

SHUTTLE system



SHUTTLE

An unique mini track connecting system designed to perform multiple tasks in professional shelf display.

Allowing mini spot, linear, undercabinet fixtures to be freely and easily combined in any location to get your ideal light distribute effect.

Plug and play for easy installation and maintenance, a great method to save labor cost.

Slim and light weight design fixtures showing elegant temperament.



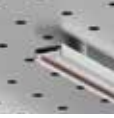
ETL Approved

SHUTTLE

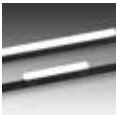
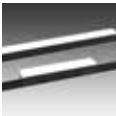
SHUTTLE TRACK

	RW-6-1000	Track	P.73
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SHUTTLE PROFILE

	U-S Extrusion line	Aluminum profile (screw)	P.73
	U Extrusion line	Aluminum profile (screw)	P.73
	L Extrusion corner	Aluminum profile L (screw)	P.73
	U-S-M Extrusion line	Aluminum profile (magnet)	P.73
	U-M-V Extrusion line	Aluminum profile (magnet)	P.73
	U-M-H Extrusion line	Aluminum profile (magnet)	P.73

SHUTTLE MODULES

		Series name	LED Consumption	Lumen	P.74
		SHUTTLE-L	1.1W 4.2W 8W	110 (lm) 330 (lm) 660 (lm)	
		SHUTTLE-L-S	1.1W 4.2W 8.0W	110 (lm) 330 (lm) 660 (lm)	P.75
		SHUTTLE-L-D	1.1W 4.2W 8W	110 (lm) 330 (lm) 660 (lm)	P.76
		SHUTTLE-B	4W	200 (lm)	P.77
		SHUTTLE-S	1.2W 2.7W	50~70 (lm) 50~70 (lm)	P.78
		SHUTTLE-S-F	2.7W	210 (lm)	P.79
		SHUTTLE-N	2.7W	50~70 (lm)	P.80
		SHUTTLE-J			P.82
		SHUTTLE-C			P.83

SHUTTLE Track mounting

Smooth surface like glass, marble, etc., can be secured by adhesive tape



Rough surface like wood, aluminum, steel etc., can be secured by screws



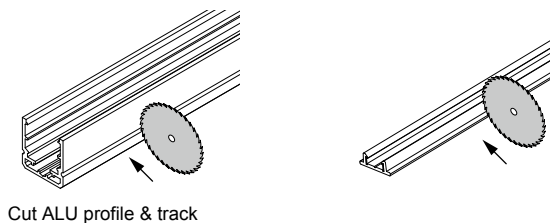
Steel (Magent)



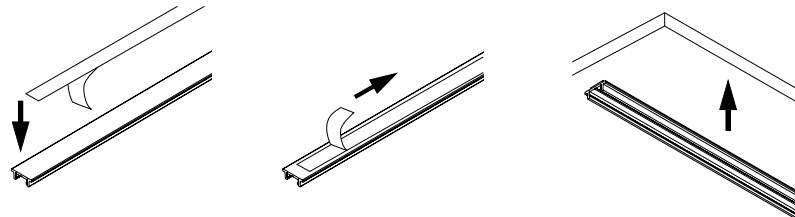
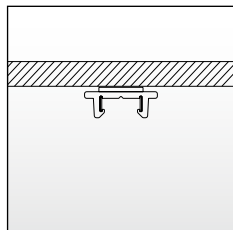
Steel (Magent)



SHUTTLE Track mounting

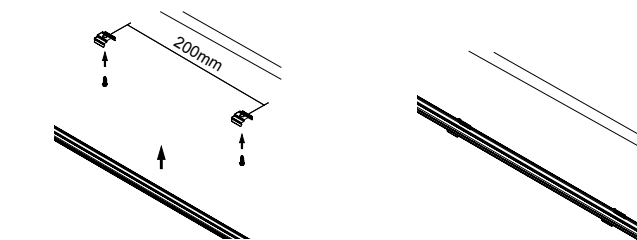
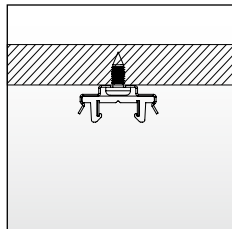
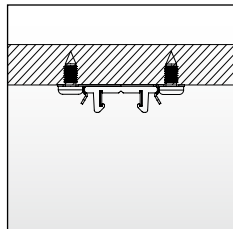


Track (Adhesive tape)



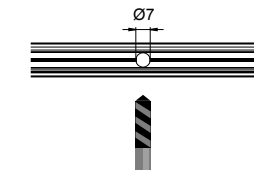
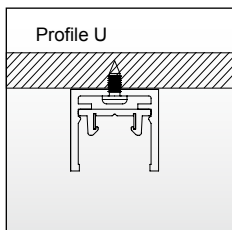
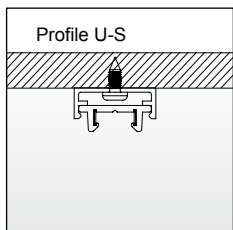
Apply adhesive tape on the back of the track, then stick onto the smooth surface.

Track (Mounting clip)

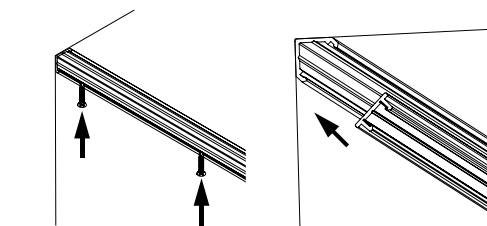
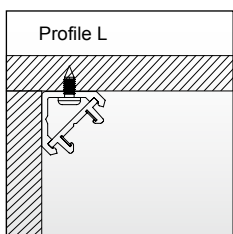


Distance between clips is 200mm, secure the clips with screw then click the track on the clips.

Aluminum profile (screw)

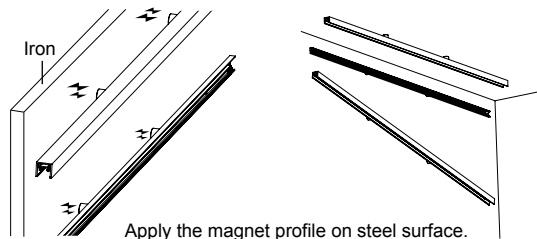
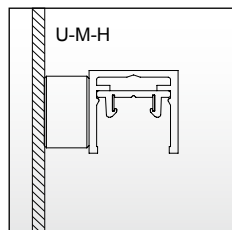
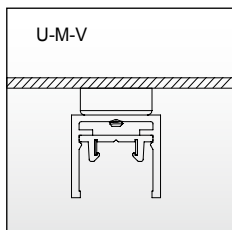
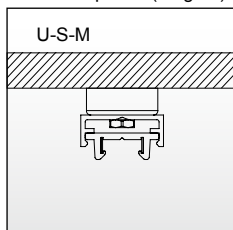


Pre-drill 7mm holes on the aluminum profile, secure the profile with screws on the surface, the height of the screw head shall not exceed 2mm.



Secure the profile with screw, the height of the screw head shall not exceed 2mm.

Aluminum profile (magnet)



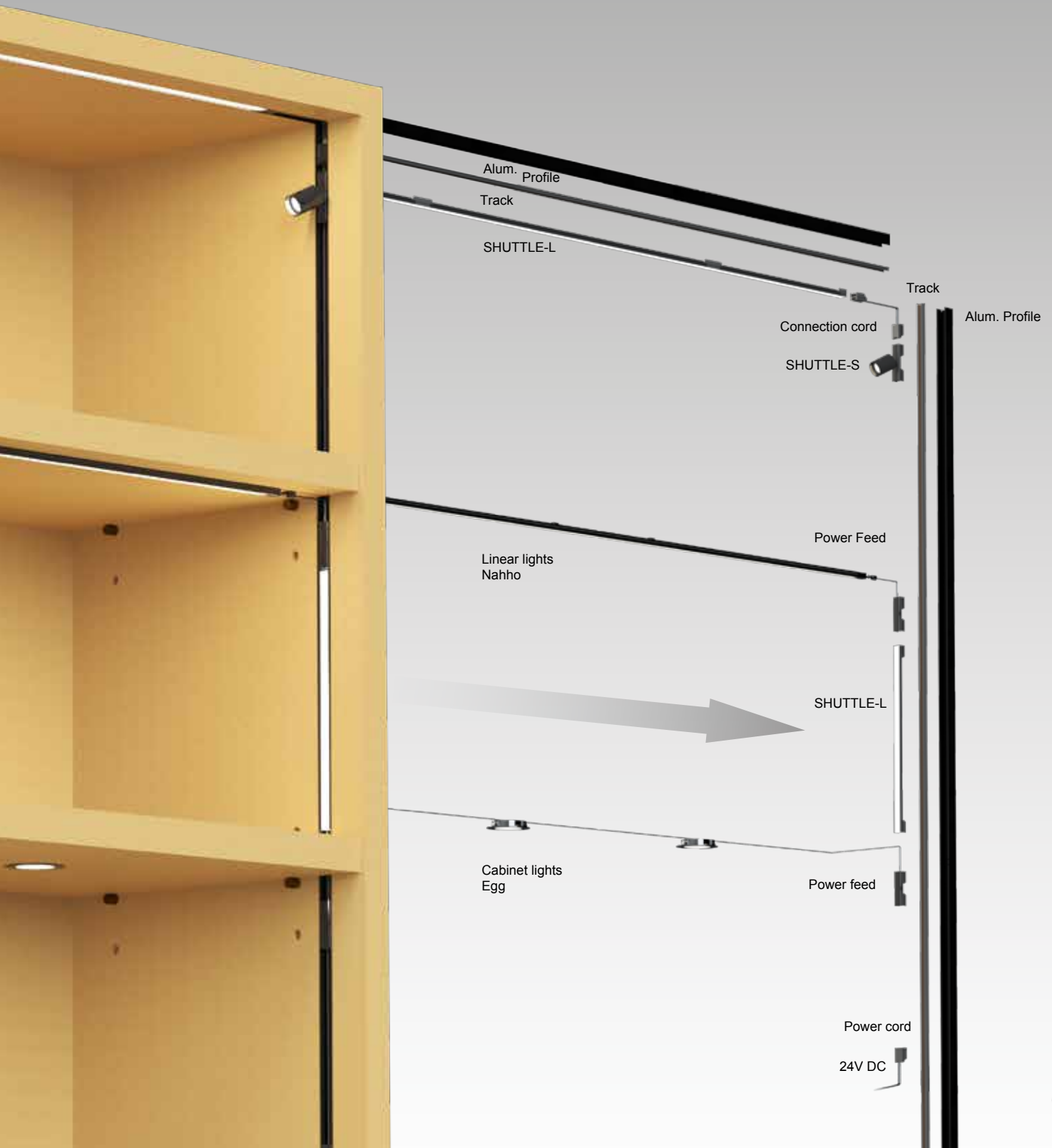
SHUTTLE

Suitable for display shelves, and / or with movable laminates, or small area lighting. Tracks can be installed inside the extruded profile, making installation easy. Power feed can be added for other 24V DC fixtures not installed on the track. Making SHUTTLE a connecting system.



SHUTTLE

Below is a exploded illustration, tracks can be linked via connection cord,
Power feed can also be used for fixtures installed away from the track.
To build up the lighting environment needed.



SHUTTLE assemble system

Max wattage connection is suggested to be 80% of the driver's max. output wattage

When the max. wattage exceeds the driver's output wattage, new driver and track is needed.

without quick connector – Max. 180W

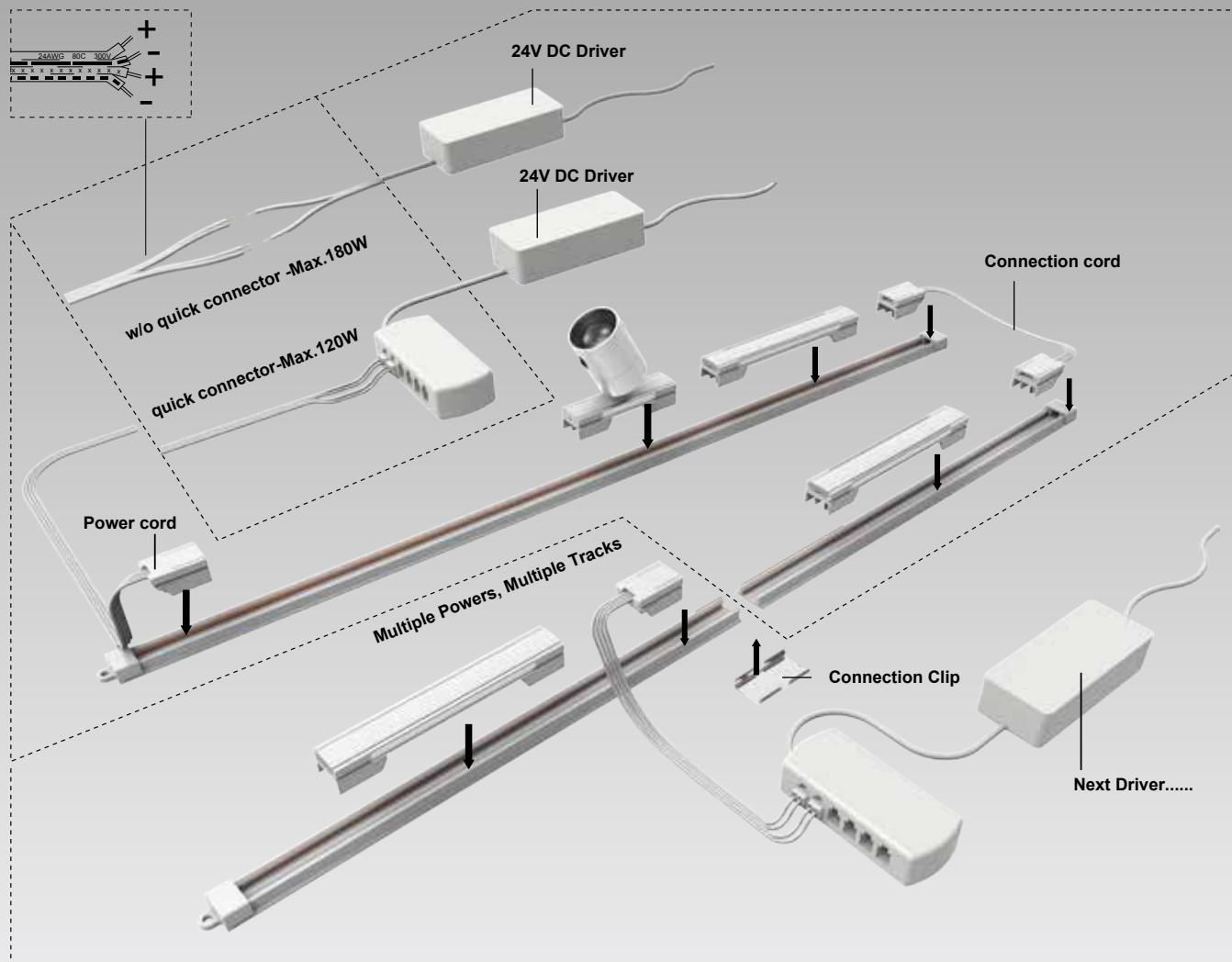
quick connector – Max. 120W

ETL Standard

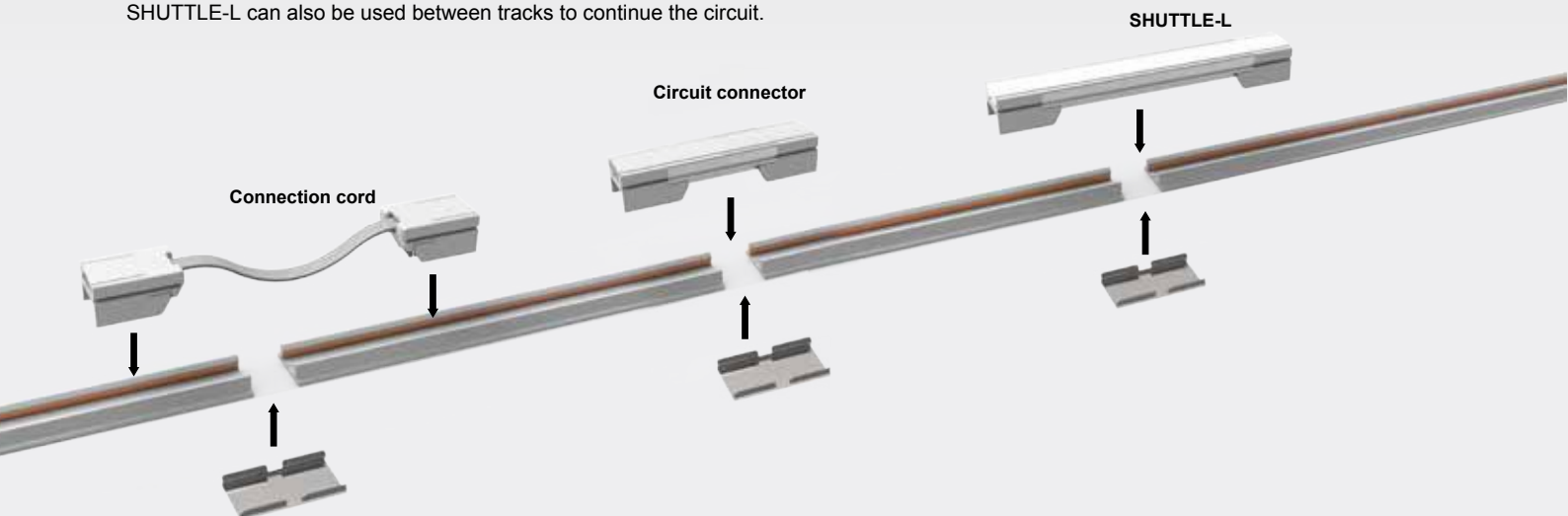
Only connect to adjacent units ,100W Maximum.

Conform to UL STD. 2108 , Certified to CSA STD. C22.2 NO. 9.0.

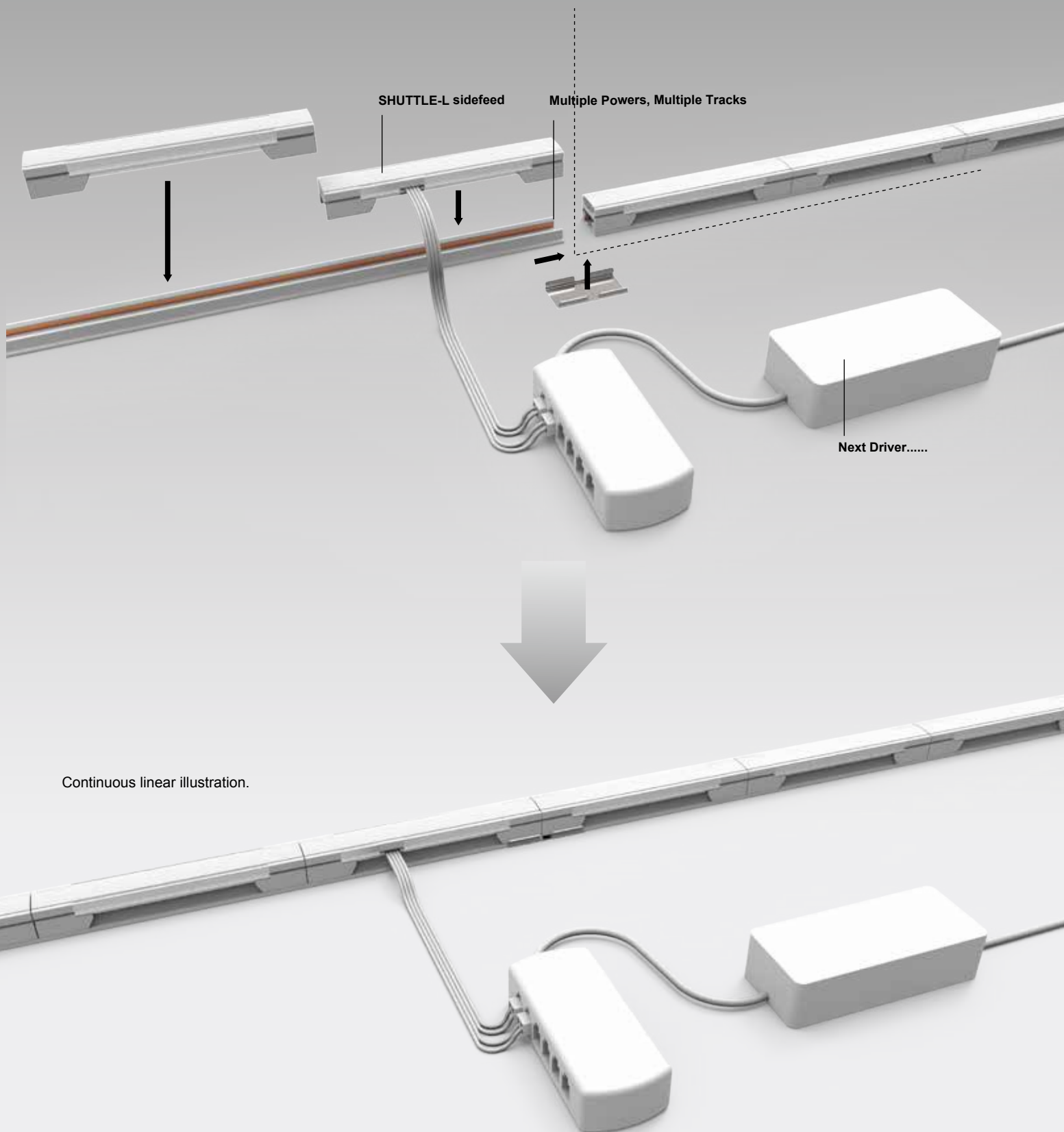
Use only with CLASS 2 power unit.



SHUTTLE-L can also be used between tracks to continue the circuit.



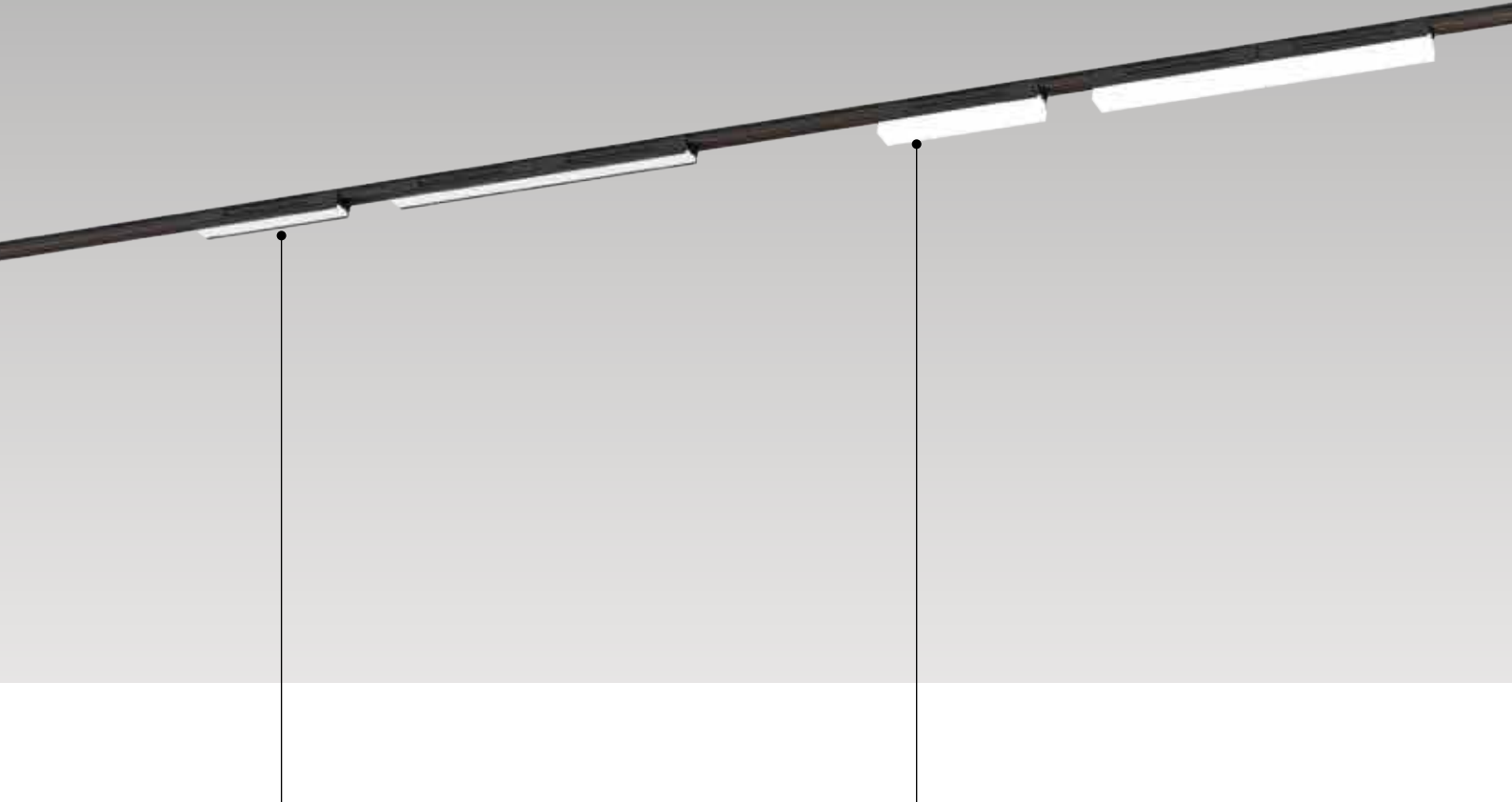
When maximum wattage has been reached, a sidefeed, new track and driver is needed to supply more power for continuous connection. SHUTTLE-L sidefeed can be used on one end of the new track for continuous linear light.



Continuous linear illustration.

SHUTTLE

SHUTTLE fixtures can be clipped onto the track, tools-free, easy installation & maintenance.



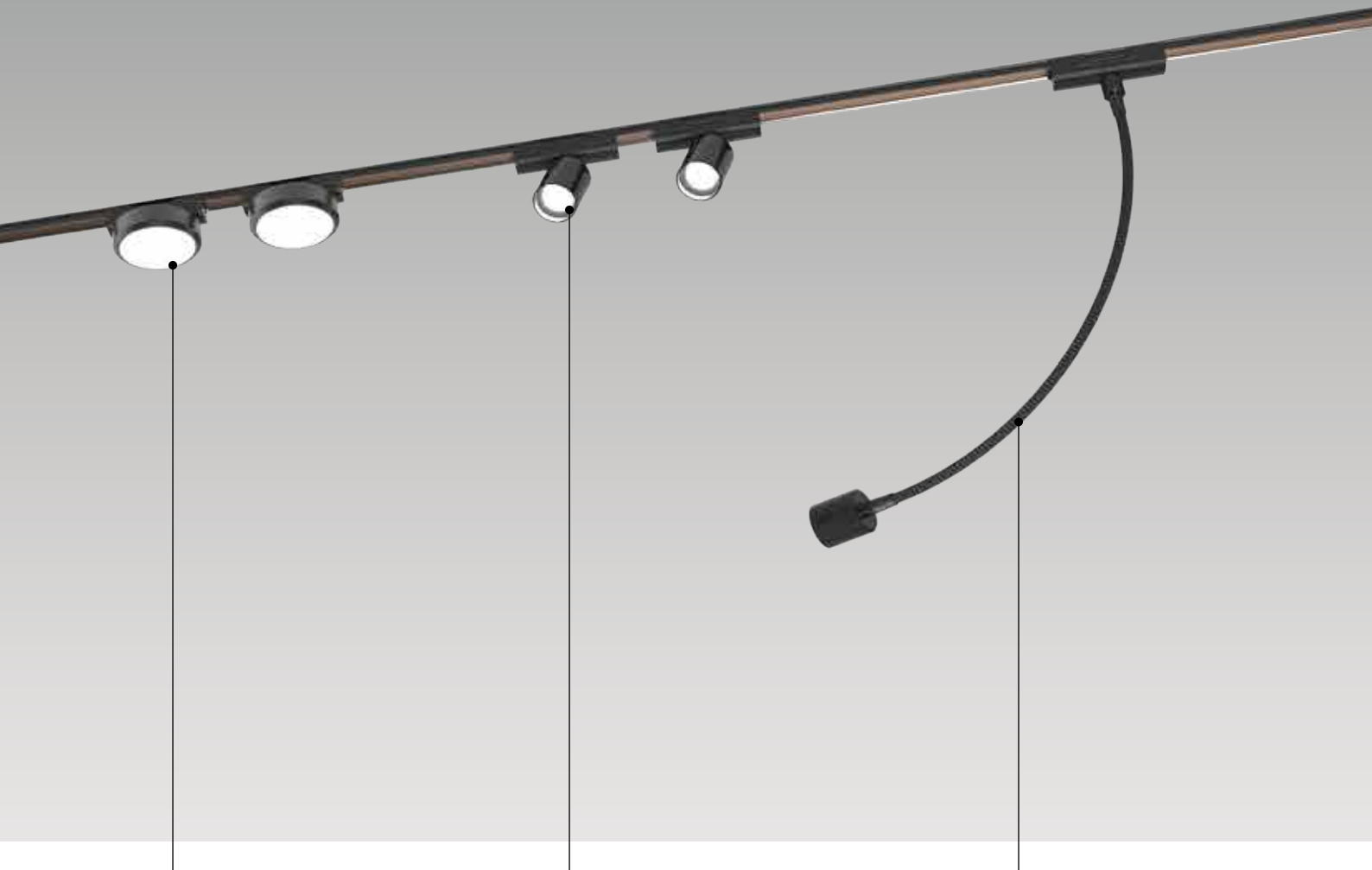
SHUTTLE-L

Seamless design to make continuous lighting.
Plug and play feature to repositioning the fixtures anywhere along the track.



SHUTTLE-L-S

Seamless design with square diffuser



SHUTTLE-B

Round module with dots-free effect

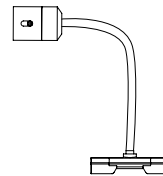


SHUTTLE-S

Available in 1W and 2.2W, changing beam angle by adjusting the lever.

SHUTTLE-S-F

2.2W spot light with higher output.



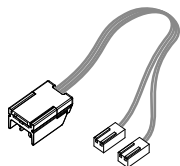
SHUTTLE-N

Bendable tube provides more precision spot location. changing beam angle by adjusting the lever.

SHUTTLE

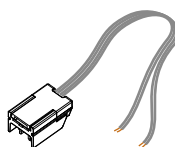
Accessories specifications

Power cord



CP-MOL-27-200
Power cord MOLEX male plug
Length: 200cm

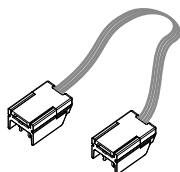
120W in one row



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

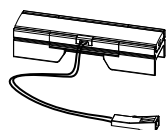
120W in one row

Circuit connector



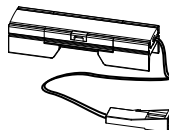
CSC-27
120W in one row

Power feed



CSP-27-60
(Sidefeed)
I/P: 24V DC, O/P: 24V DC
Connection cord with top female plug
Length:60cm

50W Max. Connection



CSP-A-27-60
(Endfeed)
I/P: 24V DC, O/P: 24V DC
Connection cord with top female plug
Length:60cm

50W Max. Connection

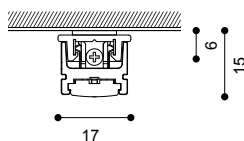
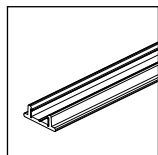


SHUTTLE

Accessories specifications

Colours  Black  Grey

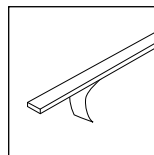
Track



Article number	L
RW-6-1000	1000mm
RW-6-2000	2000mm
RW-6-3000	3000mm

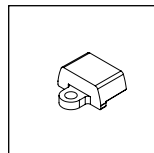
Track with adhesive tape

Adhesive tape



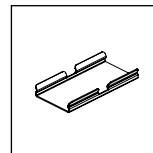
Article number	L
BR-0011	1000mm
3M tape	

End cap



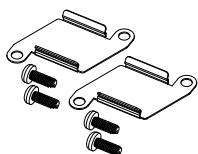
PC-0190

Connection Clip

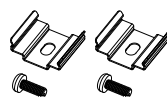
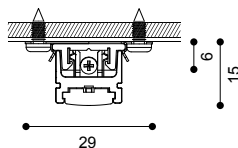


NS-0590

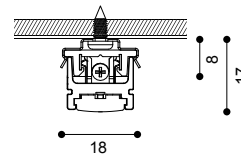
Clips



NS-0588
Fixed clip (standard)

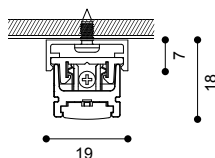
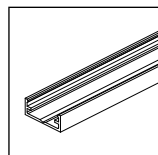


NS-0589
Fixed clip (optional)



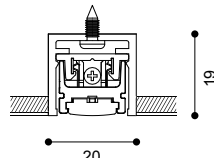
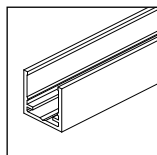
Alum. profile

Colours  Black  Anodized Alum.



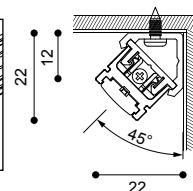
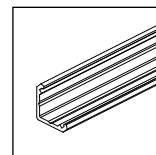
Article number	L
SHT-01-1000	1000mm
SHT-01-2000	2000mm
SHT-01-3000	3000mm

U-S Extrusion line



Article number	L
SHT-02-1000	1000mm
SHT-02-2000	2000mm
SHT-02-3000	3000mm

U Extrusion line

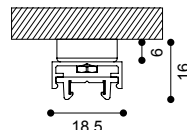
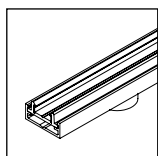


Article number	L
SHT-03-1000	1000mm
SHT-03-2000	2000mm
SHT-03-3000	3000mm

L Extrusion corner

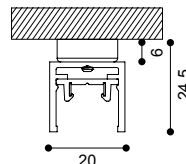
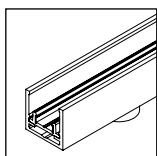
Alum. Profile with magnet

Colours  Black  Anodized Alum.



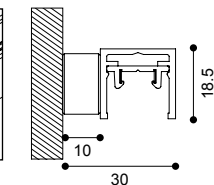
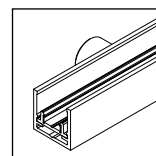
Article number	L
SHT-04-1000	1000mm
SHT-04-2000	2000mm
SHT-04-3000	3000mm

U-S-M Extrusion line



Article number	L
SHT-05-1000	1000mm
SHT-05-2000	2000mm
SHT-05-3000	3000mm

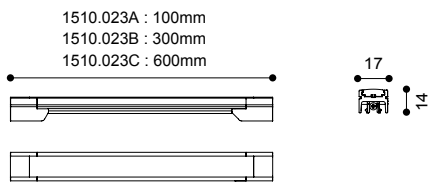
U-M-V Extrusion line



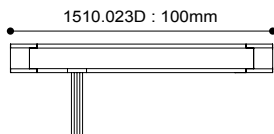
Article number	L
SHT-06-1000	1000mm
SHT-06-2000	2000mm
SHT-06-3000	3000mm

U-M-H Extrusion line

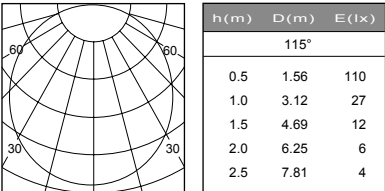
SHUTTLE-L



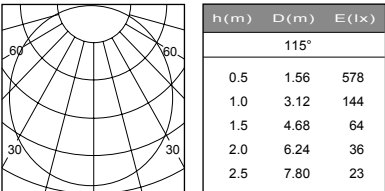
Sidefeed



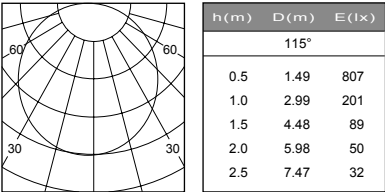
1510.023A.3BTA



1510.023B.3BTA



1510.023C.3BTA



Colours

Black

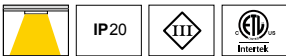
Anodized Alum.

Product performance

Article number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1510.023A	1.1 W	24V DC	110 (lm)	115°	SMD	14	30/80+
1510.023B	4.2 W	24V DC	330 (lm)	115°	SMD	42	30/80+
1510.023C	8.0 W	24V DC	660 (lm)	115°	SMD	84	30/80+

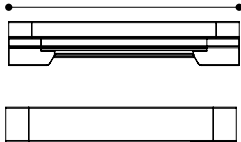
Sidefeed

1510.023D	1.1 W	24V DC	110 (lm)	115°	SMD	14	30/80+
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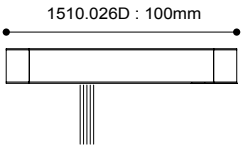
SHUTTLE-L-S

1510.026A : 100mm
1510.026B : 300mm
1510.026C : 600mm

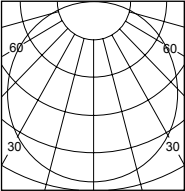


dot-free, seamless design

Sidefeed

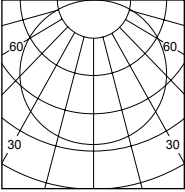


1510.026A.3BTA



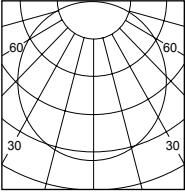
h (m)	D (m)	E (lx)
130°		
0.5	1.62	91
1.0	3.25	22
1.5	4.88	10
2.0	6.51	5
2.5	8.13	3

1510.026B.3BTA



h (m)	D (m)	E (lx)
130°		
0.5	1.51	463
1.0	3.02	115
1.5	4.53	51
2.0	6.05	28
2.5	7.56	18

1510.026C.3BTA

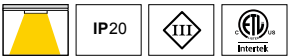


h (m)	D (m)	E (lx)
130°		
0.5	1.50	666
1.0	3.00	166
1.5	4.51	74
2.0	6.01	41
2.5	7.51	26

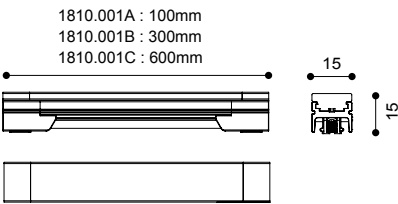
Colours  Black  Anodized Alum.

Product performance

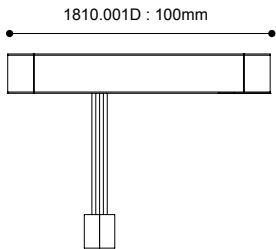
Article number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1510.026A	1.1 W	24V DC	110 (lm)	130°	SMD	14	30/80+
1510.026B	4.2 W	24V DC	330 (lm)	130°	SMD	42	30/80+
1510.026C	8.0 W	24V DC	660 (lm)	130°	SMD	84	30/80+
Sidefeed							
1510.026D	1.1 W	24V DC	110 (lm)	130°	SMD	14	30/80+



SHUTTLE-L-D



Sidefeed

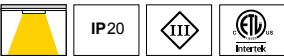


dot-free, seamless design

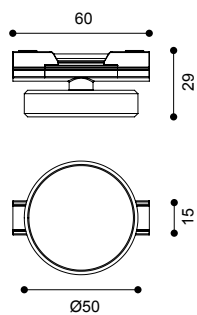
Colours  
Black Anodized Alum.

Product performance

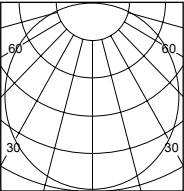
Article number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1810.001A	1.1 W	24V DC	110 (lm)	130°	SMD	21	30/80+
1810.001B	4.2 W	24V DC	330 (lm)	130°	SMD	63	30/80+
1810.001C	8.0 W	24V DC	660 (lm)	130°	SMD	126	30/80+
Sidefeed							
1810.001D	1.1 W	24V DC	110 (lm)	130°	SMD	21	30/80+



SHUTTLE-B



1768.100.3BTA

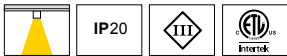


h(m)	D(m)	E(lx)
113°		
0.5	1.53	259
1.0	3.07	64
1.5	4.61	28
2.0	6.15	16
2.5	7.69	10

Colours  Black  Anodized Alum.

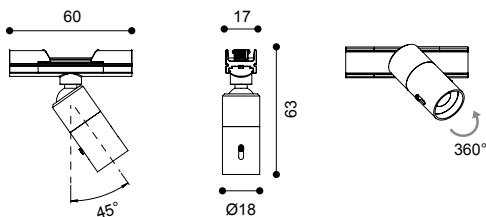
Product performance

Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1768.100	4 W	24V DC	200 (lm)	113°	SMD	48	30/80+

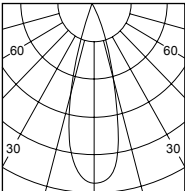


SHUTTLE-S

1619.200

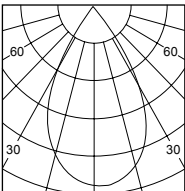


Zoom in 30°



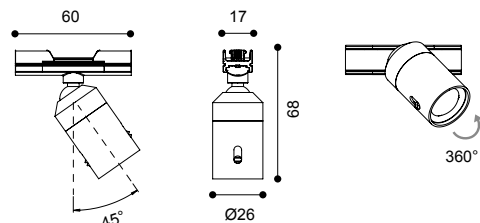
h (m)	D (m)	E (lx)
30°		
0.5	0.24	761
1.0	0.49	190
1.5	0.74	84
2.0	0.98	47
2.5	1.23	30

Zoom out 55°

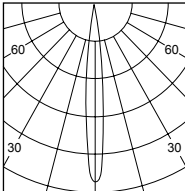


h (m)	D (m)	E (lx)
55°		
0.5	0.51	370
1.0	1.02	92
1.5	1.53	41
2.0	2.04	23
2.5	2.55	14

1619.205

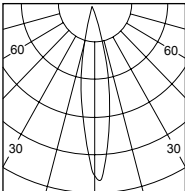


Zoom in 8°



h (m)	D (m)	E (lx)
8°		
0.5	0.07	7254
1.0	0.14	1814
1.5	0.21	806
2.0	0.28	453
2.5	0.36	290

Zoom out 20°

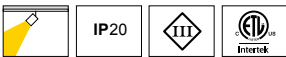


h (m)	D (m)	E (lx)
20°		
0.5	0.16	2351
1.0	0.33	587
1.5	0.50	261
2.0	0.67	146
2.5	0.83	94

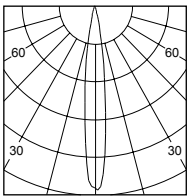
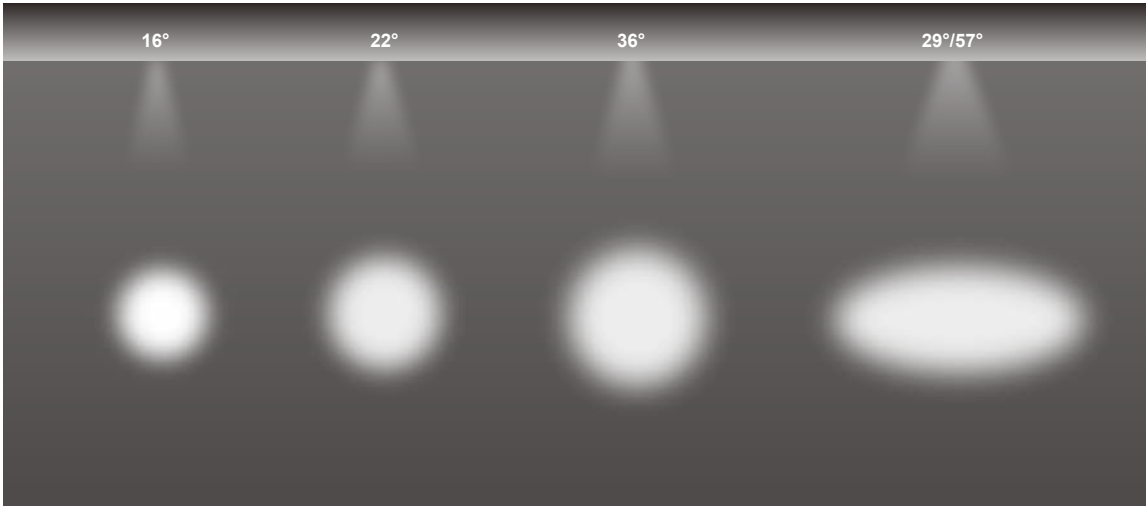
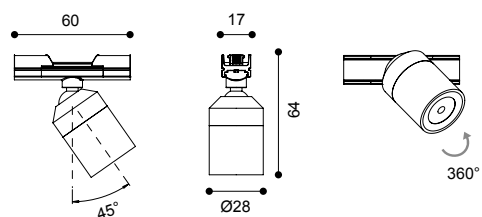
Product performance

Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1619.200	1.2 W	24V DC	50~70 (lm)	30°-55°	High Power	1	30/80+
1619.205	2.7 W	24V DC	50~70 (lm)	8°-20°	High Power	1	30/80+

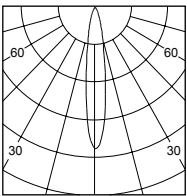
Colours  Black  Anodized Alum.



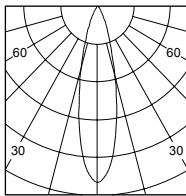
SHUTTLE-S-F



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

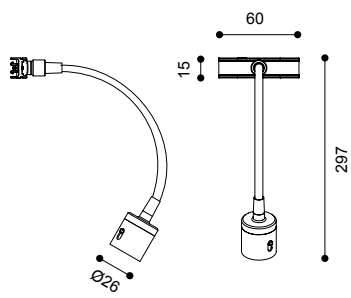
Colours  
Black Anodized Alum.

Product performance

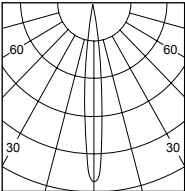
Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1719.209	2.7 W	24V DC	210 (lm)	16°/ 22°/ 36°/ 29°x57°	High Power	1	30/80+



SHUTTLE-N

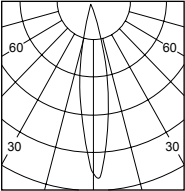


Zoom in 8°



h (m)	D (m)	E (lx)
8°		
0.5	0.07	7254
1.0	0.14	1814
1.5	0.21	806
2.0	0.28	453
2.5	0.36	290

Zoom out 20°



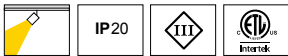
h (m)	D (m)	E (lx)
20°		
0.5	0.16	2351
1.0	0.33	587
1.5	0.50	261
2.0	0.67	146
2.5	0.83	94



Colours  Black

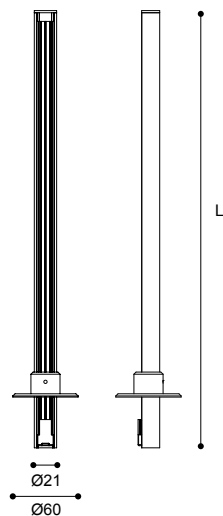
Product performance

Article Number	LED Consumption	Voltage	System Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1617.502	2.7 W	24V DC	50~70 (lm)	8°-20°	High Power	1	30/80+





SHUTTLE – J



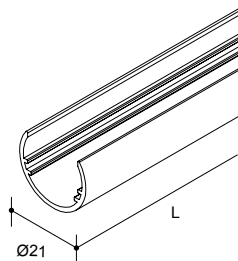
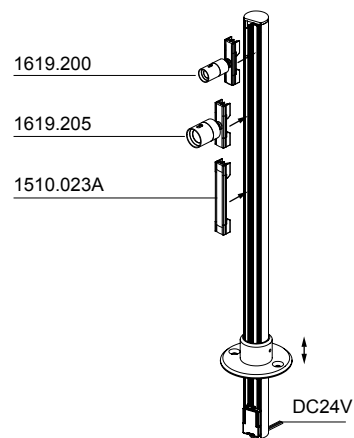
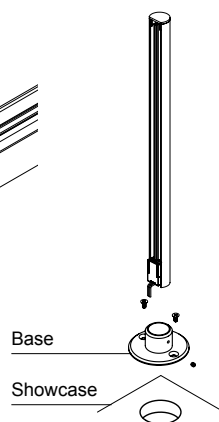
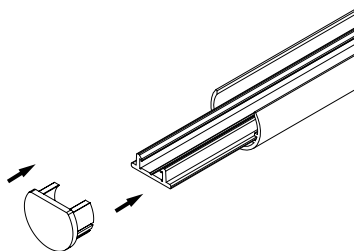
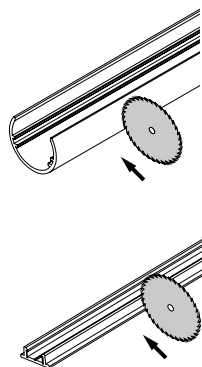
Article number	L
SHT-07-0354	354mm
SHT-07-0504	504mm



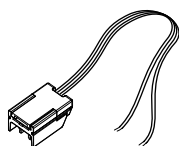
Colours  
Black Anodized Alum.



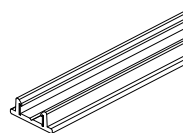
Cut extrusion pole & power supply track



Accessories



Models : CP-27-200
Type : Power cord
Wire Length : 200cm



Models : RW-6-1000
Type : Power supply track 1000mm
Models : RW-6-2000
Type : Power supply track 2000mm

Product performance

Number	L
STJ-01-0500	500mm
STJ-01-1000	1000mm
STJ-01-2000	2000mm

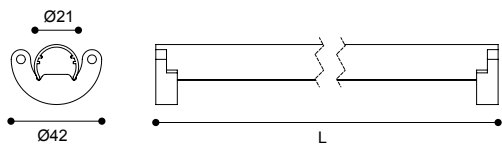


Models : STI-01
Type : Base



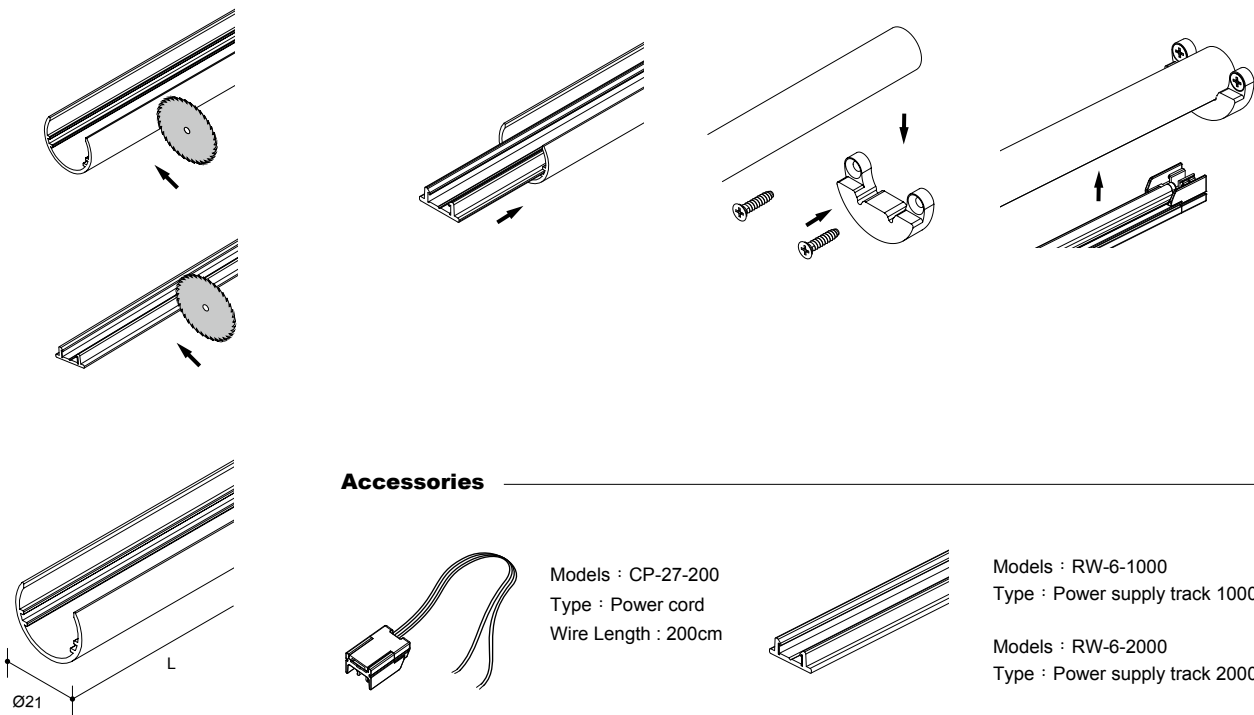
Models : STC-01
Type : End cap

SHUTTLE – C

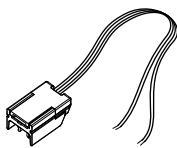


Colours  
Black Anodized Alum.

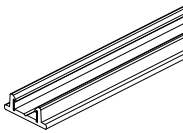
Cut extrusion pole & power supply track



Accessories



Models : CP-27-200
Type : Power cord
Wire Length : 200cm

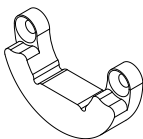


Models : RW-6-1000
Type : Power supply track 1000mm

Models : RW-6-2000
Type : Power supply track 2000mm

Product performance

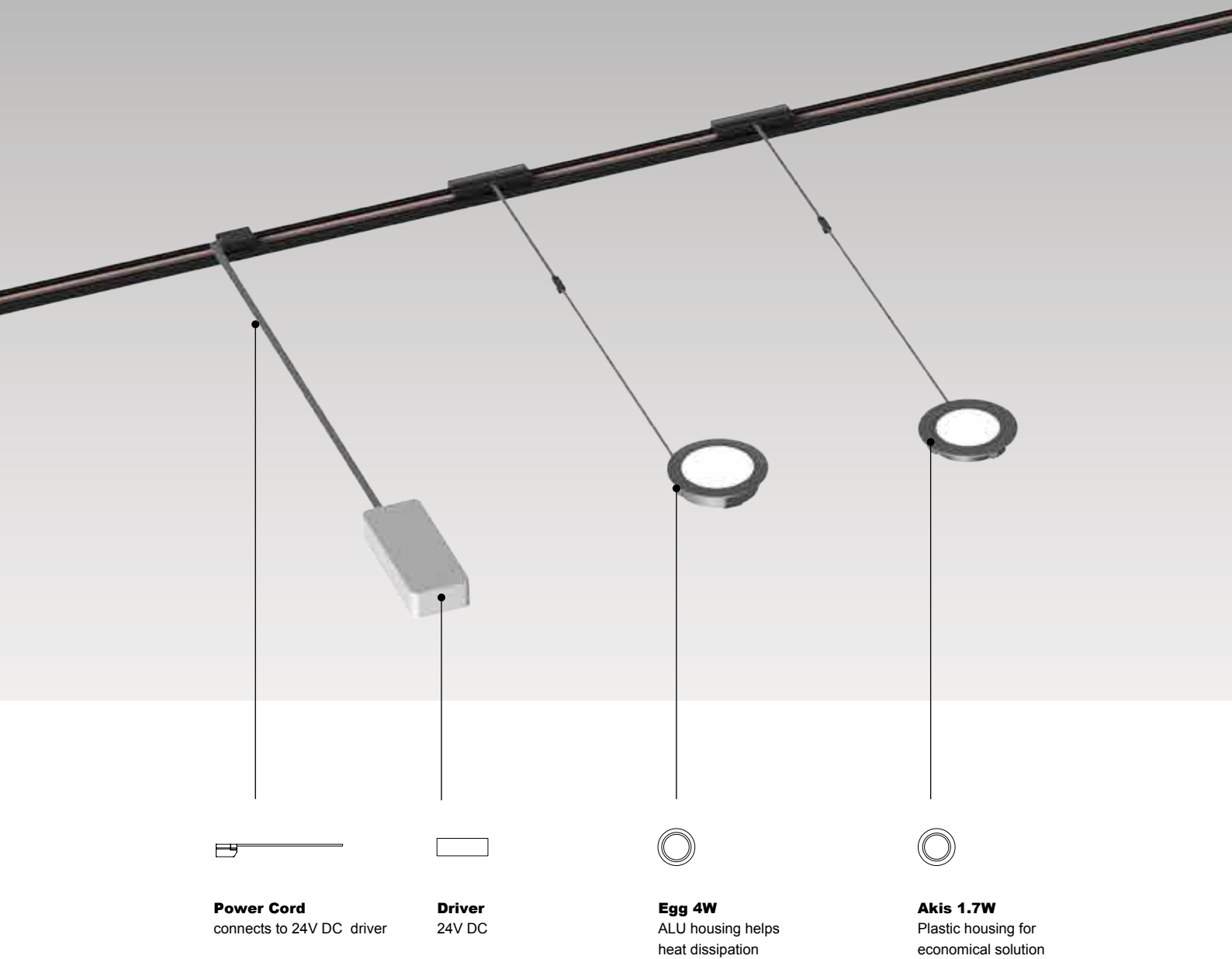
Number	L
STJ-01-0500	500mm
STJ-01-1000	1000mm
STJ-01-2000	2000mm



Models : STI-02
Type : Base

SHUTTLE

Can be used as track to power up other 24V DC fixtures





Tobey
Smooth plastic with
black or white finish.



Nahho
Multiple length available,
also come with different
diffusers.

LINEAR LIGHTS



Colours Anodized Alum.

NAHHO-SS



Series name	Article number	LED Consumption	Voltage	Length
NAHHO-SS	1510.008F	1.5 W (X14PCS)	24V DC	100mm
	1510.008H	4 W (X42PCS)	24V DC	285mm
	1510.008I	8 W (X84PCS)	24V DC	565mm
	1510.008J	12 W (X126PCS)	24V DC	845mm
	1510.008K	16 W (X168PCS)	24V DC	1123mm
	1510.008L	4 W (X42PCS)	24V DC	285mm

NAHHO-SS-S



NAHHO-SS-S	1510.022F	1.5 W (X14PCS)	24V DC	100mm
	1510.022H	4 W (X42PCS)	24V DC	285mm
	1510.022I	8 W (X84PCS)	24V DC	565mm
	1510.022J	12 W (X126PCS)	24V DC	845mm
	1510.022K	16 W (X168PCS)	24V DC	1123mm
	1510.022L	4 W (X42PCS)	24V DC	285mm

NAHHO-SS-R



NAHHO-SS-R	1510.021F	1.5 W (X14PCS)	24V DC	100mm
	1510.021H	4 W (X42PCS)	24V DC	285mm
	1510.021I	8 W (X84PCS)	24V DC	565mm
	1510.021J	12 W (X126PCS)	24V DC	845mm
	1510.021K	16 W (X168PCS)	24V DC	1123mm
	1510.021L	4 W (X42PCS)	24V DC	285mm

CABINET LIGHTS

Colours Black White

TOBEY-8D6+



TOBEY-8D6-S+



Series name	Article number	LED Consumption	Voltage
TOBEY-8D6+	1263.119B	2.4 W	24V DC
TOBEY-8D6-S+	1263.119C	2.4 W	24V DC

TOBEY-C8D6+



TOBEY-C8D6-S+



Series name	Article number	LED Consumption	Voltage
TOBEY-C8D6+	1363.119B	2.4 W	24V DC
TOBEY-C8D6-S+	1363.119C	2.4 W	24V DC

AKIS-R-II



BANIO-R-II



Colours Black White Chrome Matt chrome Satin Nickel

Series name	Article number	LED Consumption	Voltage
AKIS-R-II	1468.106A	1.7 W	24V DC
BANIO-R-II	1468.113A	1.7 W	24V DC

EGG 4W



Colours Black White Silver Satin Nickel

Series name	Article number	LED Consumption	Voltage
EGG 4W	1468.107A	4 W	24V DC

