ARMOR SERIES | MINI LINEAR INTERNATIONAL FIXTURES

With a small profile and 5 different optics options, you can use the Armor Series MINI Linear International fixture in several applications or one project. 6 color temperatures and 3 different lengths allow mixing and matching as needed to fit in any location. Choose the mounting bracket to match your application, from low space for vertical washing of facades, to the tilting bracket for a more focused control. This version is not compatible to be daisy chained with the regular USA MINI Linear fixtures. The Armor Series Mini Linear International comes with a three-year warranty.

GEL-FLUSH™ TECHNOLOGY

The Armor Series MINI Linear International fixture is manufactured with our Gel-Flush™ Technology. This proprietary innovation prevents breaches from any weather-related elements. Acolyte exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements. This results in a clear and unobstructed beam of light from our fixtures. No more water beads changing and/or refracting the specified beam angles!

cETLus   CE   IP66

ORDERING GUIDE

Category	CRI	Voltage	Length	Color Temp	FWHM Beam Angle	Mounting Option
MINI		24				
MINI - Armor MINII	**80** - 80+ CRI	**24** - 24 VDC	**0.2** - 185 mm / 7.3 in. (5 W)	**27** - 2700K	**10x40** - 10x40°	**SI** - Snap-In
	90 - 90+ CRI		**0.5** - 500 mm / 19.7 in. (15 W)	**30** - 3000K	**15** - 15x15°	**TS** - Tiltable Stand
			1.0 - 1000 mm / 39.4 in. (30 W)	**35** - 3500K	**20** - 20x20°	
				40 - 4000K	**35** - 35x35°	
				50 - 5000K	**50** - 50x50°	
				60 - 6000K		

OPTIONAL ACCESSORIES:

1.) Armor Series Mounting Arms:
Small: ARMORMNT0609
Large: ARMORMNT1422

2.) Symmetric Louver:
MINILOUV185 (185 mm)
MINILOUV500 (500 mm)
MINILOUV1000 (1000 mm)

3.) Asymmetric Louver:
MINIALOUV185 (185 mm)
MINIALOUV500 (500 mm)
MINIALOUV1000 (1000 mm)

4.) Glare Shield:
MINISHLD185 (185 mm)
MINISHLD500 (500 mm)
MINISHLD1000 (1000 mm)

5.) 2 Pin Male to Female Jumper Cable:
MINIJUMPMF1000 (1000 mm)
MINIJUMPMF2000 (2000 mm)

6.) 2 Pin Female Cable to Bare Wire:
MINICBLFB300 (300 mm)
MINICBLFB500 (500 mm)
MINICBLFB1000 (1000 mm)
MINICBLFB2000 (2000 mm)

DRIVERS:

96 W Non-dimming Driver

Driver Part No.: DRVW2496

0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P

ELV/MLV Dimmable Drivers

60W Part No.: DRVW2460ELVMLV
96W Part No.: DRVW2496ELVMLV
150W Part No.: DRVW24150ELVMLV
300W Part No.: DRVW24300ELVMLV

DALI Dimmable Drivers

96W Part No.: DRVW2496DALI1CH
100W Part No.: DRV24100DALI1CH

AVAILABLE COLOR TEMPERATURES

2700K   3000K   3500K   4000K   5000K   6000K

AVAILABLE BEAM ANGLES

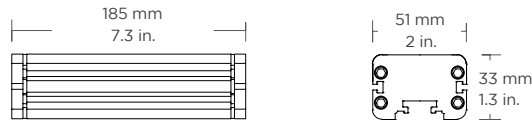10x40°   15x15°   20x20°   35x35°   50x50°

SPECIFICATIONS

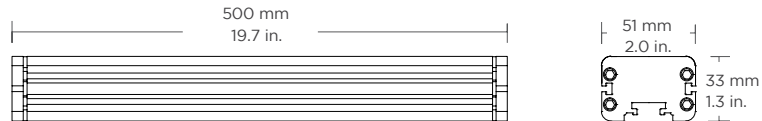|			
Operating Voltage	24 VDC		
Length	185 mm / 7.3 in.	500 mm / 19.7 in.	1000 mm / 39.4 in.
Power Consumption	5 W	15 W	30 W
LEDs per Fixture	5 LEDs	15 LEDs	30 LEDs
Amperage	0.2 A	0.625 A	1.25 A
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6000K		
LED Beam Angle	15x15°, 20x20°, 35x35°, 50x50°, 10x40°		
Lumen Output / Meter	2952.4		
Lumen Output / Foot	900.12		
Total Lumens	570.6	1476.2	2952.4
Max. Run Length	14 fixtures	8 fixtures	4 fixtures
Weight	0.48 kg / 1.06 lb	0.85 kg / 1.87 lb	1.2 kg / 2.65 lb
Control System	0-10 V, ELV/MLV, DALI		
CRI	80+ or 90+CRI		
LED Binning (SDCM)	3-step (80 CRI) or 2-step (90 CRI)		
Binning Tolerance	+/- 100K		
Ambient Temperature	-40 — 50 °C (-40 — 122 °F)		
Housing / Lens Materials	Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Tempered Glass End Caps: Extruded Aluminium / Brackets: Extruded Aluminium Housing, bracket, end cap material – 6063 high density aluminum alloy		
Connector	2 pin power connector		
Cable Length	300 mm (11.81 in.)		
Protection Rating	IP66		
Impact Rating	IK08		
Mounting Options	Snap-In Clip, Tiltable Stand (140° adjustable), Large Tiltable Stand (180° adjustable), Mounting Arms (available in 2 different sizes)		
Lamp Life	50,000 hours		
Certifications	CE, ETL / Luminaires – UL 1598, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 / Luminaires – CSA C22.2 No.250.0-08, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 (R2013)		
Fixture Color Finish	Anodized silver		

* ALL LUMEN DATA IS FROM 2700K 80 CRI FIXTURES.
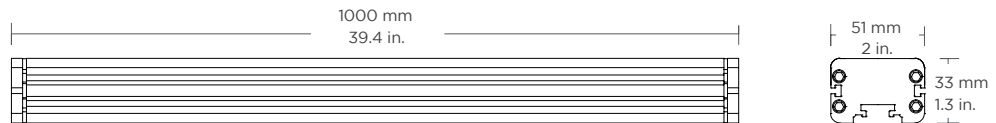
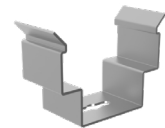## DIMENSIONS / MOUNTING HARDWARE:

185 mm / 7.3 in.:

185 mm
7.3 in.

51 mm
2 in.

33 mm
1.3 in.

500 mm / 19.7 in.:

500 mm
19.7 in.

51 mm
2.0 in.

33 mm
1.3 in.

1000 mm / 39.4 in.:
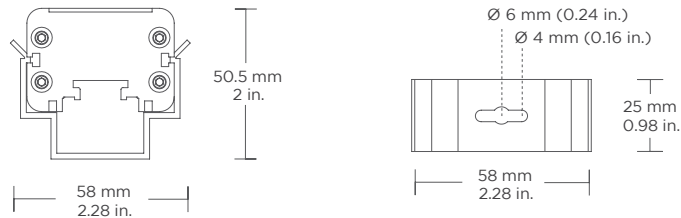
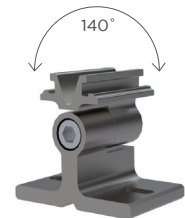1000 mm
39.4 in.

51 mm
2 in.

33 mm
1.3 in.

MOUNTING HARDWARE

Snap-In Clip
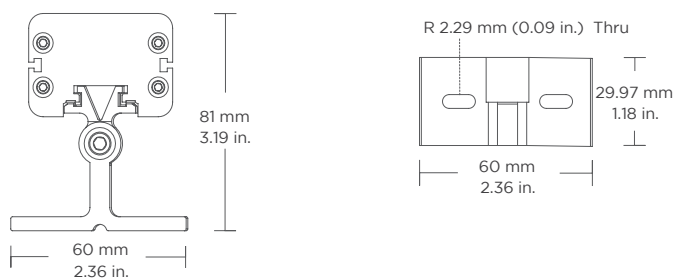For narrow installations where mounting clips need to be installed first

50.5 mm
2 in.

58 mm
2.28 in.

Ø 6 mm (0.24 in.)
Ø 4 mm (0.16 in.)

25 mm
0.98 in.

58 mm
2.28 in.

Tiltable Stand
For adjustable mounting angles up to 140°

69.34 mm
2.73 in.

50.8 mm
2 in.

R 2.29 mm (0.09 in.) Thru

29.97 mm
1.18 in.

50.8 mm
2 in.

140°

Large Tiltable Stand
For adjustable mounting angles up to 180°

81 mm
3.19 in.

60 mm
2.36 in.

R 2.29 mm (0.09 in.) Thru

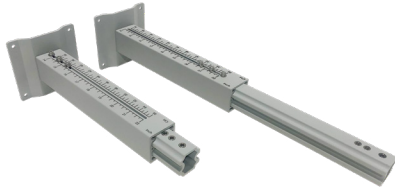29.97 mm
1.18 in.

60 mm
2.36 in.
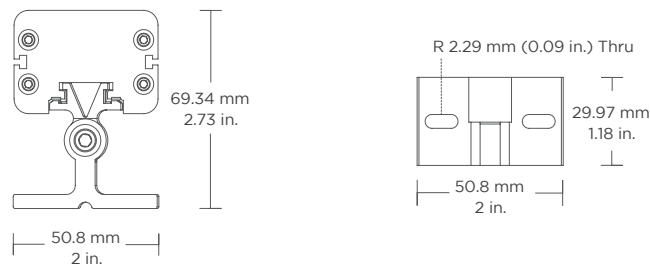
180°
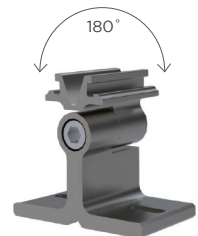
MOUNTING HARDWARE / ACCESSORIES
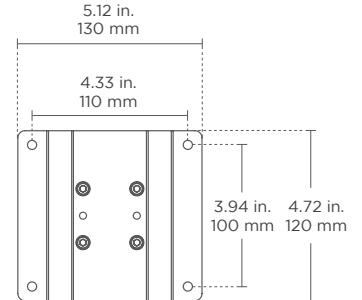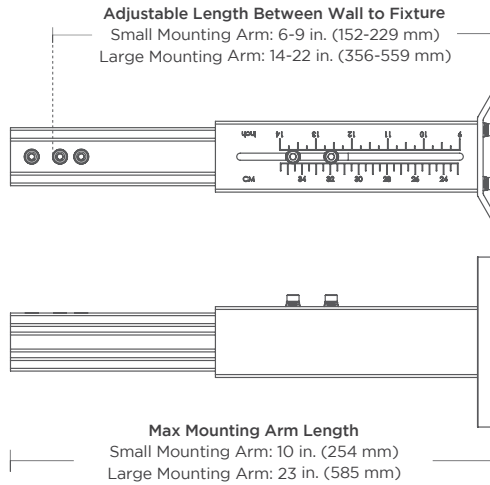
MOUNTING HARDWARE

Mounting Arms

Small Mounting Arm Part Number: ARMORMNT0609
Large Mounting Arm Part Number: ARMORMNT1422

Armor Series Mounting Arm
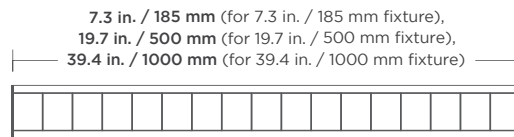Adjustable mounts (in 2 sizes) help set desired angle and distance from lighting surface

Adjustable Length Between Wall to Fixture
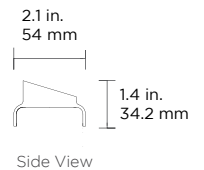Small Mounting Arm: 6-9 in. (152-229 mm)
Large Mounting Arm: 14-22 in. (356-559 mm)

5.12 in.
130 mm

4.33 in.
110 mm

3.94 in. 4.72 in.
100 mm 120 mm

Max Mounting Arm Length
Small Mounting Arm: 10 in. (254 mm)
Large Mounting Arm: 23 in. (585 mm)

ACCESSORIES

Part Number: MINILOUV

Louver
For glare reduction
Note: This will affect beam angle

7.3 in. / 185 mm (for 7.3 in. / 185 mm fixture),
19.7 in. / 500 mm (for 19.7 in. / 500 mm fixture),
39.4 in. / 1000 mm (for 39.4 in. / 1000 mm fixture)

Not recommended for exterior applications

2.1 in.
54 mm

1.4 in.
34.2 mm

Side View

Part Number: MINIALOUV

Asymmetric Louver
For glare reduction
Note: This will affect beam angle

7.3 in. / 185 mm (for 7.3 in. / 185 mm fixture),
19.7 in. / 500 mm (for 19.7 in. / 500 mm fixture),
39.4 in. / 1000 mm (for 39.4 in. / 1000 mm fixture)

Not recommended for exterior applications

2.1 in.
54 mm

1.4 in.
34.2 mm

Side View
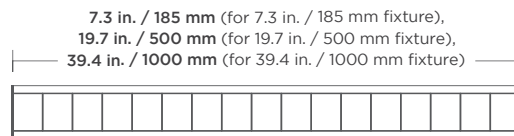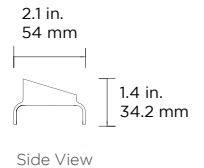
Part Number: MINISHLD

Glare Shield
To reduce glare or redirect light

7.3 in. / 185 mm (for 7.87 in. / 185 mm fixture),
19.7 in. / 500 mm (for 19.7 in. / 500 mm fixture),
39.4 in. / 1000 mm (for 39.4 in. / 1000 mm fixture)

2.28 in.
57.9 mm
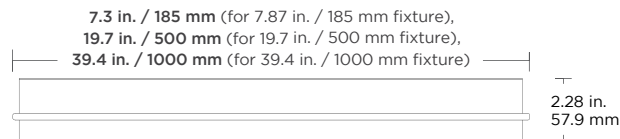
Adds 2.0 in. / 50.8 mm to the height of the fixture

3.48 in.
88.3 mm

1.35 in.
34.4 mm

Side View
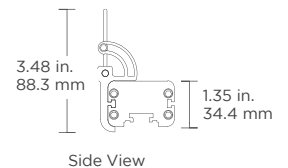
Default cable length on fixture is 11.81 in. / 30 cm

2 Pin Female Cable To Bare Wire
To bare wire for incoming power

MINICBLFB300 (300 mm)
MINICBLFB500 (500 mm)
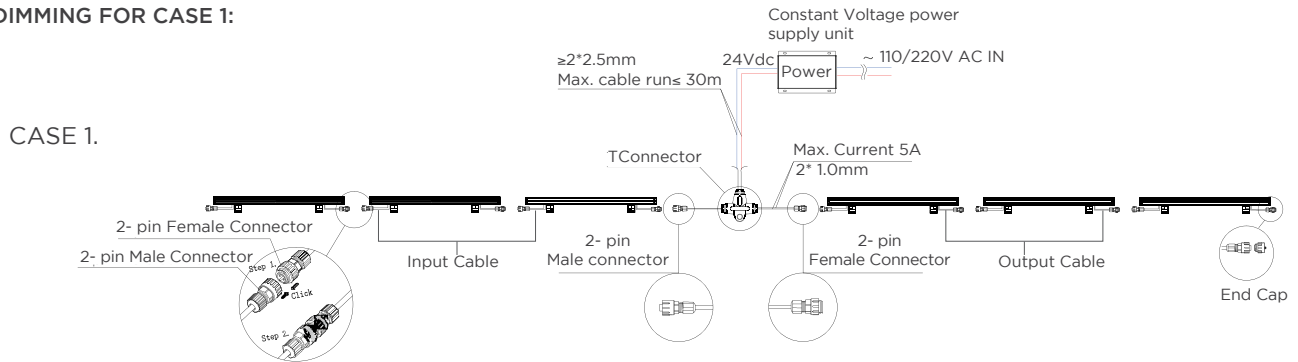MINICBLFB1000 (1000 mm)
MINICBLFB2000 (2000mm)

2 Pin Male To Female Jumper Cable
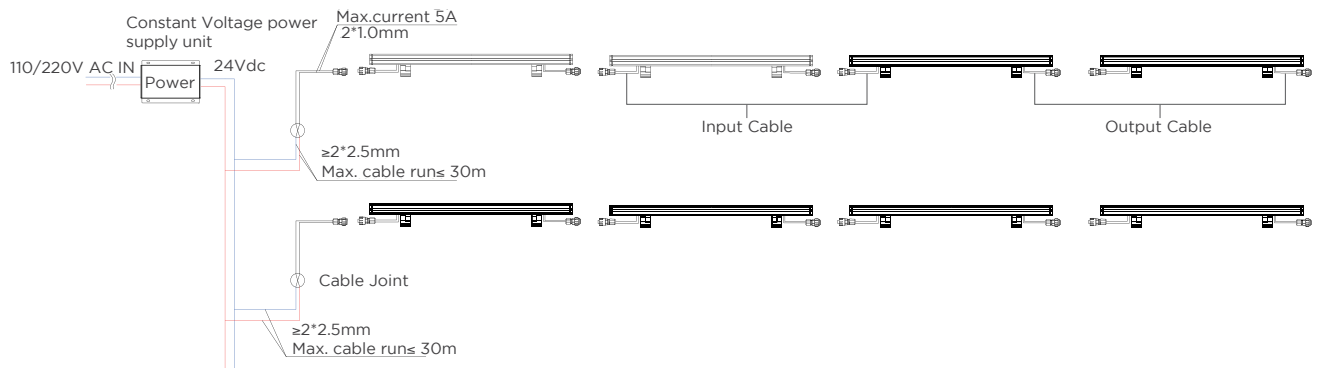To connect 2 pin male connector to 2 pin female connector

MINIJUMPMF1000 (1000 mm)
MINIJUMPMF2000 (2000 mm)
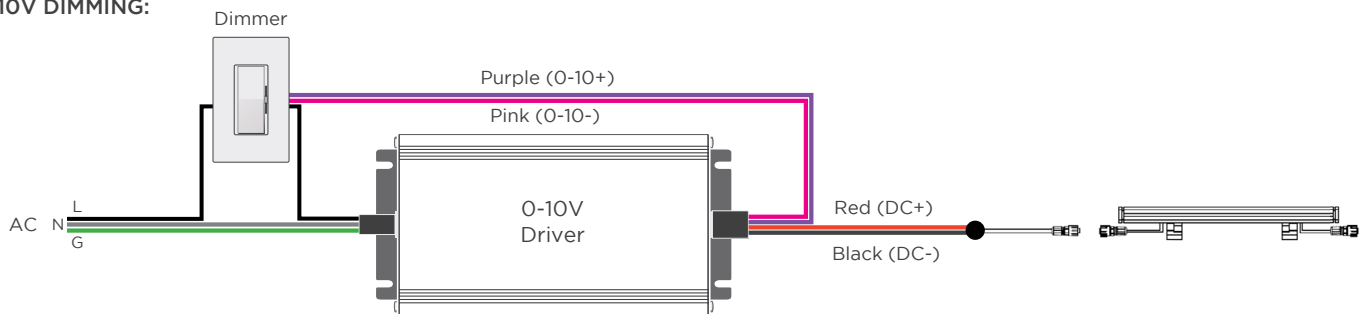*Consult factory for custom length
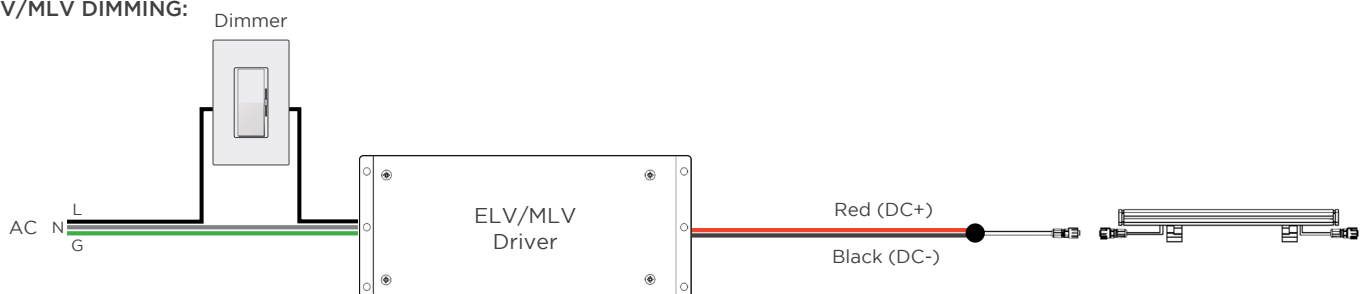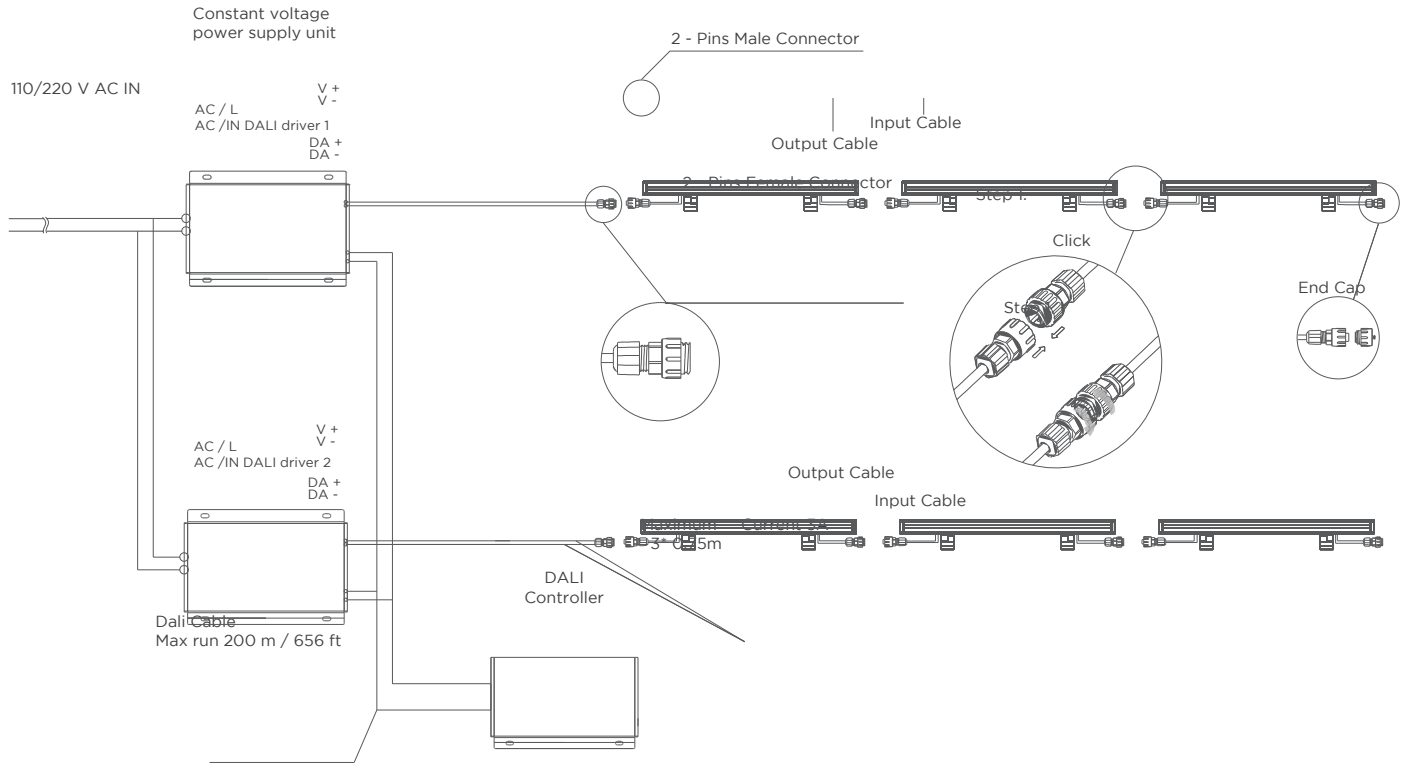
CONNECTION

NON-DIMMING FOR CASE 1:

Constant Voltage power supply unit

≥2*2.5mm
Max. cable run≤ 30m

24Vdc

Power

~ 110/220V AC IN

CASE 1.

TConnector

Max. Current 5A
2* 1.0mm

2- pin Female Connector

2- pin Male Connector

Step 1
Click
Step 2

Input Cable

2- pin
Male connector

2- pin
Female Connector

Output Cable

End Cap

CASE 2.

Constant Voltage power
supply unit

Max.current 5A
2*1.0mm

110/220V AC IN

Power

24Vdc

Input Cable

Output Cable

≥2*2.5mm
Max. cable run≤ 30m

Cable Joint

≥2*2.5mm
Max. cable run≤ 30m

0-10V DIMMING:

Dimmer

Purple (0-10+)

Pink (0-10-)

AC N
L
G

0-10V
Driver

Red (DC+)

Black (DC-)

ELV/MLV DIMMING:

Dimmer

AC N
L
G

ELV/MLV
Driver

Red (DC+)

Black (DC-)

![GENLED Acolyte - Architectural Lighting Solutions]

CONNECTION

DALI DIMMING:

Constant voltage power supply unit

110/220 V AC IN

2 - Pins Male Connector

Input Cable

Output Cable

V +
V -
AC / L
AC /IN DALI driver 1
DA +
DA -

2 - Pins Female Connector

Step 1.

Click

Step 2.

End Cap

V +
V -
AC / L
AC /IN DALI driver 2
DA +
DA -

Output Cable

Input Cable

Maximum Current 5A

3m - 0.15m

DALI Controller

Dali Cable
Max run 200 m / 656 ft

CONNECTORS:

LPV-60-24

Power

2 Pins Female Connector

2 Pins Male Connector

Input Cable

Mini Wall Washer

Output Cable

2 Pins Female Connector