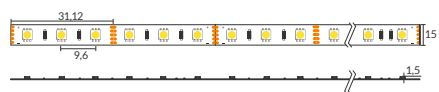
Ref.	Description	Color	Leds per meter	Voltage	Watts per meter	Lumens	Packaged
L210.500rgb	Flexible LED strip 5mt RGBw	RGB	96	24v	22	840	1
L210c	Controller + remote RGBw	RGB					1
L232.500rgb	LED neon strip 5mt 10*18	RGB	60	12v	15	420	1

3 years warranty   CE   RoHS   Ip20

L233

10mm

Digital RGB LED, more than 130 predefined programs. Customized programs can be defined through the app. Available components for special assemblies.
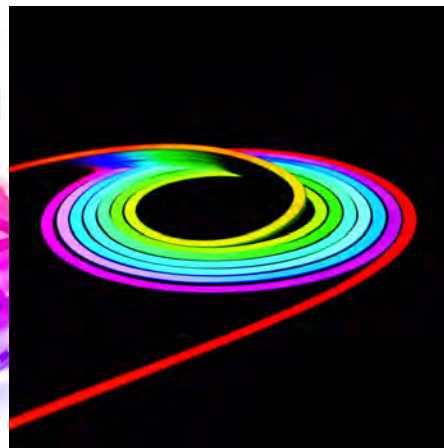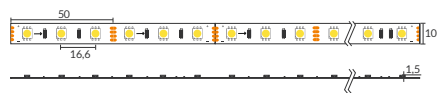
FLEXIBLE LED STRIPS

Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L233.500	Professional digital LED strip 5mt	60	🌈	15	480	1
L233.c	Wifi digital controller 2048px			150		1
L233.100.c	Extension cord 1mt 4 wires			180		6

KIT DIGITAL

Ref.	Description	LED number	Color	Watts	Lumens	Packaged
L233.500.K1	Digital led strip 5mt	30	🌈	5	320	3
	Digital controller			10		
	Remote control					
	Transformer 5v					

Technical specifications

Type of LED SMD 5050	Leds per meter 30-60	Voltage 5-12v	Watts per meter 5-15w	Lumens per meter 480
PCB 10mm	Color RGBd	Angle 120º	CRI >85	Life expectancy 30000 h

Digital RGB installation

LED DRIVER 12V
Model: L131.20
20W 3.75A
50/60Hz

3 years warranty | CE | RoHS | Ip45
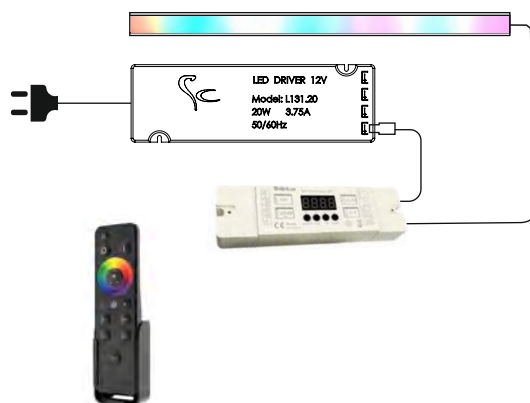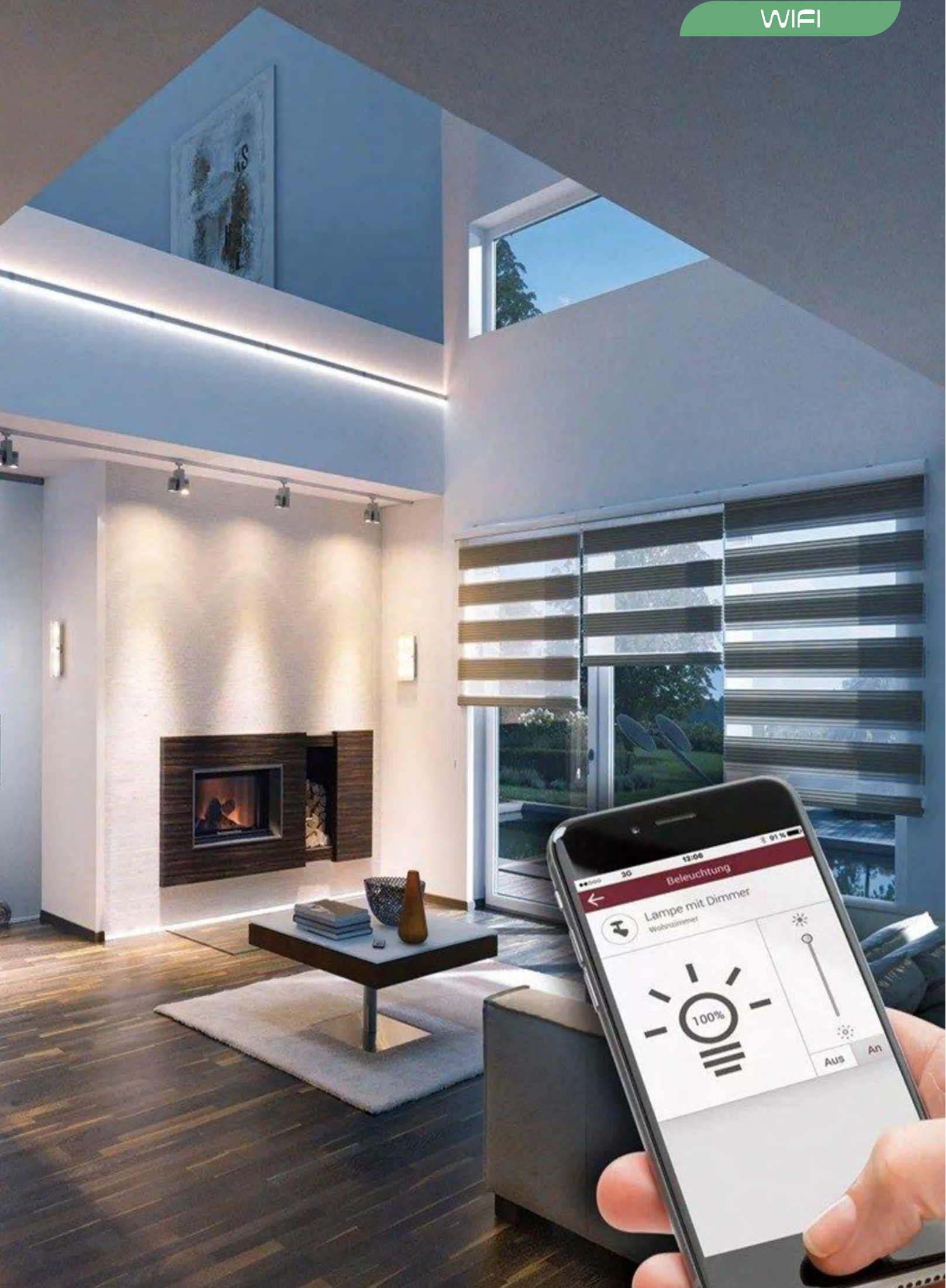
LWLB1

Wi-Fi access port for RGB + CCT LED controllers, the lights can be activated with three different options simultaneously, with remote control with a mobile phone from the app and with voice through a smart speaker such as Amazon Alexa or Google assistant. Recommended for installations in kitchen and home furniture.

Ref.	Description	Voltage	Distance Watts	Packaged
LWLB1	RF wifi port 2.4 Ghz Mono	5V	30mt	1unit
LW36s	Controller 2.4 Ghz RGB-W	12v/24v	144w	1unit
LW39s	Controller 2.4 Ghz	12v/24v	144w	1unit
LW36sa	Controller kit + mono control	12v/24v	144w	1unit

Recommended components for installation:

Ref.	Description	Watts	Packaged
L136.36	Transformer	36w	3
LW07	Single color control 4 zones		1
LW88	RGB controller		1
LWS1B	Mono surface controller		1
LWB1B	Mono wall controller		1

LW36sa

LW07

LW88

LWS1B

LWB1B

Smartphone APP Control; Two-way data communication
let you know the light status at any time

LWL5

Wi-Fi controller for single-color and RGB LEDs, the lights can be activated with three different options simultaneously, with remote control, with a mobile phone from the app, and with voice through a smart speaker such as Amazon Alexa or Google Assistant.
Direct operation, no additional Wi-Fi port needed. Recommended for installations in kitchen and home furniture.

WiFi 5 in 1 LED Strip Controller
Support Third Party Voice Control, WiFi Wireless Control, Smart phone App control, 2.4Ghz remote control

Ref.	Description	Voltage	Watts	Packaged
LW 36w	Wifi LED controller RF 2.4 Ghz	12/24V	144W	1
LWL5	Wifi LED controller RF 2.4 Ghz	12/24V	180W	1
LWL1P75	LED Controller driver+Wifi	24V	75W	1

Recommended components for installation:

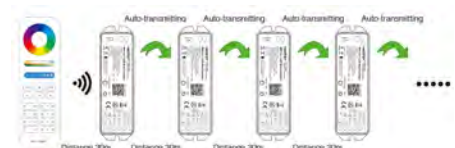| Ref.	Description	Watts	Packaged
L136.36	Transformer	36w	3
LW07	Single color controller 4 zones		1
LW88	RGB controller		1
LWS1B	Mono surface controller		1
LWB1B	Mono wall controller		1

LW07

LW88
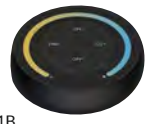
LWS1B

LWB1B
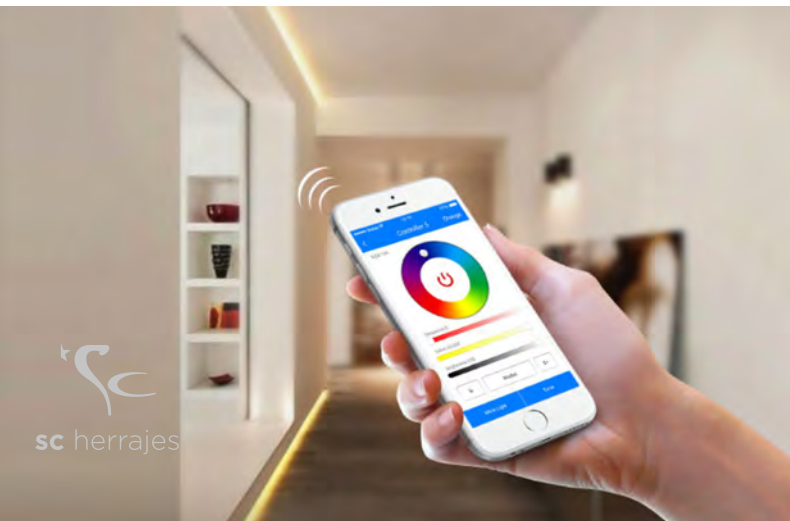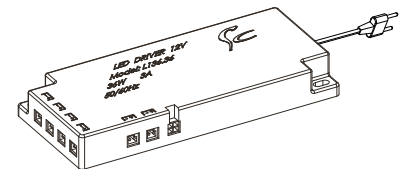
L136

LED transformer and sensor in one piece. Ultra-thin design with box for 6-10 LED connections and 1 sensor connection. Possibility of adapting a sensor head available in 4 models with different functions.
Includes 2.0mt HV cord.

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L136.24	24w LED transformer with 6 LED connections and 1 sensor connection	12V	24w	95 x 55 x 18	3
L136.36	36w LED transformer with 6 LED connections and 1 sensor connection	12V	36w	137 x 55 x 18	3
L136.60	60w LED transformer with 6 LED connections and 1 sensor connection	12V	60w	167 x 60 x 20	3
L136.100	100w LED transformer with 10 LED connections and 1 sensor connection	12V	100w	198 x 60 x 20	3
L136.1	IR on-off sensor				3
L136.2	IR door sensor				3
L136.2.2	IR double door sensor				3
L136.3	PIR presence sensor				

Technical specifications

Voltage 12v	Temperature 25°	Frequency 50-90Hz	IP 20	Warranty 2 años	
Imput 170-240VAC	Max. work temperature 80°	Power factor >0,5	Watts 24-100	Life expectancy 25.000 h	

L134

LED transformer with direct connection to the network.
Includes cord/s with terminal/s and 2.0mt HV cord.

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L134.06	6w LED transformer 1 LED connection	12V	6w	61 x 37 x 57	3
L134.15	15w LED transformer 2 LED connections	12V	15w	77 x 46 x 67	3
L134.27	27w LED transformer 3 LED connections	12V	27w	83 x 50 x 72	3

Technical specifications

Voltage 12v	Temperature -10°-40°	Frequency 50-90Hz	IP 20	Warranty 2 years	
Imput 100-240VAC	Max. work temperature 80°	Power factor >0,5	Watios 6-27	Life expectancy 25.000 h	

L130

Small and large format power supplies
Includes 2.0mt HV cord.
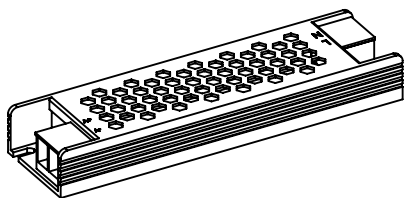
| Ref.	Description		Voltage	Watts	Measurements (length, width, height)	Packaged
L130.45.12v	Transformer LED	45w Ip20 + 1 conector	12v	45	95 x 40 x 25	3
L130.45.24v	Transformer LED	45w Ip20 + 1 conector	24v	45	95 x 40 x 25	3
L130.60.12v	Transformer LED	60w Ip20 + 1 conector	12v	60	110 x 45 x 25	3
L130.60.24v	Transformer LED	60w Ip20 + 1 conector	24v	60	110 x 45 x 25	3
L130.100.12v	Transformer LED	100w IP20	12v	100	130 x 48 x 26	3
L130.100.24v	Transformer LED	100w IP20	24v	100	130 x 48 x 26	3
L130.200.12v	Transformer LED	200w IP20	12v	200	195 x 48 x 29	3
L130.200.12v67	Transformer LED	200w IP67	12v	200	195 x 48 x 29	3
L130.200.24v	Transformer LED	200w IP20	24v	200	195 x 48 x 29	3
L130.300.12v	Transformer LED	300w IP20	12v	300	207 x 60 x 42	3
L130.300.12v67	Transformer LED	300w IP67	12v	300	207 x 60 x 42	3
L130.300.24v67	Transformer LED	300w IP67	24v	300	207 x 60 x 42	3

L131 NEW MODELS

LED transformer and sensor in one piece.
Ultra-thin design with box for 4-6 LED connections and 1 sensor connection.
Possibility of adapting a sensor head available in 3 models with different functions.
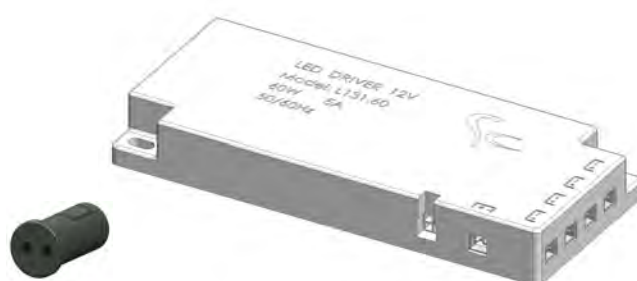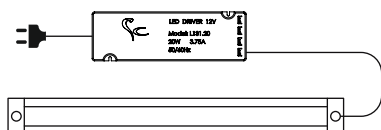Includes 1.8mt HV cord.

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L131.09	LED transformer 3 conexions	12V	9w	103 x 41 x 12	3
L131.15	LED transformer 4 conexions	12V	15w	129 x 41 x 16	3
L131.24	LED transformer 3+1 conexions	12V	24w	124 x 45 x 18	3
L131.36	LED transformer 4+1 conexions	12V	36w	144 x 50 x 18	3
L131.60	LED transformer 5+1 conexions	12V	60w	171 x 61 x 18	3
L131.30.24v	LED transformer 4 conexions	24V	30w	180 x 46 x 21	3
L131.1	Dimmer on-off sensor	12V	60w	14,5 diameter	3
L131.2	Door sensor	12V	60w	10 diameter	3
L131.2.2	Double door sensor	12V	60w	10 diameter	3

Technical specifications

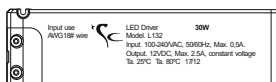| Voltage	12v-24v	Temperature	-10°-40°	Frequency	50-90Hz	IP	20	Warranty	2 years
Imput	200-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	9-300	Life expectancy	25.000 h

L132 *NEW MODELS*

LED transformer, ultra-thin design with one LED connection. The new models include sensor output and various connections.
Includes 2 meter network cord and hv connector.

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L132.15	LED transformer 1 conexion 15w	12V	15w	140,5 x 45,5 x 15,7	3
L132.20	LED transformer 1 conexion 20w	12V	20w	140,5 x 45,5 x 15,7	3
L132.30	LED transformer 6 conexions 30w	12V	30w	169,5 x 49,0 x 19	3
L132.45	LED transformer 6 conexions 45w	12V	45w	202,6 x 50,6 x 19	3
L132.90	LED transformer 6 conexions 90w	12V	90w	248,0 x 57,0 x 19	3
L132.45.24v	LED transformer 2 conexions 45w 24v	24V	45w	202,6 x 50,6 x 22,5	3
L132.80.24v	LED transformer 2 conexions 80w 24v	24V	80w	248,0 x 57,0 x 26,3	3

Technical specifications

Voltage	12v	Temperature	25°	Frequency	50-90Hz	IP	20	Warranty	2 years
Imput	100-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	15-80	Life expectancy	25.000 h

L133

LED transformer and sensor in one piece. Ultra-thin design with box for 6 LED connections and 3 sensor connections.
Includes an IR sensor head and 2 meter network cord with hv connector.
Available 4 models of sensors with different functions.
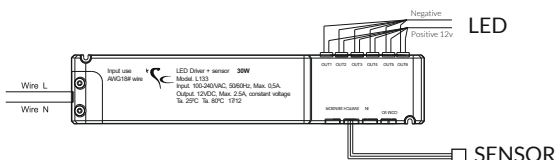
Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L133.30	LED Transformer 30w 1 sensor	12V	30w	265 x 50 x 21	1

Technical specifications

Voltage	12v	Temperature	-10°-40°	Frequency	50-90Hz	IP	20	Warranty	2 years
Imput	100-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	30w	Life expectancy	25.000 h

6 Zones | wireless | 3 years warranty | CE | RoHS

L144

Ultra-thin set of transformer + wireless sensor with 6 independent channels.
Includes remote control, HV cord to network and 6 LED connections.
4 different sensor options and sensor case to be recessed .

Transformer

Sensor

Cord HV 2mt

L144.4   L144.5   L144.6   L144.7
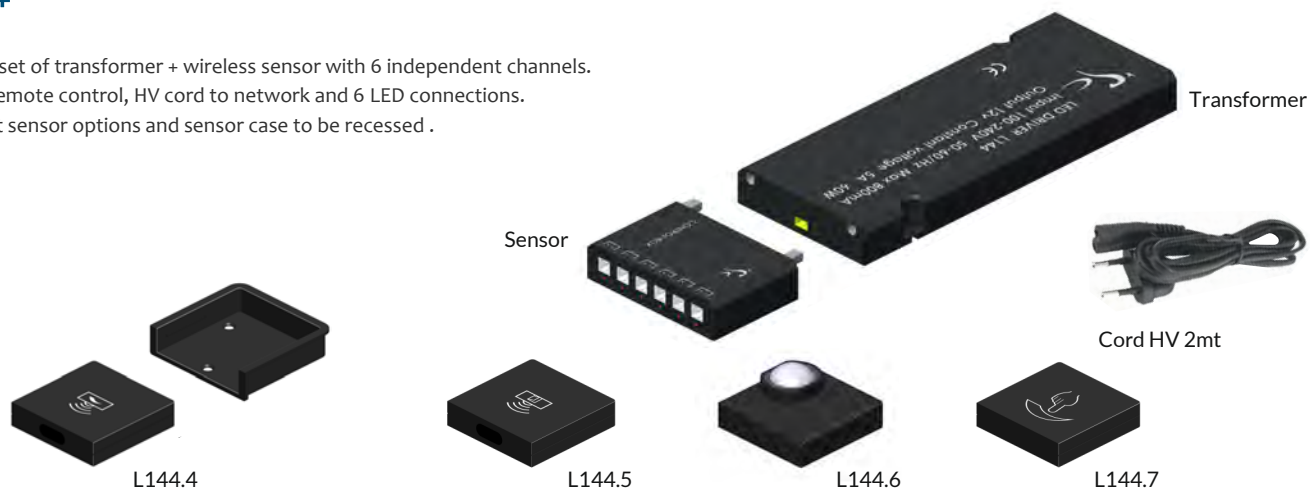
| Ref.	Description	Watts	Measurements (length, width, height)	Packaged
	Kit 20w 12v			
L144.20.4	Kit 20w transformer + sensor + IR dimmer controller	20	162x75x17	1
L144.20.5	Kit 20w transformer + sensor + door IR controller	20	162x75x17	1
L144.20.6	Kit 20w transformer + sensor + presence PIR controller	20	162x75x17	1
L144.20.7	Kit 20w transformer + sensor + Touch dimmer controller	20	162x75x17	1
	Kit 60w 12v			
L144.60.4	Kit 60w transformer + sensor + IR dimmer controller	60	235x75x17	1
L144.60.5	Kit 60w transformer + sensor + door IR controller	60	235x75x17	1
L144.60.6	Kit 60w transformer + sensor + presence PIR controller	60	235x75x17	1
L144.60.7	Kit 60w transformer + sensor + Touch dimmer controller	60	235x75x17	1
	Additional controlers			
L144.4	IR dimmer sensor controller		40x40x10	1
L144.5	IR door sensor controller		40x40x10	1
L144.6	Presence PIR sensor controller		40x40x10	1
L144.7	Touch dimmer sensor controller		40x40x10	1

channel 6
channel 5
channel 4
channel 3
channel 2
channel 1

Kit components:

1 Transformer
1 control box with 6 channels
1 remote control
1 Network cord 2 mt.
1 user manual
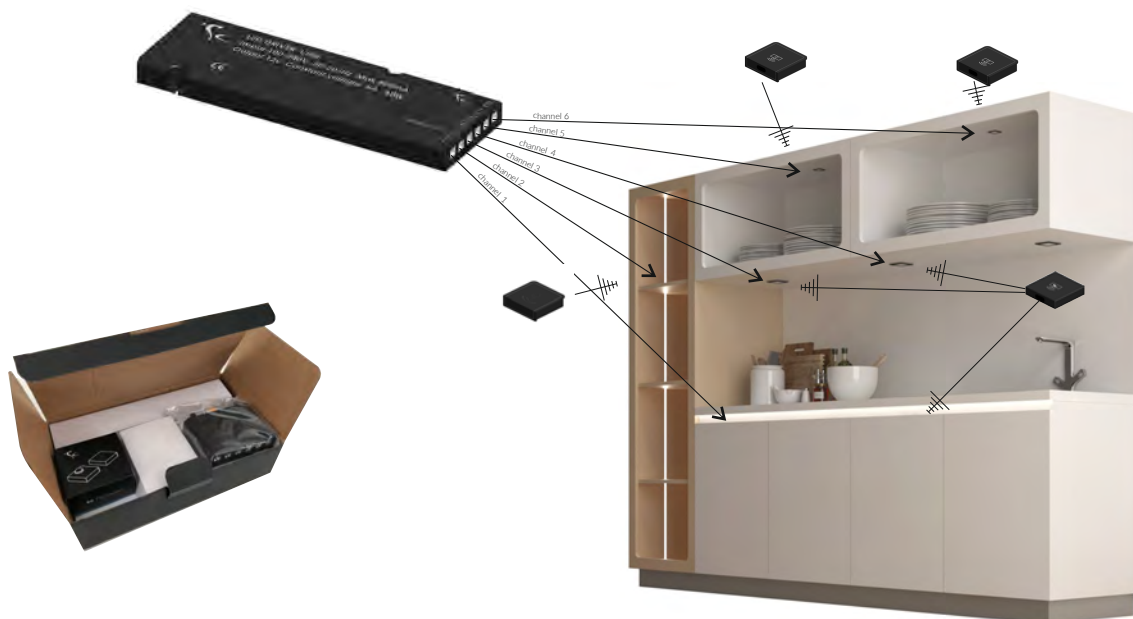
Technical specifications

Voltage	12v	Temperature	25°	Frequency	50-90Hz	IP	20	Warranty	3 years
Imput	100-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	20-60	Life expectancy	30.000 h

34

Multizone · wireless · 3 years warranty · CE · RoHS

L141

Wireless sensor with dimmer function, includes control with intensity adjustment from 0 to 100.
Includes cord to transformer and box with 6 LED connections.

Installation of remote dimmer sensor:

LED DRIVER 12V
Modà L131.20
20W   3,75A
50/60Hz

Controller   DIMMER

L141.72

L141.65

L141.85

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L141.72	Remote dimmer with 6 connections box	12-36v	96-280w	80x36x22	1
L141.65	Desktop controller				1
L141.85	Wall controller				1

Technical specifications

Voltage	12v-36v	Temperature	25°	Frequency	50-60Hz	IP	20	Warranty	3 years
Imput	100-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	96-280	Life expectancy	30.000 h

L141

Wireless on-off sensor with 6 connections and dimmer function, includes control with intensity adjustment from 0 to 100.
Wireless PIR sensor with 6 connections.
Includes cord to transformer.

Installation of remote sensor:

LED DRIVER 12V
Modà L131.20
20W   3,75A
60/60Hz

Controller

L141.60

L141.60pir

Input
DC1224V
wireless receiver
806WR-5A
Output
DC1224V 5A Max.
Out 1 Out 2 Out 3 Out 4 Out 5 Out 6

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L141.60	Touch dimmer remote sensor with 6 connections	12-24v	60w	60x60x12	1
L141.90	Touch dimmer remote sensor with 6 connections	12-24v	90w	90x60x12	1
L141.60pir	Presence remote sensor with 6 connections	12-24v	60w	60x60x12	1

Technical specifications

Voltage	12v-24v	Temperature	25°	Frequency	50-60Hz	IP	20	Warranty	3 years
Imput	170-240VAC	Max. work temperature	80°	Power factor	>0,5	Watios	60-90	Life expectancy	30.000 h

4 Zones · **wireless** · **3 years warranty** · **CE** · **RoHS**

L145

Single color 4 zones controller with dimmer function and 2 scenarios.
Includes cord to transformer.

Controller installation in 4 zones:
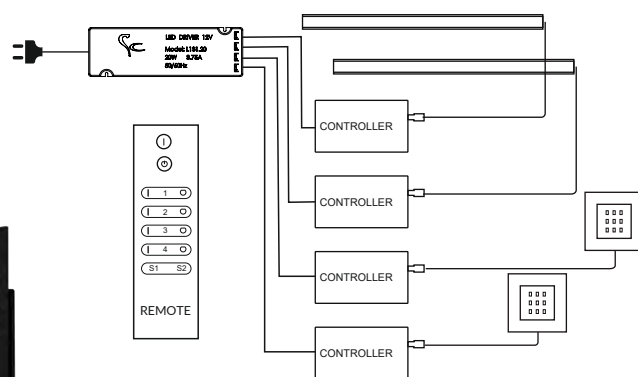
Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L145.96	Mono color controller	12-36v	96-288w	80x36x22	1
L145.4	4-zones control with magnetic support			160x48x12	1

Technical specifications

Voltage	12v-36v	Temperature	20º-50º	Frequency	2,4Gz	IP	20	Warranty	3 years
Amps	8A	Max. work temperature	75º	Power factor	>0,5	Watts	96-280	Life expectancy	30.000 h

LW36

Monocolor controller for 1 or several zones, with dimmer function.
You can use 3 different surface or wall controls.
Includes cord to transformer.

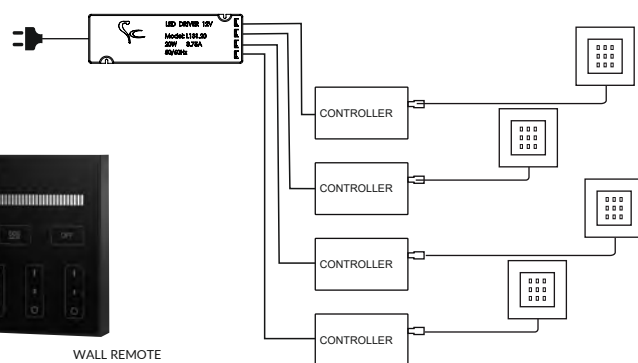**Controller installation in 4 zones:**

LW36sa

LWS1B

W07

LWB1B

WALL REMOTE

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
LW.36s	2.4Ghz monochrome controller	12-24v	144w	60x60x12	1
LW.36sa	Controller kit and monocolor remote 1 zone	12-24v	144w	60x60x12	1
LWS1B	Monocolor surface controller 1 zone			70x24	1
LW07	Monocolor surface controller 4 zones			110x53x21	1
LWB1B	Monocolor wall controller 4 zones			80x80x4	1

3 years warranty · CE · RoHS

L142

Ultra-flat control box, with 5 different drive options.
With 6 LED connections and 3 sensor connections.

L142

Control Box Installation:
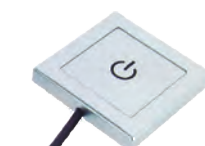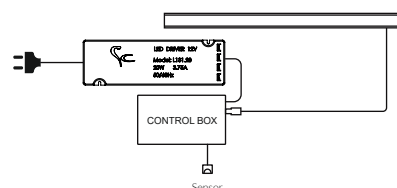
CONTROL BOX

Sensor

Sensor

L142.3   L142.4   L142.5   L142.6   L142.7

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L142	Control box	12V	60w	80x40x14	1
L142.3	IR on-off sensor + plugging cord				1
L142.4	IR dimmer sensor + plugging cord				1
L142.5	IR door sensor + plugging cord				1
L142.6	Presence PIR sensor + plugging cord				1
L142.7	Surface on-off sensor + plugging cord				1
L142.1	Box/box connection cable				1

Independent sensor, does not need a control box, with 3 different drive options.

Sensor installation:

Sensor

L142.17
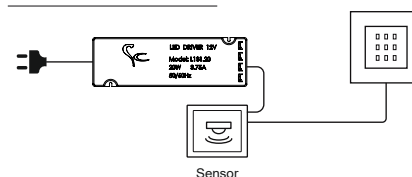
L142.18

L142.19

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L142.17	Surface touch on/off sensor	12V	30	50x50x5	1
L142.18	Surface IR sensor 1 door	12V	30	50x50x5	1
L142.19	Surface IR sensor 2 doors	12V	30	50x50x5	1

Technical specifications

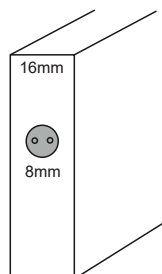|					
Voltage	12v-24v	Temperature	25°	Frequency	50-90Hz
IP	20	Warranty	3 years		
Imput	170-240VAC	Max. work temperature	80°	Power factor	>0,5
Watts	30-60	Life expectancy	30.000 h		

3 years warranty | CE | RoHS

L143

Ultra-thin sensor, only 8mm in diameter, especially made to embed in the edges of the cabinets.

Available 3 models of sensors with different functions.

L143 sensor installation:

16mm

8mm
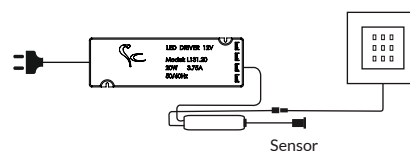
Sensor

L143.36

Ref.	Description	Voltage	Watts	Diameter	Packaged
L143.36ir	IR on-off sensor 8mm	12v	36w	8mm	1
L143.36p	Door sensor 8mm	12v	36w	8mm	1
L143.36d	Double door sensor 8mm	12v	36w	8mm	1

Technical specifications

Voltage	12v-24v	Temperature	25°	Frequency	50-60Hz	IP	20	Warranty	3 years
Imput	170-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	36	Life expectancy	30.000 h

L140

220v IR sensor. Includes cord with HV connector to the network and cord to the transformer.
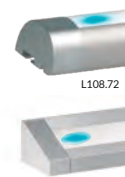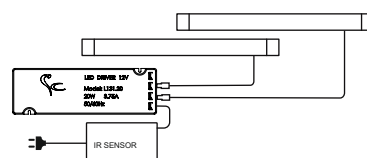
L140 IR sensor installation:

IR SENSOR

L140.72

SENSOR

L141.32

L141.32n

L141.30

L108.72

L203.32

Ref.	Description	Voltage	Watts	Measurements (length, width, height)	Packaged
L140.72	IR Sensor 5cm	220v	250w	80x40x20	1
L141.32	IR sensor 12mm 6cm silver	12v	32w	12 diameter	1
L141.32n	IR sensor 12mm 6cm black	12v	32w	12 diameter	1
L141.30	PIR sensor 12mm presence 3mt distance	12v	32w	12 diameter	1
L108.72	Internal sensor double function touch/ door	12v	24w	12 diameter	1
L203.32	Internal touch sensor	12v	32w	10 diameter	1

Technical specifications

Voltage	12v-24v	Temperature	25°	Frequency	50-60Hz	IP	20	Warranty	3 years
Imput	100-240VAC	Max. work temperature	80°	Power factor	>0,5	Watts	32-250	Life expectancy	30.000 h

L150

Cords with connectors and tinned tips for soldering, extension cables with male/female connectors.

L150.300

L50.48

L152.100   L152.35   L152.100a   L152.2   L152.6   L152.100i   L152.i

Ref.	Description		Watts	Packaged
L150.48	Connector cord for welding 50cm		72	3
L150.140	Connector cord for welding 140cm		72	3
L150.100	Extension cord	100cm	72	3
L150.150	Extension cord	150cm	72	3
L150.300	Extension cord	300cm	72	3
L150.100.rgb	RGB Extension cord	100cm	144	3
L152.100	Male welding cord	100cm	500	3
L152.35	Female welding cord	35cm	500	3
L152.100a	Extension cord	100cm	500	3
L152.2	Box 2 connections		500	3
L152.6	Box with 6 connections + switch		500	3
L152.6i	Cord with on-off switch		500	3
L152.i	On-off switch		500	3

L151

Quick connection box

Quick connectors to facilitate the assembly of LED strips.

L151.06t

L151.06

L151.140

L151.u

L151.8

L151.d

Ref.	Description			Voltage	Watts	Packaged
L151.06	Box of 6 connections with tinned cord for welding			12-24v	72	6
L151.06t	Box of 6 connections with terminal			12-24v	72	6
L151.8	Connector strip/cord 8mm to weld			12-24v	108	12
L151.140	Connector strip/cord	8mm	140cm	12-24v	72	12
L151.u	Connector strip/strip	8mm	union	12-24v	72	12
L151.d	Connector strip/cord	8mm	double	12-24v	72	12

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