

## LINEA

An extension of SHUTTLE.

A solution to display different lighting in a consistent way.

Using the same connecting system to bright up individual area.

Different variety of fixtures are designed for different task of lighting needed.

# LINEA

## LINEA TRACK

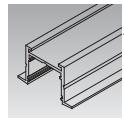


RW

Track

P.85

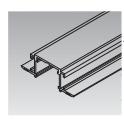
## LINEA PROFILE



LIF

Trim recessed profile

P.85



LIR

Trimless recessed profile

P.85

## LINEA MODULES

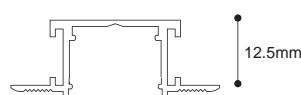
	Series name	LED Consumption	Lumen	P.92
	LINEA-W	2.2W	210 (lm)	
	LINEA-B	4W	320 (lm)	P.93
	SOFT	20W/100W	2100/10500 (lm)	P.94



Drywall installation

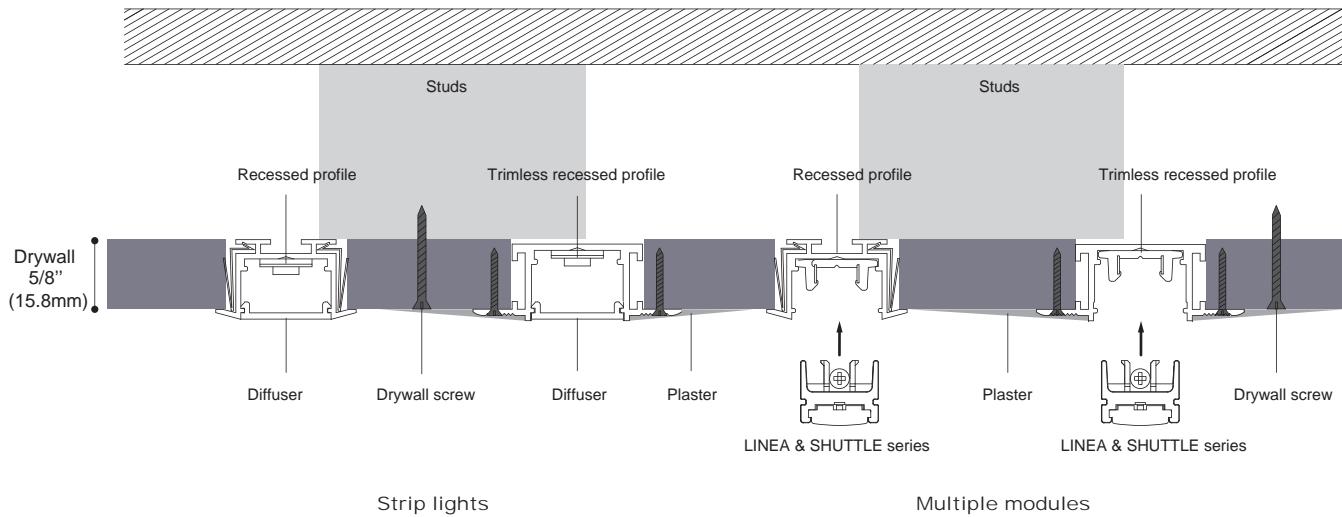


Trim recessed type

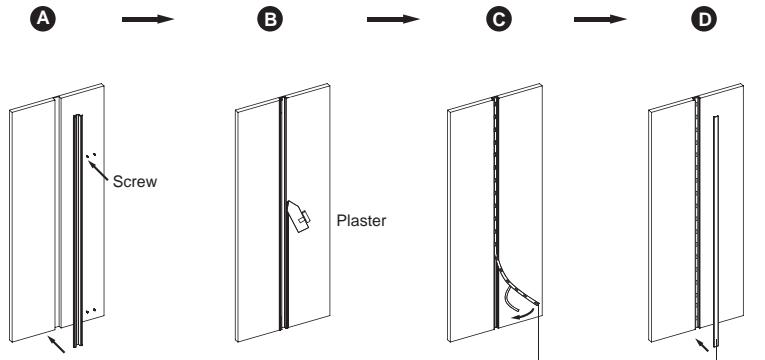
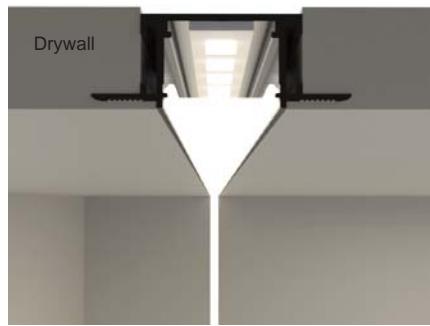


Trimless recessed type

Ultra slim profile can be cut into different length.  
Can use directly with 5/8" drywall.  
Cut the drywall in to the sizes needed for fast installation.



### Strip lights



Secure the profile into the slot with screws.

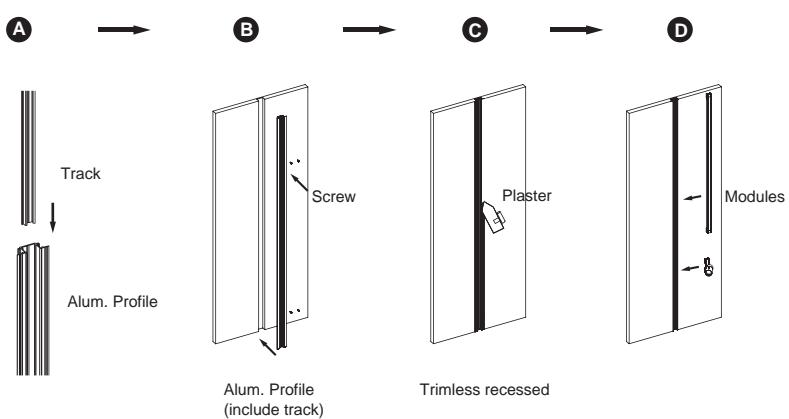
Connect strip lights with driver.

Cut the strip light into needed length.

Peel off the double sided tape and stick on the profile.

Assemble the milky diffuser.

### Multiple modules



Cut the profile & track into the length needed.

Assemble the track into the profile.

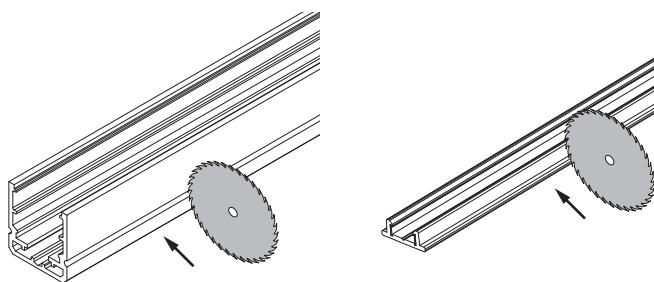
Connect the driver with power cord.

Assemble the required modules on the track.

## LINEA



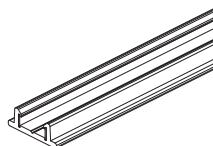
Cut extrusion profile & track



Linea is powered by 24V DC, 180W max driver.  
A second driver is required if exceeds 180W  
Safety is one of the advantage for low voltage  
connecting system.  
Elegant stylish fixtures are also designed for  
multiple tasks with the system.

# LINEA

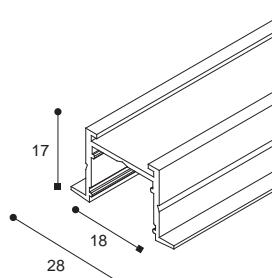
## Track



Track with adhesive tape

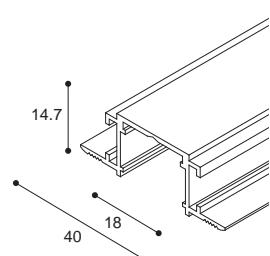
Article number	L
RW-610	1000mm
RW-620	2000mm
RW-630	3000mm

## Profile



Trim recessed profile

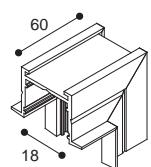
Article number	L
LIF-01	1000mm
LIF-02	2000mm
LIF-03	3000mm



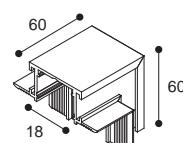
Trimless recessed profile

Article number	L
LIR-01	1000mm
LIR-02	2000mm
LIR-03	3000mm

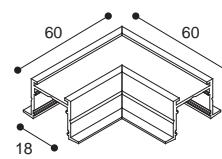
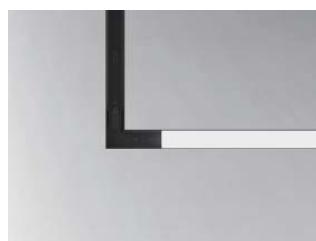
## Accessories



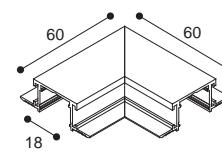
Article number : LIF-05  
Type : Trim recessed vertical corner  
L : 183mm X 183mm



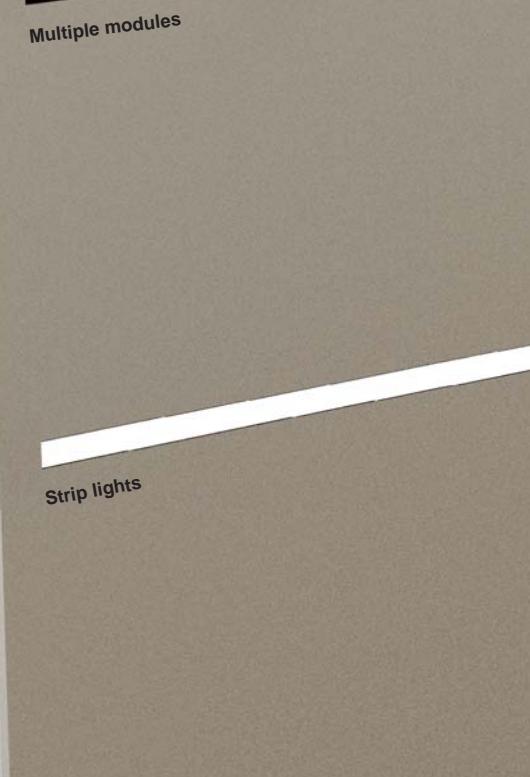
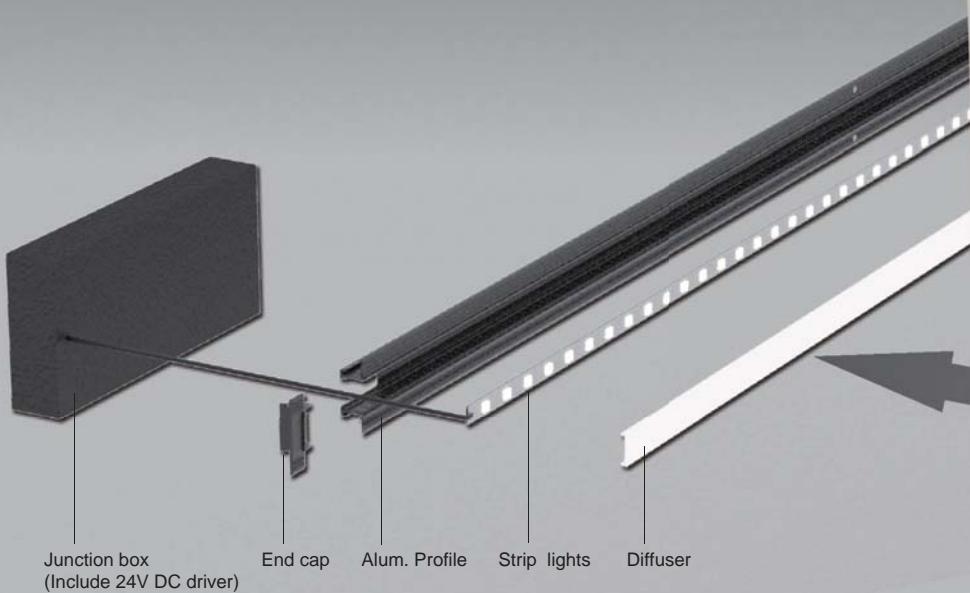
Article number : LIR-05  
Type : Trimless recessed vertical corner  
L : 183mm X 183mm



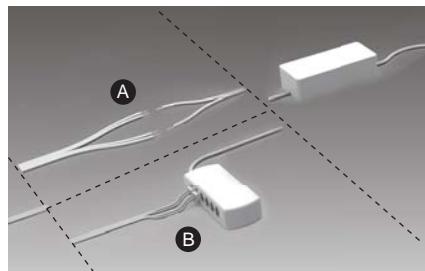
Article number : LIF-04  
Type : Trim recessed horizontal Corner  
L : 183mm X 183mm



Article number : LIR-04  
Type : Trimless recessed horizontal Corner  
L : 183mm X 183mm

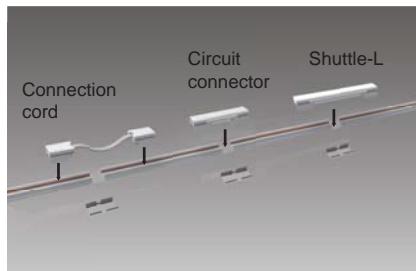


**Junction box (Include 24V DC driver)**



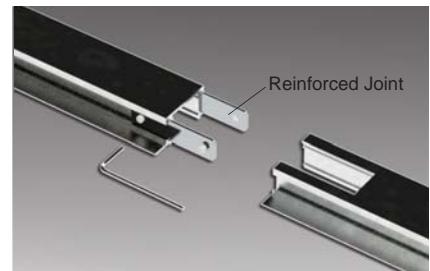
- A** Without quick connector Max. 180W
- B** With quick connector Max.120W

**Track Connection**



When multiple track is required, one of the three connection accessories can be used to continue the circuit.

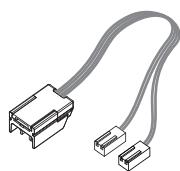
**Alum. Profile connection**



When multiple profile is required, use reinforced joint to connect profiles.

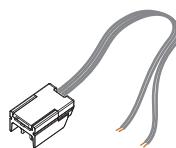
## Accessories specifications

### Power cord



**CP-MOL-27-200**  
Power Cord MOLEX Male Plug  
Length : 200cm

120W in one row



**CP-27-200**  
Power Cord  
Length: 200cm

180W in one row

### Connection cord



**CS-27-15**  
Connection Cord Length:15cm  
**CS-27-30**  
Connection Cord Length:30cm  
**CS-27-60**  
Connection Cord Length:60cm

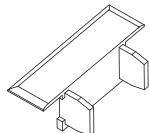
120W in one row

### Circuit connector

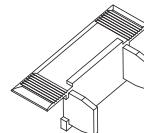


**CSC-27**  
120W in one row

### End cap

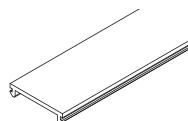


**LIC-01**  
Trim End Cap



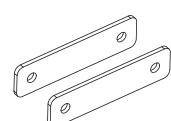
**LIC-02**  
Trimless End Cap

### Cover



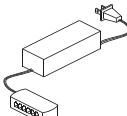
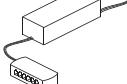
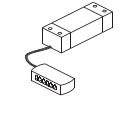
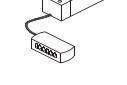
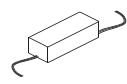
**LIE-01**  
Cover (Milky / Black / Grey)  
Length : 200cm

### Reinforced joint



**LIC-03**  
Reinforced Joint

### Driver

	Article number	I/P Voltage/Hz (V/Hz)	O/P Voltage (VDC)	O/P Current (A)	O/P Power (W)	Dimension (mm)	Junction box	Plug
	GME12A-240050FDS	100-240 / 50-60	24	0.5	12 max.	79 x 38 x 29 (H)	4pin	Yes
	GME36A-240150FDS	100-240 / 50-60	24	1.5	36 max.	97 x 45 x 29 (H)	4pin	Yes
	GME72C-240250FDR	100-240 / 50-60	24	2.5	60 max.	129 x 51 x 35 (H)	6pin	Yes
  								
	AED15-700ILS	100-240 / 50-60	24	0.625	15 max.	112 x 39 x 18 (H)	4pin	No
	AED36-1400ILS	100-240 / 50-60	24	1.25	30 max.	135 x 47 x 26 (H)	4pin	No
	AED60-24VLS	100-240 / 50-60	24	2.5	60 max.	164 x 48 x 29 (H)	6pin	No
  								
	HLG-150H-24	90-305 / 50-60	24	6.3	150 max.	228 x 68 x 39 (H)	No	No
	HLG-240H-24	90-305 / 50-60	24	10	240 max.	244 x 68 x 39 (H)	No	No
  								

## Linea connecting illustration

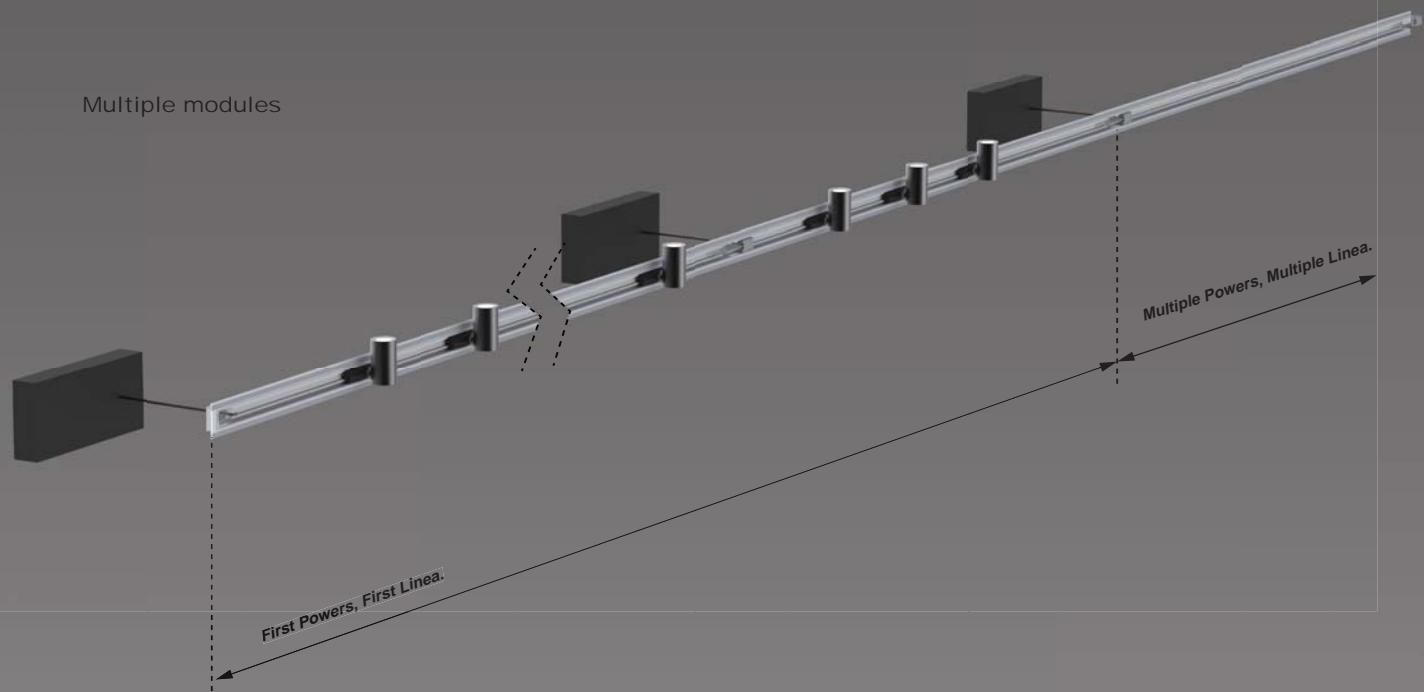
Connect the power cord to driver, click on the quick connector to supply power for Linea system.

24V DC 180W/120W max driver is required to power up the system, a second driver is needed if exceeds 180W/120W.

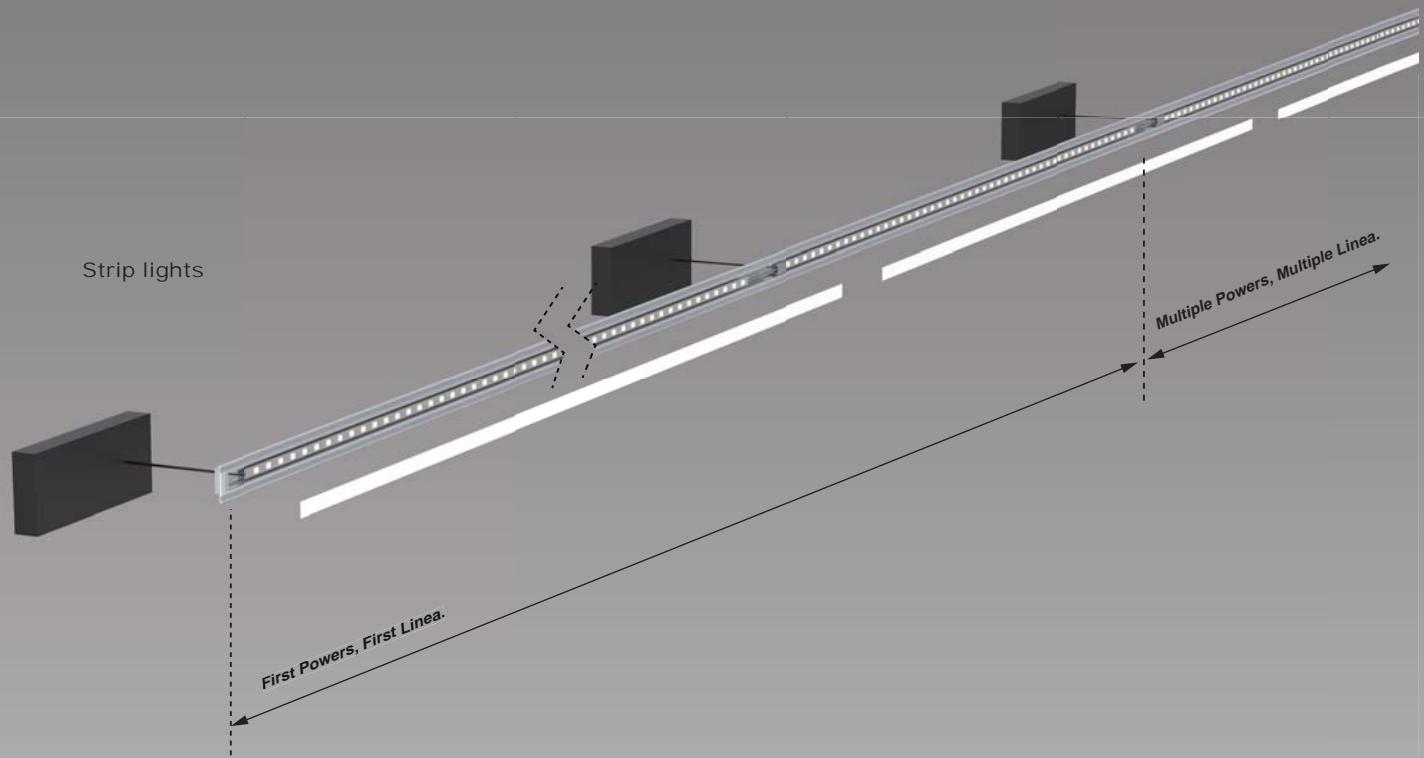
Suggest to use 80% of the driver output, e.g., 120W connects 96W modules.

Each driver to power up each loop, DO NOT interconnect the loops.

Multiple modules

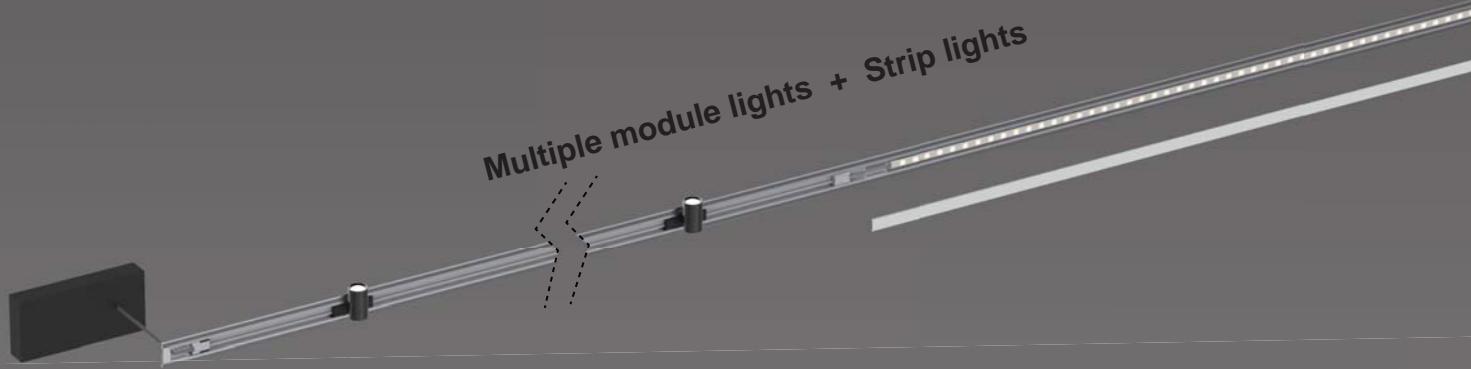


Strip lights

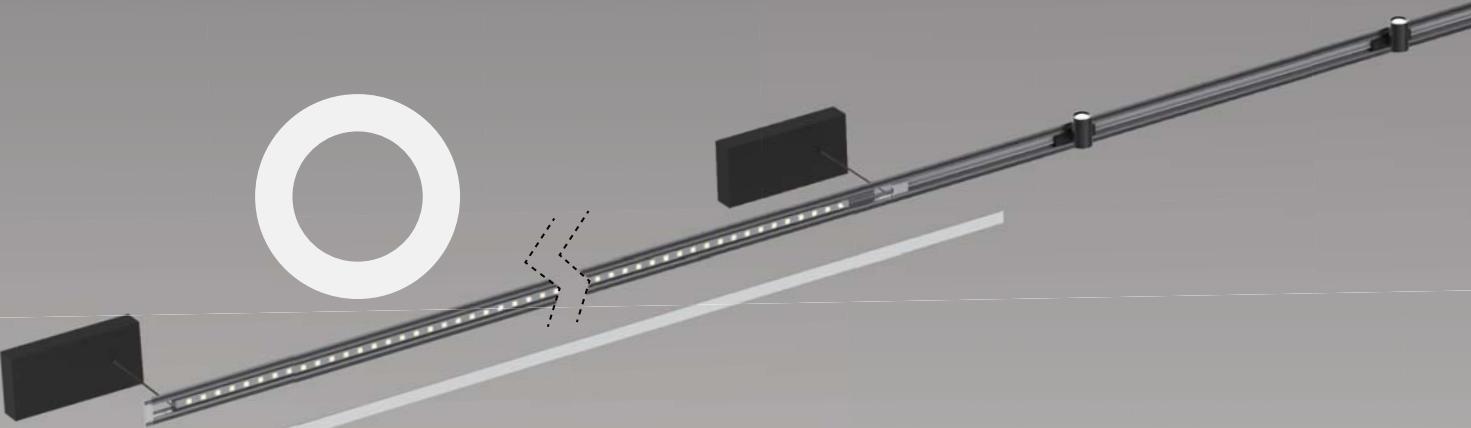
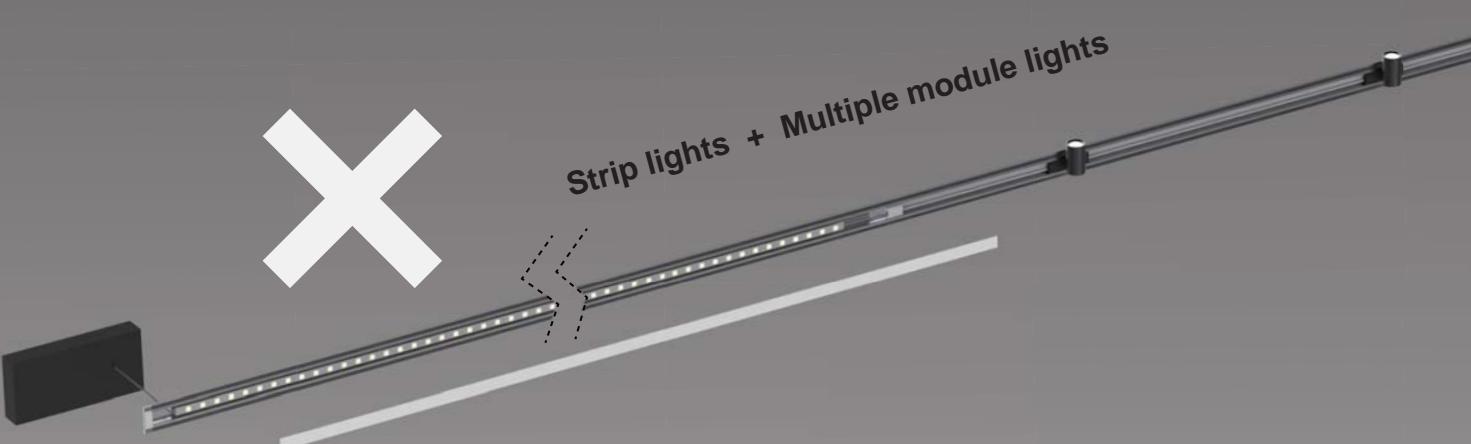


## LINEA multiple module & Strip connection

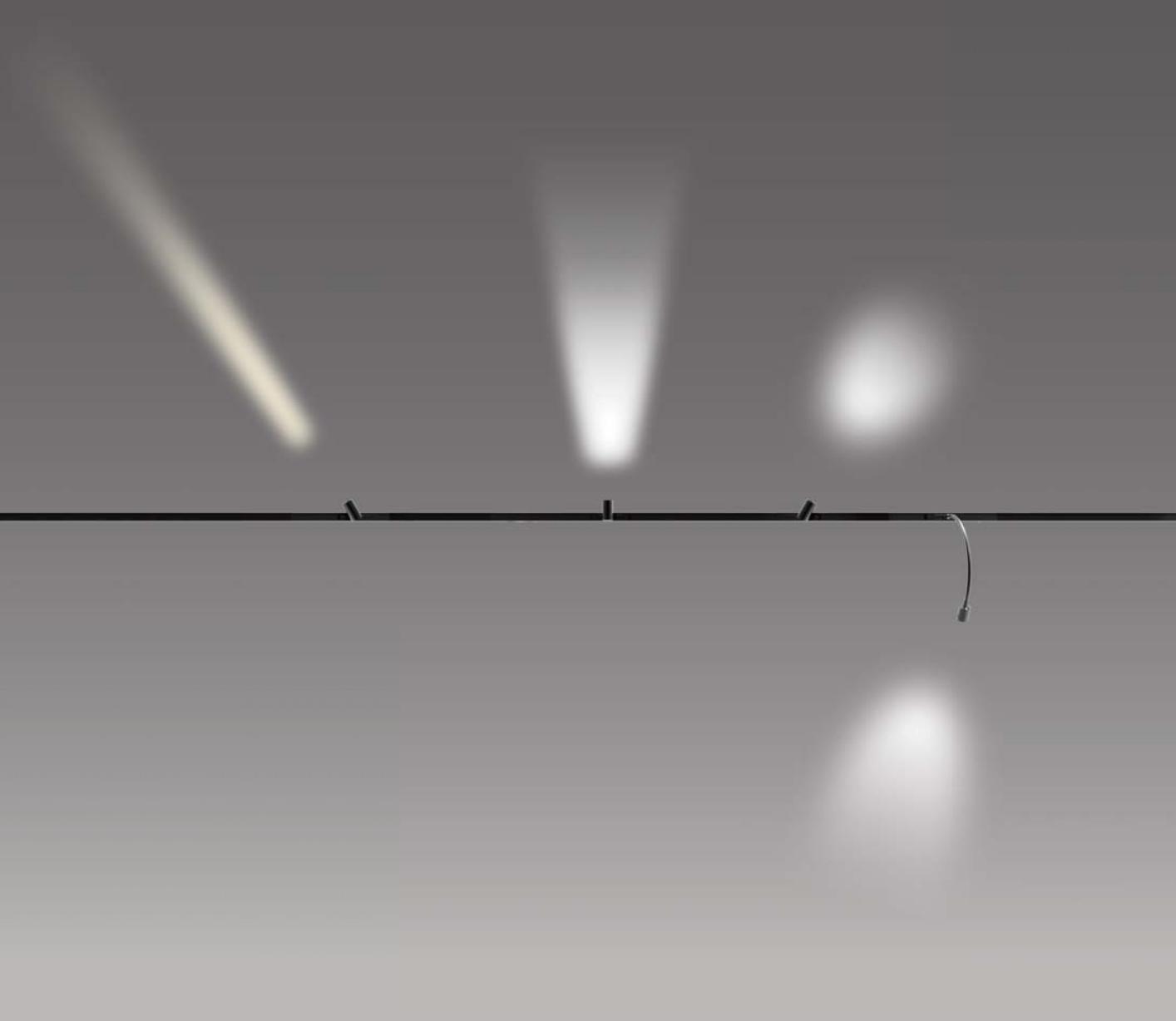
Connect the power cord to driver, click on the quick connector to supply power for Linea system.  
Must connect the Linea module first then the strip lights.



New driver is needed when strip lights are connected first, this is to prevent voltage drop.



## LINEA



## LINEA

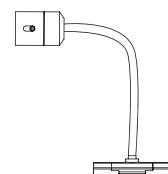
Multiple Linea modules to provide complete multitasking lighting needs.  
Select the required Linea module required, just plug and play to light up the space.



**LINEA-W**  
Wallwash module.



**SHUTTLE-S**  
Available in 1W & 2.2W from  
SHUTTLE series.  
Beam angle changeable by  
adjusting the lever.



**SHUTTLE-N**  
Spot module from SHUTTLE series.  
Bendable tube provides more  
precision spot location.  
Changing beam angle by adjusting  
the lever.



**LINEA-B**  
Ball shape module.



**SHUTTLE-B**  
Round shape module  
from SHUTTLE series.



**SHUTTLE-L**  
Linear module from  
SHUTTLE series.

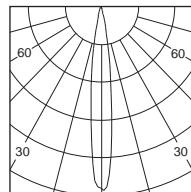
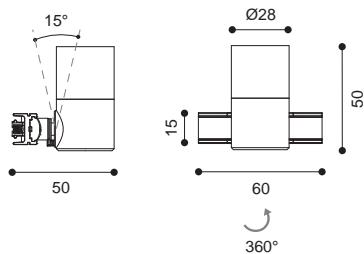


**SHUTTLE-L-S**  
Linear module with  
square diffuser from  
SHUTTLE series.

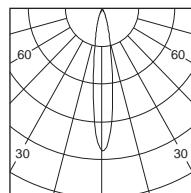


**SOFT**  
Strip light application.

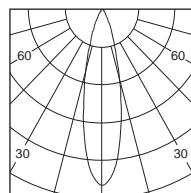
## LINEA-W



$h$ (m)	$D$ (m)	$E$ (lx)
16°		
0.5	0.11	9874
1.0	0.22	2468
1.5	0.34	1097
2.0	0.45	617
2.5	0.57	395



$h$ (m)	$D$ (m)	$E$ (lx)
22°		
0.5	0.13	4310
1.0	0.27	1078
1.5	0.41	478
2.0	0.55	269
2.5	0.69	172



$h$ (m)	$D$ (m)	$E$ (lx)
36°		
0.5	0.21	2488
1.0	0.43	622
1.5	0.65	276
2.0	0.87	155
2.5	1.09	99



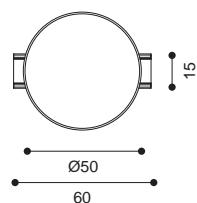
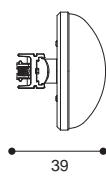
Colours ● Black ● Anodized Alum.

### Product performance

Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1719.215	2.2W	24V DC	210 (lm)	16°/ 22°/ 36°/ 29°x57°	High Power	1	30/80+



## LINEA-B



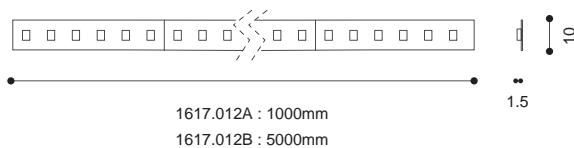
Colours ● ●  
Black Anodized Alum.

### Product performance

Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1768.101	4W	24V DC	320 (lm)	125°	SMD	18	30/80+



# SOFT



## Product performance

Article Number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1617.012A	20W	24V DC	2100(lm)	120°	SMD	120	30/80+
1617.012B	100W	24V DC	10500(lm)	120°	SMD	600	30/80+



