sc herrajes®

Smart Connector

Smart Connector
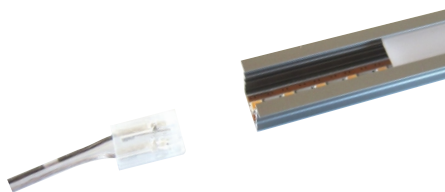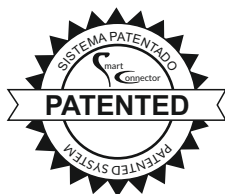
The art of design

We would like to present to you the all new Smart Connector system collection which is a world premiere, developed and manufactured according to the instructions of our team engineers and designed to solve the current problems of installation on site and replacement of lighting elements with LED strips.

The collection is made up of 4 different profile designs and 3 connector models. It will soon be complemented by 2 new spotlight designs that will include the Smart Connector system and also with two new joining connectors for profiles, one for straight unions and the other for 90º unions (with this two new connector you can use the remaining short profile sections that you normally discard) this four last product are currently being developed.

The greatest contribution of the Smart Connector system collection to the market is the ease of making profiles to the desired size without the need for welding and therefore saving installation time, you don't need to assemble them in your wor k shop, you can just can do it directly on site with a circular saw to cut the strips and manually plug in and that's it .

Its main features are:

1) The profiles are supplied with a Led strip glued inside and its plastic diffuser. The Titanium finish color used in all the profiles gives them the subtle elegance that distinguishes them from the other profiles availables in the market .

2) The set can be cut to the desired size , with the same saw that the wood is cut.

3) The Led strip is designed to be able to be cut at any point, avoiding the classic faults in lightings as in conventional Led strips that are cut every 3 Led points, thus saving a lot of LED strip.

4) The Led strip contains continuous connection poles to be able to install the connector in any position after cutting.

5) The Led strip contains 150 points per meter, to achieve the neon effect in all designed profiles. With 12v and 8w/mt we achieve medium to high lighting, perfect for lighting a wide scope of furniture and decoration in general, saving on trans form materials. Available in warm and neutral light.

6) The connector is installed by hand by pushing it into the profile with light pressure thus facilitating assembly and replacement.

7) We developed connectors with different functions, with and without plastic caps, thus to be able to connect to both sides of the profile and Led strip, to make joints and also with a touch sensor and always attached to a 2mt cable with plugin terminal.

8) Models L216 Vision and L217 Tech are available with reversible polarity cables for right or left hand installation
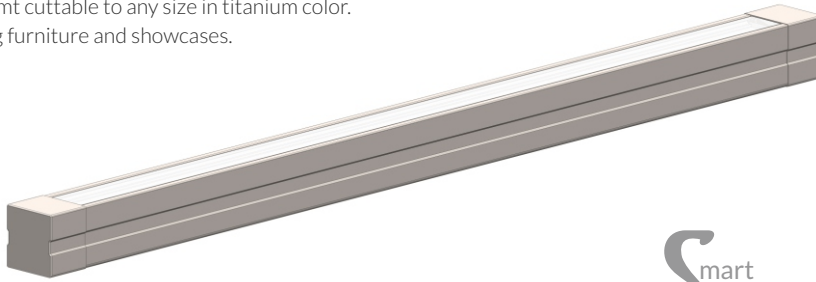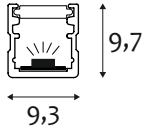
L215 ELITE

Model L215 Elite, is a surface profile, medium luminosity and minimalist design and were the LED dots are not visible.
It has the Smart Connector system for easy connection and replacement.
Available in bars of 2,35mt cuttable to any size in titanium color.
Recomended for lighting furniture and showcases.

9,7
9,3

Smart Connector

SMART CONNECTOR SURFACE ELITE PROFILE

Reference	Description			W/mt	Packing
L215.2350.3	Elite surface profile Led and diffuser	2,35mt	2350K	8	6
L215.2350.4	Elite surface profile Led and diffuser	2,35mt	4000K	8	6
L215.tc	Elite surface caps, connector cable and fixing clips				24
L215.ci	Cable with internal Smart Connector	2,00mt			24

Available with grey diffuser.

Specifications

|							
Led type	SMD 2025	Leds/mt	150	Voltage	12v	Watts/mt	8w
PCB	6mm	Color K	3000-4000k	Lumens/mt	800	Life expectancy	50000

L215r ELITE

Model L215 Elite, is a recessed profile, medium luminosity and minimalist design and were the LED dots are not visible.
It has the Smart Connector system for easy connection and replacement.
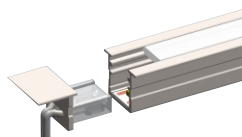Available in bars of 2,35mt cuttable to any size in titanium color.
Recomended for lighting furniture and showcases.

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9,2
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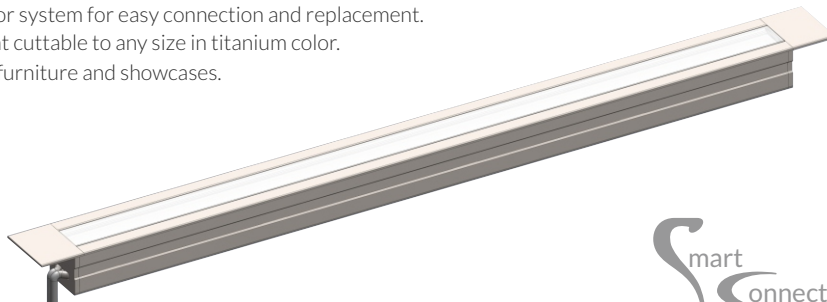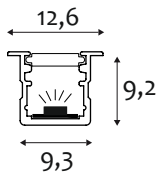
Smart Connector

SMART CONNECTOR RECESSED ELITE PROFILE

Reference	Description			W/mt	Packing
L215r.2350.3	Elite recessed profile Led and diffuser	2,35mt	3000K	8	6
L215r.2350.4	Elite recessed profile Led and diffuser	2,35mt	4000K	8	6
L215r.tc	Elite recessed caps cable connector	2,00mt			24
L215.ci	Cable with internal Smart Connector	2,00mt			24
L215.u	Union connector				12
L215.cor	Corner connector				12

Avalaible with grey cover.

L216   VISION

Model L216 Vision, is a surface profile specially designer for use atthe bottom of cabinets where the angle between panels is formed. LED dots are not visible.
It has the Smart Connector system for easy connection and replacement.
It can incorporate a touch sensor integrated into the profile.
Available in bars of 2,5mt cuttable to any size in titanium color.
Recomended for lighting worktops, cabinets ans closets.

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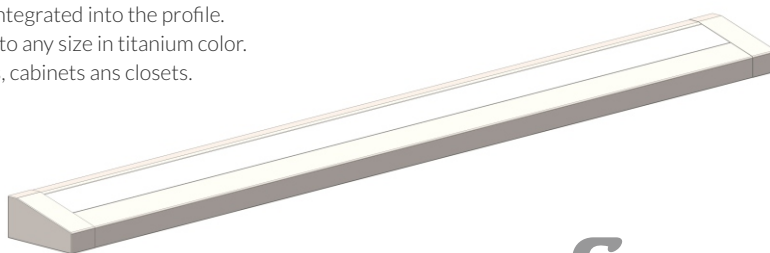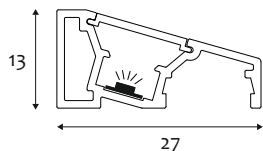
Smart Connector

SMART CONNECTOR SURFACE VISION PROFILE

Reference	Description	W/mt	Packing
L216.2500.3	Vision surface profile Led and diffuser 2,50mt 3000K	8	6
L216.2500.4	Vision surface profile Led and diffuser 2,50mt 4000K	8	6
L216.tcs	Vision surface caps, cable connector sensor and clips		24
L216.cs	Cable with internal Smart Connector and sensor 2mt		12
L216.csi	Cable with inverse Smart Connector and sensor 2mt		12
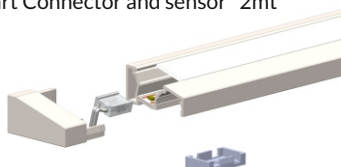
Specifications

Led type	SMD 2025	Leds/mt	150	Voltage	12v	Watts/mt	8w
PCB	6mm	Color K	3000-4000k	Lumens/mt	800	Life expectancy	50000

L217   TECH

Model L217 Tech, recessed profile designed for angular lighting
and were the LED dots are not visible.
It has the Smart Connector system for easy connection and replacement.
Available in bars of 2,5mt cuttable to any size in titanium color.
Recomended for lighting closets and showcases.

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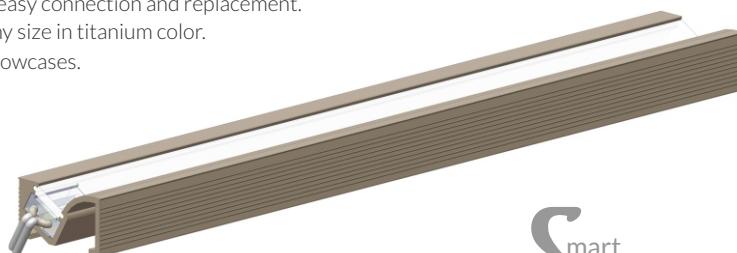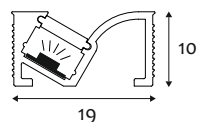
Smart Connector

SMART CONNECTOR RECESSED TECH PROFILE

Reference	Description	W/mt	Packing
L217.2500.3	Tech recessed profile Led and difusser 2,50mt 3000K	8	6
L217.2500.4	Tech recessed profile Led and difusser 2,50mt 4000K	8	6
L217.ci	Cable with inverse Smart Connector 2,00mt		24
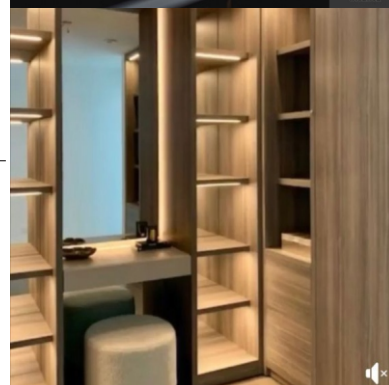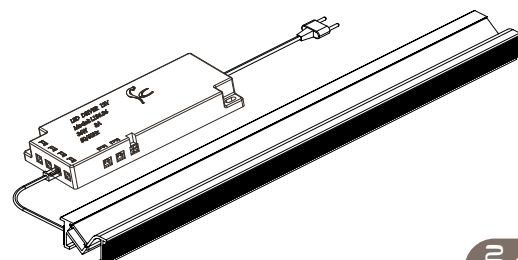
L160.160 12v/24v PULSAR

Model L160.160 Pulsar surface Led spotllight with minimalist desing where the LED dots are nor visible.

Available with sensor and double cable to connect several correlative spotlights.

Recommended use to iluminate worktops and showcases.

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160
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SPOTLIGHT PULSAR 12V

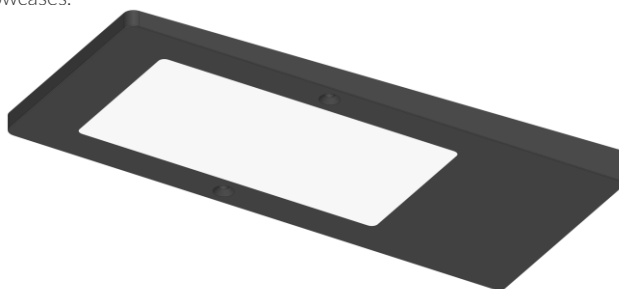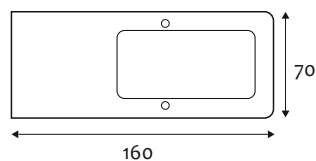| Reference	Description	Color K	V	W	Lumens	Packing
L160.160.3b	Pulsar spotlight aluminium white	3000	12	6	360	6
L160.160.3n	Pulsar spotlight aluminium black	3000	12	6	360	6
L160.160.3	Pulsar spotlight aluminium silver	3000	12	6	360	6
L160.160.3bs	Pulsar spotlight aluminium white sensor	3000	12	6	360	6
L160.160.3ns	Pulsar spotlight aluminium black sensor	3000	12	6	360	6
L160.160.3s	Pulsar spotlight aluminium silver sensor	3000	12	6	360	6
L160.160.4b	Pulsar spotlight aluminium white	4500	12	6	360	6
L160.160.4n	Pulsar spotlight aluminium black	4500	12	6	360	6
L160.160.4	Pulsar spotlight aluminium silver	4500	12	6	360	6
L160.160.4bs	Pulsar spotlight aluminium white sensor	4500	12	6	360	6
L160.160.4ns	Pulsar spotlight aluminium black sensor	4500	12	6	360	6
L160.160.4s	Pulsar spotlight aluminium silver sensor	4500	12	6	360	6

Specifications

Led type	SMD 2216	Leds/mt	120	Voltage	12v-24v	Watts	6w
PCB	3mm	Color K	3000-4500k	Lumens	360-420	Life expectancy	50000

SPOTLIGHT PULSAR 24V

Reference	Description	Color K	V	W	Lumens	Packing
L160.160.24.3b	Pulsar spotlight aluminium white	3000	24	6	420	6
L160.160.24.3n	Pulsar spotlight aluminium black	3000	24	6	420	6
L160.160.24.3	Pulsar spotlight aluminium silver	3000	24	6	420	6
L160.160.24.3bs	Pulsar spotlight aluminium white sensor	3000	24	6	420	6
L160.160.24.3ns	Pulsar spotlight aluminium black sensor	3000	24	6	420	6
L160.160.24.3s	Pulsar spotlight aluminium silver sensor	3000	24	6	420	6
L160.160.24.4b	Pulsar spotlight aluminium white	4500	24	6	420	6
L160.160.24.4n	Pulsar spotlight aluminium black	4500	24	6	420	6
L160.160.24.4	Pulsar spotlight aluminium silver	4500	24	6	420	6
L160.160.24.4bs	Pulsar spotlight aluminium white sensor	4500	24	6	420	6
L160.160.24.4ns	Pulsar spotlight aluminium black sensor	4500	24	6	420	6
L160.160.24.4s	Pulsar spotlight aluminium silver sensor	4500	24	6	420	6

Installation

Pulsar spotlight with inbuilt touch sensor

touch sensor

LED DRIVER
Model: L136.24 12V 24W 2A
Output: 200-240VAC 50/60Hz
Ta: Max 45°C Tc: Max 85°C

Pulsar spotlight with remote sensor

LED DRIVER
Model: L136.24 24W 2A
Output: 200-240VAC 50/60Hz
Ta: Max 45°C Tc: Max 85°C

REMOTE   SENSOR

小红书号：915396285
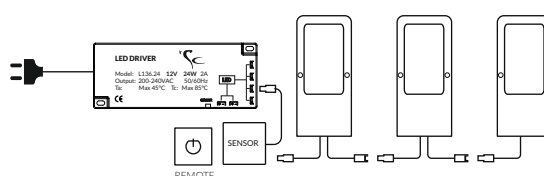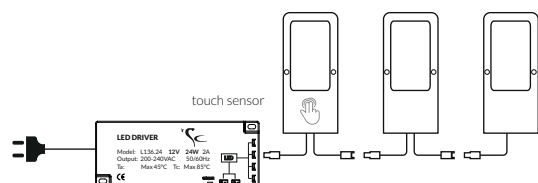
L160.85 12v/24v   NOVA

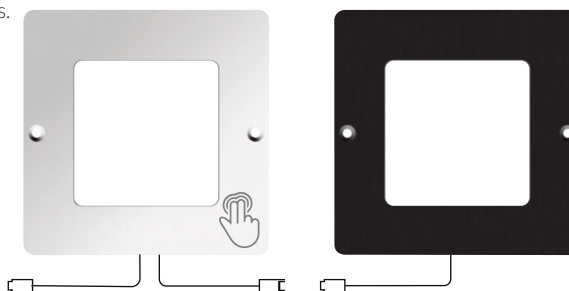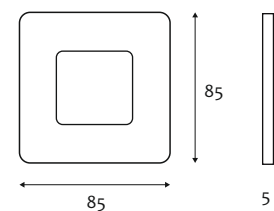Model L160.85 Nova surface Led spotllight with minimalist desing where the LED dots are nor visible.
Available with sensor and double cable to connect several correlative spotlights.
Recommended use to iluminate worktops and showcases.

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SPOTLIGHT NOVA 12V

Reference	Description	Color K	V	W	Lumens	Packing
L160.85.3b	Nova spotlight aluminium white	3000	12	4	320	6
L160.85.3n	Nova spotlight aluminium black	3000	12	4	320	6
L160.85.3	Nova spotlight aluminium silver	3000	12	4	320	6
L160.85.3bs	Nova spotlight aluminium white sensor	3000	12	4	320	6
L160.85.3ns	Nova spotlight aluminium black sensor	3000	12	4	320	6
L160.85.3s	Nova spotlight aluminium silver sensor	3000	12	4	320	6
L160.85.4b	Nova spotlight aluminium white	4500	12	4	320	6
L160.85.4n	Nova spotlight aluminium black	4500	12	4	320	6
L160.85.4	Nova spotlight aluminium silver	4500	12	4	320	6
L160.85.4bs	Nova spotlight aluminium white sensor	4500	12	4	320	6
L160.85.4ns	Nova spotlight aluminium black sensor	4500	12	4	320	6
L160.85.4s	Nova spotlight aluminium silver sensor	4500	12	4	320	6

Specifications

Led type	SMD 2216	Leds/mt	120	Voltage	12v-24v	Watts	4w
PCB	3mm	Color K	3000-4500k	Lumens	320-360	Life expectancy	50000

SPOTLIGHT NOVA 24V

Reference	Description	Color K	V	W	Lumens	Packing
L160.85.24.4	Nova spotlight aluminium silver	4500	24	4	360	6
L160.85.24.4s	Nova spotlight aluminium silver sensor	4500	24	4	360	6

Installation

Nova spotlight with inbuilt touch sensor

sensor tactil

LED DRIVER
Model: L136.24 12V 24W 2A
Output: 200-240VAC 50/60Hz
Ta: Max 45°C Tc: Max 85°C

Nova spotlight with remote sensor

LED DRIVER
Model: L136.24 12V 24W 2A
Output: 200-240VAC 50/60Hz
Ta: Max 45°C Tc: Max 85°C
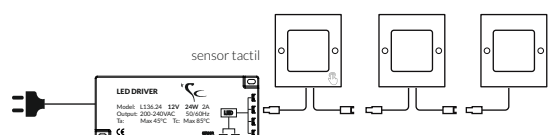
REMOTE   SENSOR
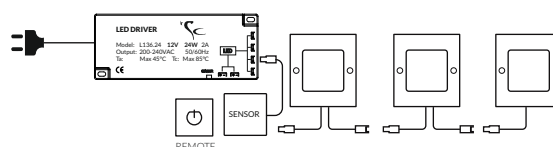
LW36 REMOTE CONTROLLER

Wireless Led controller with dimmer, can be used with different remotes controls 1 and 4 zones.
Includes connection cables.

The Wifi model can be controlled with mobile apps , for Alexa and Google assistant device systems.

LW36sa

LWB1B

LWS1B

WIRELESS LED CONTROLLER

Reference	Description	W	Packing
LW36sa	Monocolor controller kit+ remote control	144	1
LW36s	Monocolor controller 2,4 GHz	144	1
LW36w	Monocolor controller 2,4 GHz Wi-Fi	144	1
		Distance	
LWS1B	Surface remote control	30mt	1
LWB1B	4 zones surface remote control	30mt	1

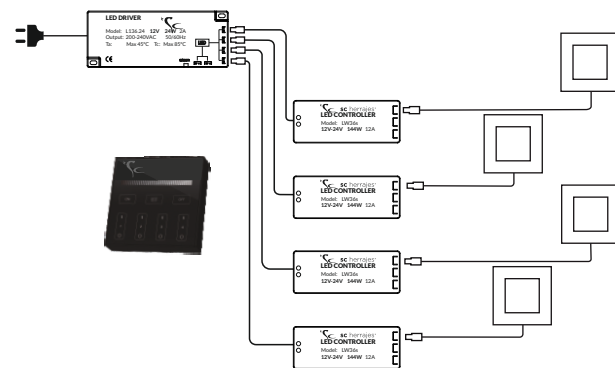### 4 zones controller and remote installation

L141 REMOTE SENSOR

6 connections wireless sensor with dimmer function includes cable
with plugin sockett.

Incudes off-on or presence remote control to choose (depending on
your system installation needs).

L141.60

L141.60pir

WIRELESS SENSOR

Reference	Description	Voltage	Watts	Measures	Packing
L141.60	Wireless on-off sensor for 6 connections	12-24v	60w	60x60x12	1
L141.60pir	Wireless presence sensor for 6 connections	12-24v	60w	60x60x12	1
L141.96	Wireless on-off sensor for 6 connections	12-24v	96w	70x60x12	1

Wireless controller installation

SENSOR   REMOTE
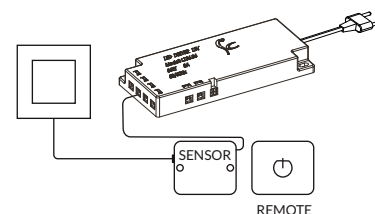
Specifications

Voltage	12v-24v	Temperature	25°	IP	20	Warranty	3 years
Watts	60-96	Temperature max.	80°	Power factor	>0,5	Life expectancy	30.000

L136   LED DRIVER

Ultrafine Led driver with 6 Led connections and 1 sensor input.
Includes 2mt HV cable.

LED DRIVER

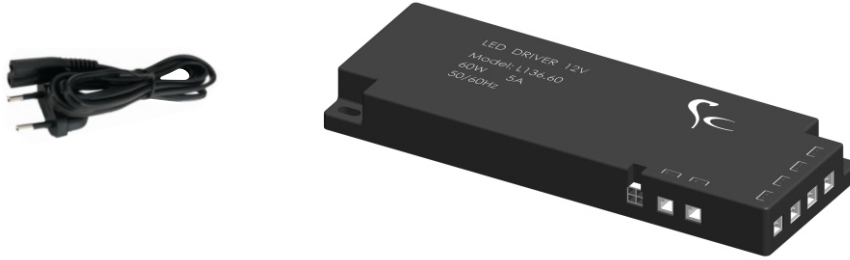| Reference	Description			Voltage	Watts	Measures	Packing
L136.24	Led driver 24w	6 Led connections	1 sensor connect	12V	24w	118 x 52 x 18	3
L136.36	Led driver 36w	6 Led connections	1 sensor connect	12V	36w	138 x 55 x 18	3
L136.60	Led driver 60w	6 Led connections	1 sensor connect	12V	60w	168 x 60 x 20	3
L136.100	Led driver 100w	10 Led connections	1 sensor connect	12V	100w	198 x 60 x 20	3
L136.24.24v	Led driver 24w	6 Led connections	1 sensor connect	24V	24w	118 x 52 x 18	3
L136.36.24v	Led driver 36w	6 Led connections	1 sensor connect	24V	36w	138 x 55 x 18	3
L136.60.24v	Led driver 60w	6 Led connections	1 sensor connect	24V	60w	168 x 60 x 20	3
L136.100.24v	Led driver 100w	10 Led connections	1 sensor connect	24V	100w	198 x 60 x 20	3

Sensors

Reference	Description						Packing
L136.1	Sensor IR on-off						3
L136.2	Sensor IR door						3
L136.2.2	Sensor IR double door						3
L136.3	Sensor PIR presence						3
L136.4	Sensor Hand past						3
L136.5	Sensor Touch dimmer						3

Specifications

Voltage	12v- 24v	Temperature	25°	Frequency	50-60Hz	IP	20
Output	200-240VAC	Temperature max.	80°	Warranty	2 years	Life expectancy	25.000
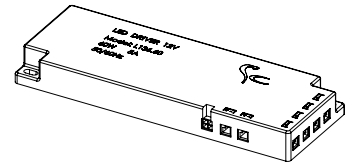
L150-1   CABLE & CONNECTION

Cable with quick connectors.

L215r.tc

L215.u

L150.300

L216.cs

L215.ci

L215.cc

L151.6t
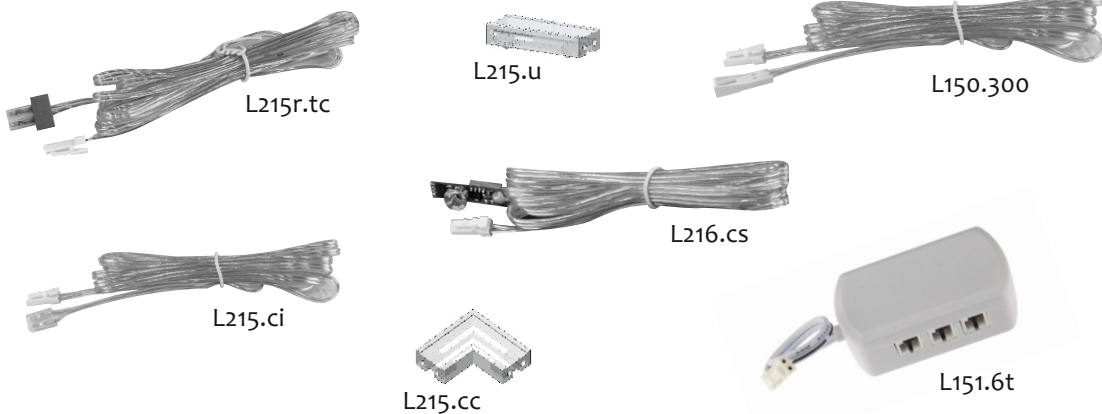
Ref.	Description		W	Packing
L150.150	Extension cable	150cm	72	12
L150.300	Extension cable	300cm	72	12
L151.06t	6 connections box with terminal		72	12
L215r.tc	Cable, caps & connector	200cm	72	24
L215.ci	Cable with inner connector	200cm	72	24
L215.u	Union connector		72	12
L215.cc	Corner connector		72	12
L216.cs	Cable connector & sensor		72	12

Display of Led products of this catalogue.

SMART LED LIGHTING

L136.36 **LED DRIVER 12v**

LED DRIVER 12V
Model: L136.36
36W   3A
50/60Hz

128   45

6 Led output 1 sensor output

L136.1

Drivers:
L136.24	12v	24w	6 c.
L136.36	12v	36w	6 c.
L136.60	12v	60w	6 c.
L136.100	12v	100w	10 c.

Sensors:
L136.1	Sensor IR on-off
L136.2	Sensor 1 door
L136.2-2	Sensor 2 doors
L136.3	Sensor PIR presence
L136.4	Sensor touch

LED SPOTLIGHT

12V / 4W IP45

12V / 6W IP45

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L160.85.3b

PÚLSAR
Options:
L160.160.3	Silver	3000k
L160.160.4b	White	4500k
L160.160.3n	Black	3000k
L160.160.4n	Black	4500k
L160.160.3s	Silver	3000k sensor
L160.160.4bs	White	4500k sensor
L160.160.4s	Silver	4500k sensor
L160.160.4ns	Black	4500k sensor

NOVA
Options:
L160.85.3	Silver	3000k
L160.85.4b	White	4500k
L160.85.3n	Black	3000k
L160.85.4n	Black	4500k
L160.85.3s	Silver	3000k sensor
L160.85.4bs	White	4500k sensor
L160.85.3ns	Black	3000k sensor
L160.85.4ns	Black	4500k sensor

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L160.160.4ns

LED CONTROLLER
LW36sa	Kit controller and remote
LW36s	Controller 144w wireless
LW36w	Controller 144w wifi

LED DRIVER
Model: L136.24   12V
Output: 200-240VAC
Tc: Max.45°C
24W   2A
50/60Hz
Tc: Max.85°C

CABLE & CONNECTIONS:
L150.150	Extension cable 1,5mt
L150.300	Extension cable 3,0mt
L151.06t	6 Led connections box

LWB1B
WALL REMOTE
4 ZONEs   DIMMER

ON   OFF
1 2 3 4

80

sc herrajes®
Quality by Spain

Smart Connector

PATENTED

LWS1B
SURFACE REMOTE
1 ZONE   DIMMER

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VISIÓN   **PROFILES**

L216   **SURFACE LED PROFILE**
12v 8w/mt   Ip45
3000k   4000k

Options:
L216.2500.3	Profile diffuser and Led 3000k	2.50mt
L216.2500.4	Profile diffuser and Led 4000k	2.50mt
L216.tcs	Caps, connector sensor and clips	2.00mt
L216.cs	Cable connector and sensor	2.00mt

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ÉLITE

L215r   **RECESSED LED PROFILE**
12v 8w/mt   Ip45
3000k   4000k

Options:
L215r.4000.3	Profile diffuser and Led 3000k	4,00mt
L215r.2350.4	Profile diffuser and Led 4000k	2,35mt
L215r.tc	Caps, cable and connector	2,00mt

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L215   **SURFACE LED PROFILE**
L215.2350.3	Profile diffuser and Led 3000k	2.35mt
L215.4000.4	Profile diffuser and Led 4000k	4,00mt
L215.tc	Caps, cable connector and clips	2,00mt
L215.ci	Cable with internal connector	2,00mt

TECH

LED CONTROLLER
Model: LW36s
12V-24V 144W 12A

LW36s

LED CONTROLLER
Model: LW36s
12V-24V 144W 12A

L217   **RECESSED LED PROFILE**
12v 8w/mt   Ip45
3000k   4000k

Options:
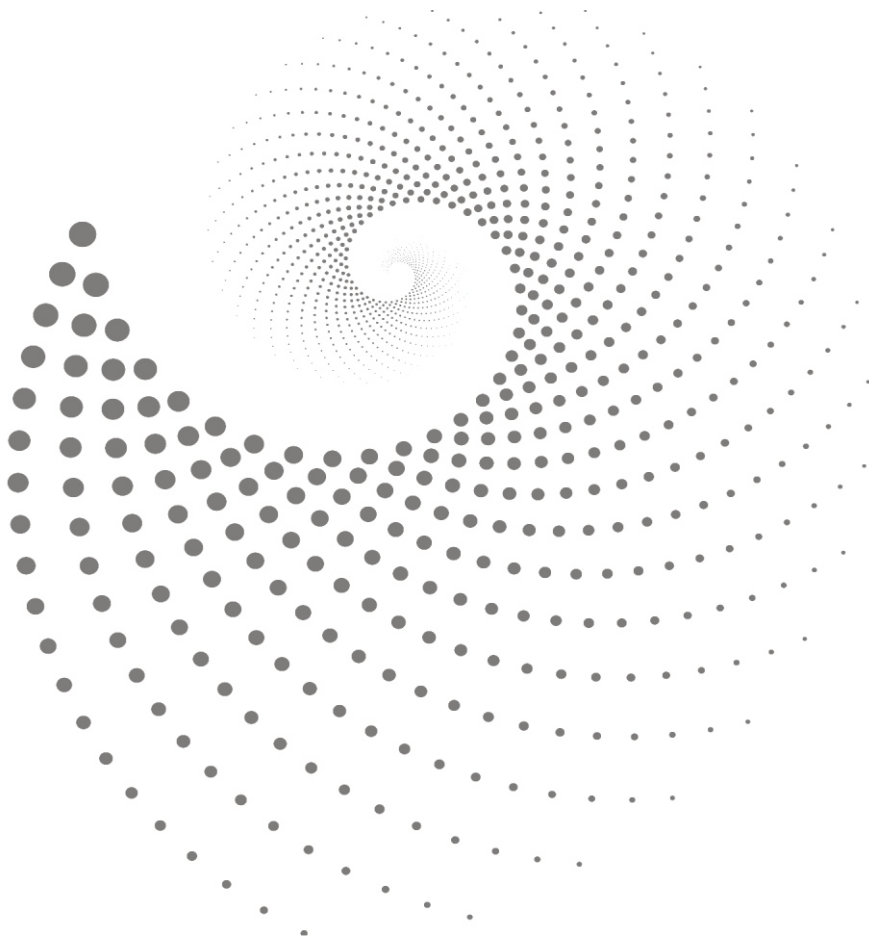|		
L217.2500.3	Profile diffuser and Led 3000k	2.50mt
L217.2500.4	Profile diffuser and Led 4000k	2.50mt
L217.ci	Cable with inverse connector	2,00mt

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notes

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The art of design   **sc** herrajes®

sc herrajes®

Smart Connector

AENOR
ER
Empresa
Registrada
ER-0848/2004

CERTIFIED
QUALITY SYSTEM
IQNet
ISO 9001