The Faisca LS9260 is a compact direct-view luminaire within the F6 family, designed to create vibrant points of light across architectural, landscape, and public environments. Delivering up to 2440 lumens with a power consumption of 18W, Faisca provides a strong luminous presence in a refined, energy-efficient form—ideal for visual expression, feature lighting, and dynamic installations where the light source itself becomes part of the design.

With versatile mounting options—including surface, catenary, and adjustable arm mount configurations—Faisca adapts easily to a wide range of architectural applications, from suspended lighting compositions and visual markers to expressive public space installations.

As part of the F6 family, Faisca shares a common design language and mounting ecosystem with other F6 luminaires, enabling designers to integrate direct-view lighting elements alongside precision illumination within a cohesive architectural system.

Performance

Static White & Color	Clear Flat Lens		Frosted Dome Lens	
	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)
2,700 K (80 CRI)	2,260	123	1,540	84
3,000 K (80 CRI)	2,260	123	1,540	84
3,500 K (80 CRI)	2,260	123	1,540	84
4,000 K (80 CRI)	2,440	133	1,660	90
5,000 K (80 CRI)	2,400	130	1,630	89

Dynamic Color	Clear Flat Lens		Frosted Dome Lens	
	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)
RGBA	1,410	80	960	54
RGBW (4,000 K) with Royal Blue	1,330	75	880	50

Tunable White	Clear Flat Lens		Frosted Dome Lens	
	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)
2,700 K - 6,500 K	2,260	122	990	55

! Other LED colours and CRIs available on request. Contact Lumascape for options.

powersync™ uvshield™ cooldrive™ easyglow™ pureblend™

Products and specifications are subject to change without notice.
LS9260_260619

Electrical

Power Consumption	18 W
Optics	Transparent Flat Lens or Diffused Domed with PureBlend Lens
Typical Lifetime (TM21 Reported)	> 72,000 hours @ 50°C Ambient (B10, L90, TM21 Reported)
Typical Lifetime (TM21 Projected)	72,318 hours @ 50°C Ambient (B10, L90, TM21 Projected)
Input Voltage	Low Voltage 30 to 48 Vdc
Thermal Management	CoolDrive™ onboard thermal monitoring and control

Control

Interface	Lumascape **PowerSync®**
Protocols[1]	DMX/RDM, Artnet, 0 - 10 V (sink or source)[2]
PWM Frequency	2 kHz flicker-free dimming to 0.1%
RDM Functionality	PowerSync enabled Lumascape luminaires are shipped with a default RDM personality which provides smooth dimming control. For different dimming characteristics or to enable other special functionalities, the default personality can be changed through industry standard DMX/RDM.
Systems	Range of third-party controllers

[1] Some protocols require additional hardware. For more information and other available protocols contact Lumascape.
[2] Not available for color-changing or tunable white

Physical

Housing	Marine-grade die-cast aluminum with UV-protected and stabilized polymer diffuser
Finish	Superior 9-step powder-coating process, including marine-grade epoxy undercoat and polyester top coat
Installation	Surface Mount, Adjustable Bracket, Catenary Mount, Tenon Adaptor, Pole Clamp
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Surface Temperature	≤122°F (50°C)
Weight	4.0 lb (1.8 kg)
Effective Projected Area	Flat Lens; 0.09 ft^2 (84.5 cm^2) Dome Lens; 0.11 ft^2 (106 cm^2)

Certification & Compliance

IP Rating	IP66 / IP67 (Passes IP68 Test)
IK Rating	IK10
Environment	Dry, Damp, Wet locations
Certifications	UL, CE, RCM, FCC

Optics

Frosted, Dome Lens
(DC)

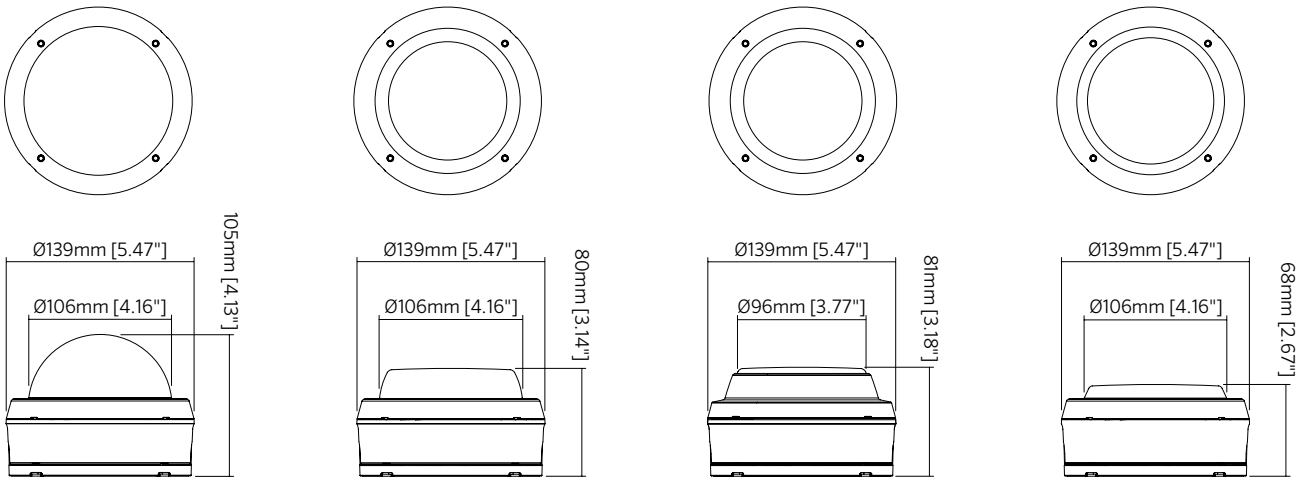
Frosted, Flat Dome Lens
(DR)

Frosted, Flat Lens
(DD)

Clear, Flat Lens
(DF)

Dimensions

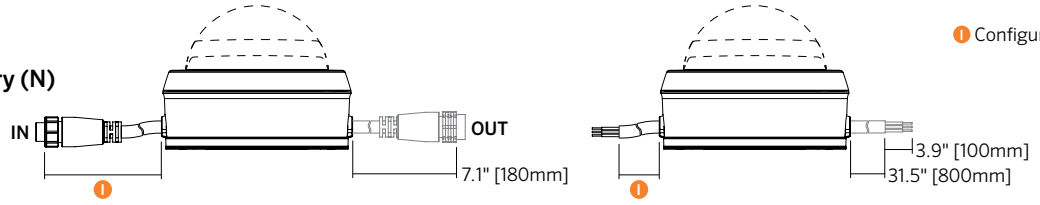
Not compatible with
LS6270 Snoot & LS6271 Visor



Cable Entry & Connection Type

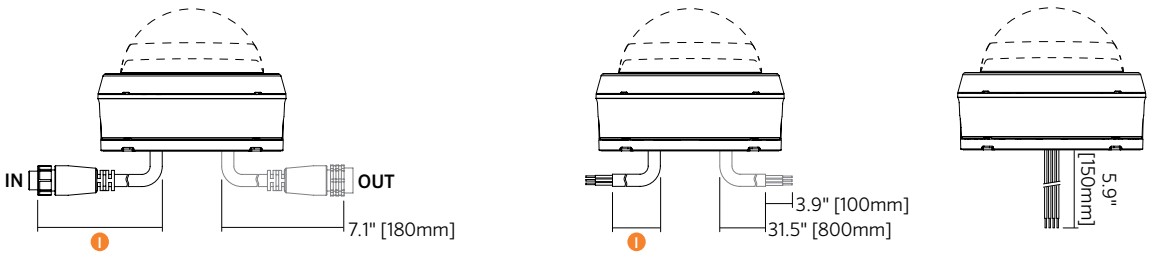
	Connectorized	Flexible Cable	Hookup Wire

Side Entry (N)



Configurable Input Lenth

Rear Entry (Q)



Connectorized Cable - single (67) Connectorized cable - loop (63)	Flexible cable - single (84) Flexible entry cable - loop (83)	Hookup Wire (82) North America Only

Mounting Option S - Standard Mount

The Standard Mount is manufactured from marine-grade stainless steel for superior strength and long-term corrosion resistance. It is designed for surface mounting as well as supporting direct installation on standard junction boxes, offering flexibility while maintaining a low-profile appearance.

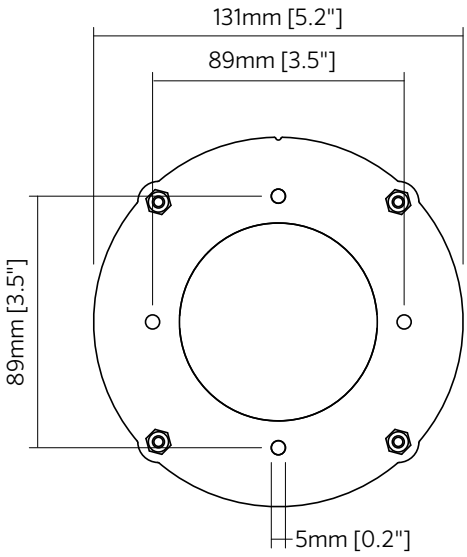
Surface Mount

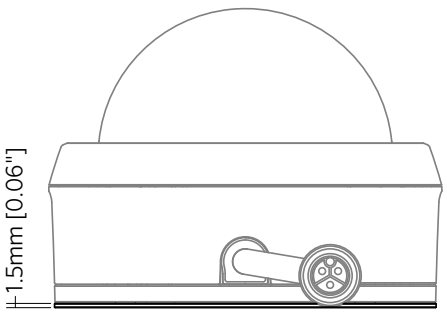
When surface mounting, the standard mount is secured directly to any flat surface using four 5 mm [0.2”] screw holes. The luminaire then attaches seamlessly to the mount. An open centre in the mounting mechanism allows for cable entry from either the side or the bottom.

Junction Box Mount

When used for junction box mounting, the standard mount aligns with a North American junction box, with the four 5 mm [0.2"] screw holes matching the box pattern. The luminaire can then be securely mounted over the junction box using the mount. The open centre of the mounting mechanism allows for bottom cable entry into the luminaire, enabling easy termination within the junction box.

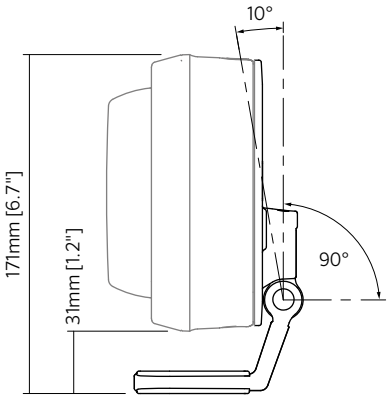
Standard
Junction Box

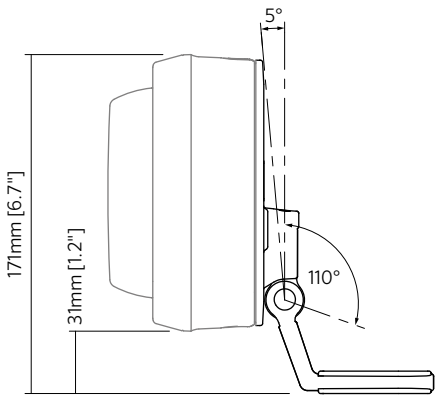


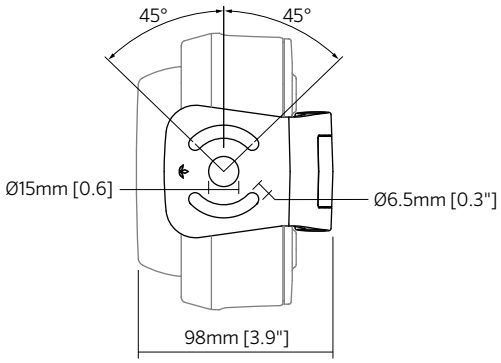


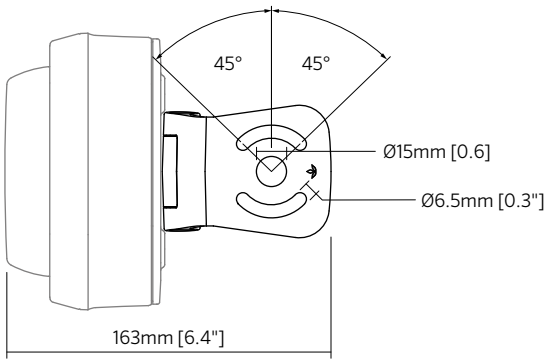
Mounting Option A - Adjustable Bracket

The adjustable bracket allows for 90° rotation about its centre. It can be installed in either the standard or reverse orientation, enabling a luminaire tilt range of -10° to +90° or -5° to +110°, respectively.



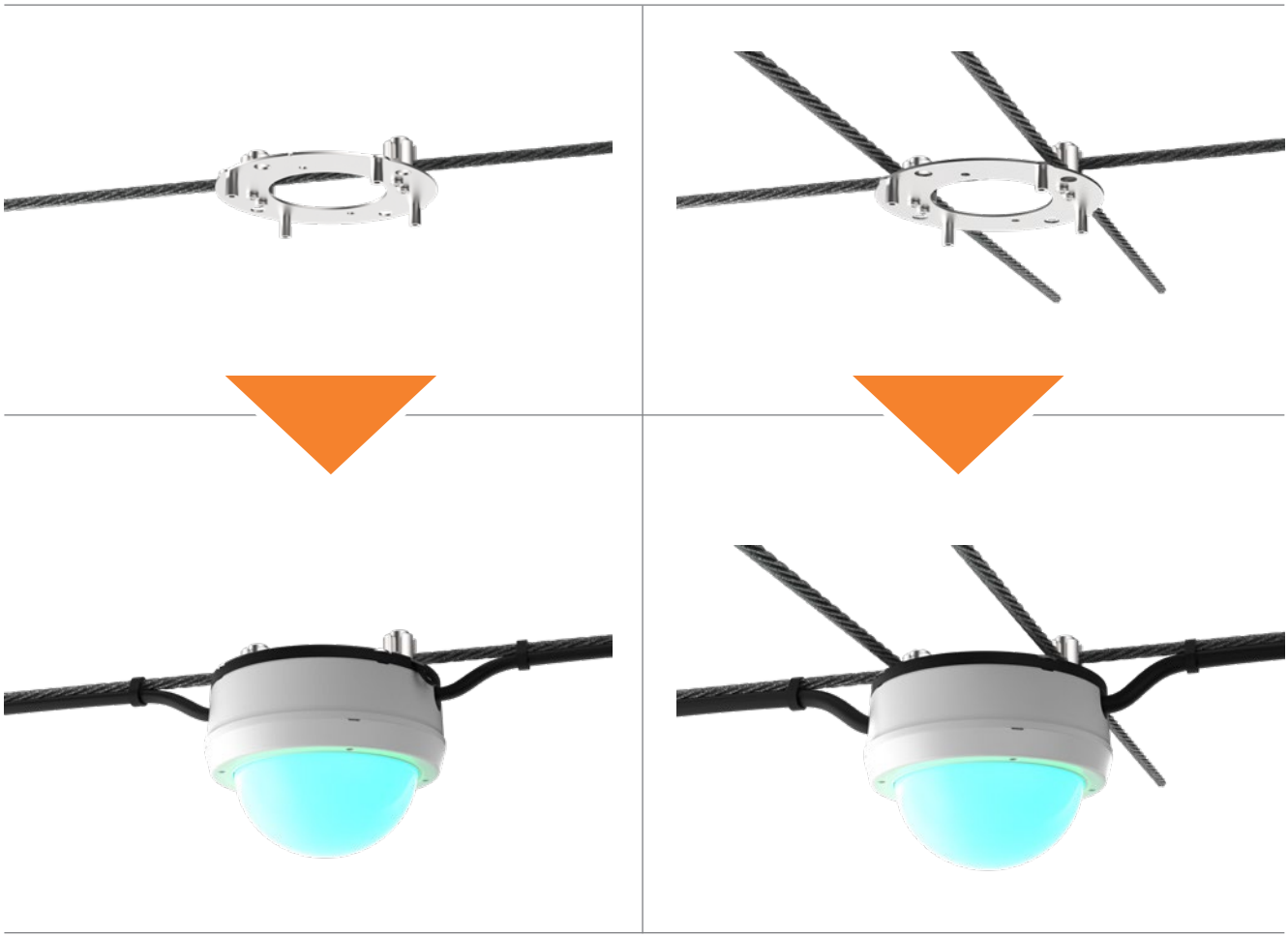


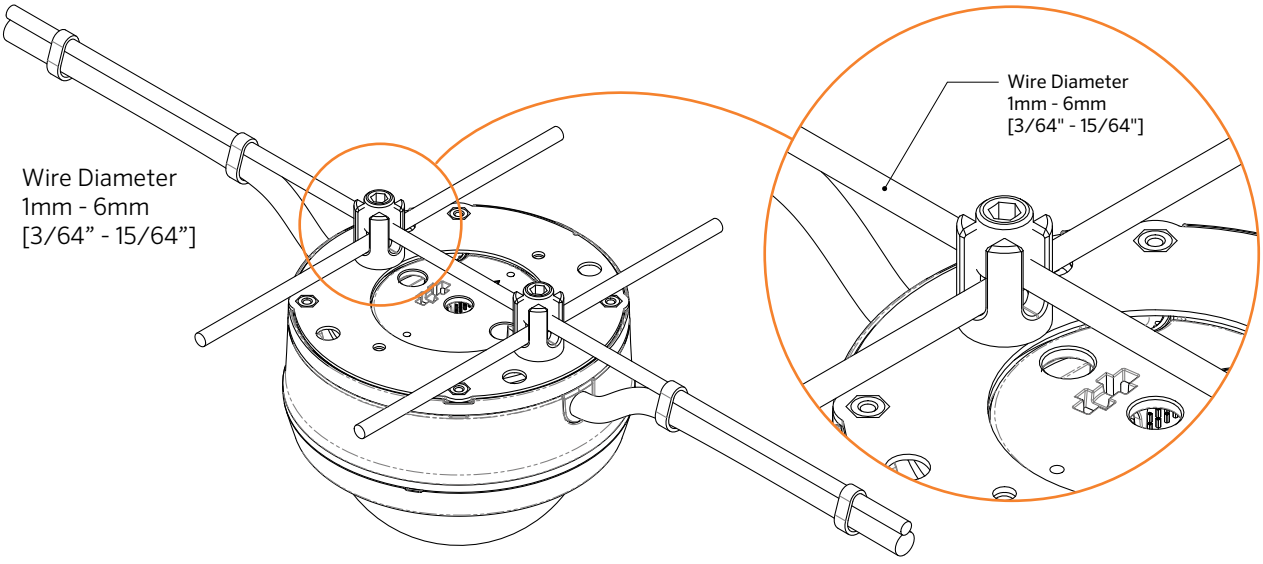




Mounting Option C - Catenary Mount

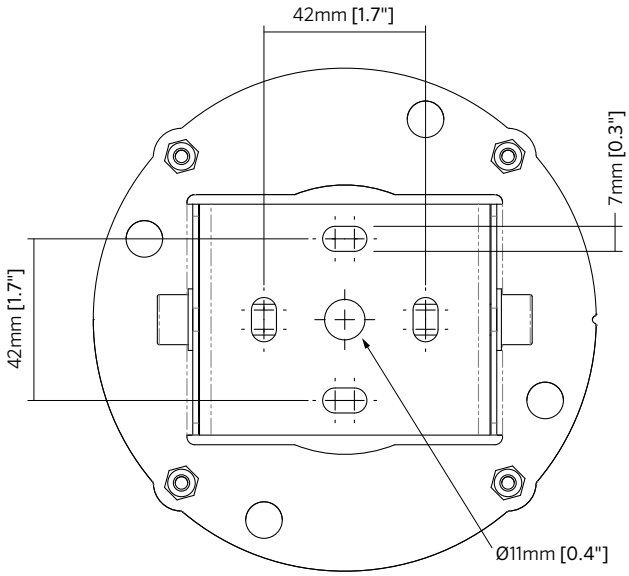
The catenary mount enables the suspension on a catenary system. Designed for versatility, it allows the luminaire to be securely mounted on metal wire ranging from 1–6 mm (3/64–15/64”). The LS9260 must be configured with a side entry cable for this accessory to be used. The catenary mount provides a sleek and reliable solution for applications requiring suspended architectural lighting.

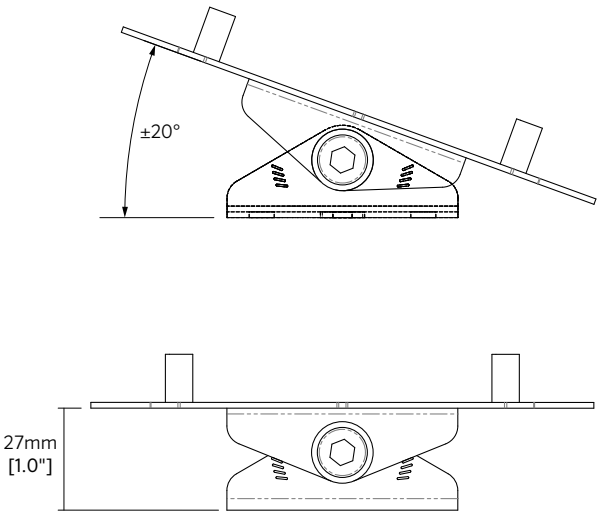




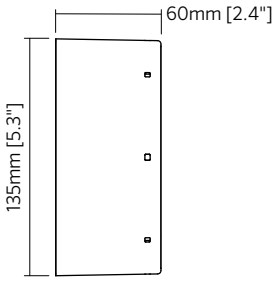
Mounting Option R - Adjustable Round Plate

The adjustable round plate allows for a tilt adjustment of ±20° on one axis, providing flexibility in aiming while maintaining a clean, architectural appearance. Available in either marine-grade stainless steel or a durable powder-coated finish, the bracket is built to withstand demanding environments. The LS9260 must be configured with side entry cable to be compatible with the surface mount bracket.



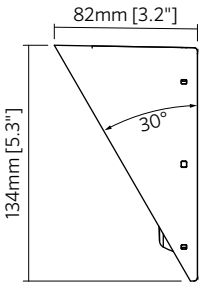


LS6270 Snoot



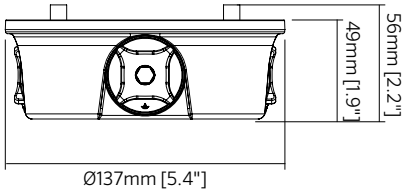
Not compatible with Frosted, Flat Lens (Optics DD)

LS6271 Visor

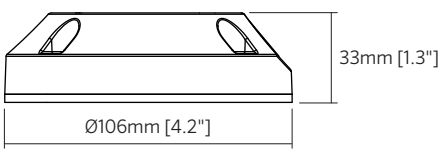


Not compatible with Frosted, Flat Lens (Optics DD)

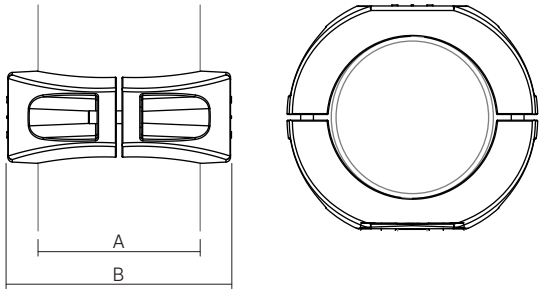
LS6327 Junction Box



LS6301 Junction Box Adaptor / Surface Mounting Kit

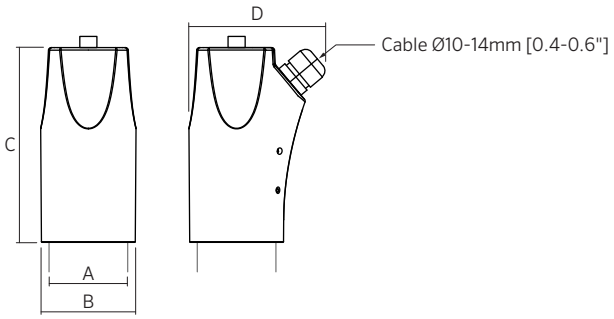


LS6302 | LS6303 | LS6304 | LS6305 Pole Clamp



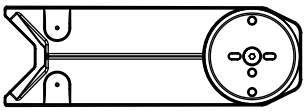
Code	Accessory	A	B
LS6302	3.0" Pole Clamp	Ø3.0" (76 mm)	4.5" (114 mm)
LS6303	4.0" Pole Clamp	Ø4.0" (102 mm)	5.5" (140 mm)
LS6304	4.5" Pole Clamp	Ø4.5" (114 mm)	6.0" (152 mm)
LS6305	5.0" Pole Clamp	Ø5.0" (127 mm)	6.5" (166 mm)

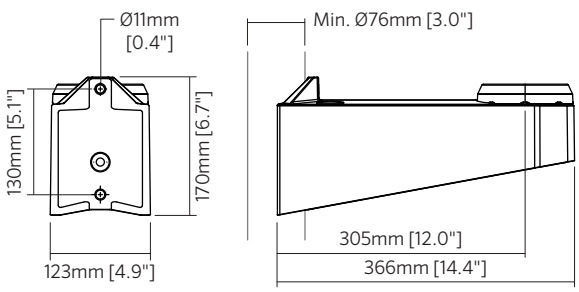
LS6306 | LS6307 Tenon Adaptor



Code	Accessory	A	B	C	D
LS6306	2⅜" x 4.0" Tenon Adapter	Ø2.4" (60 mm)	Ø2.8" (72 mm)	5.9" (149 mm)	4.1" (105 mm)
LS6307	3.5" x 6.0" Tenon Adapter	Ø4.0" (102 mm)	Ø4.4" (113 mm)	8.5" (217 mm)	5.8" (147 mm)

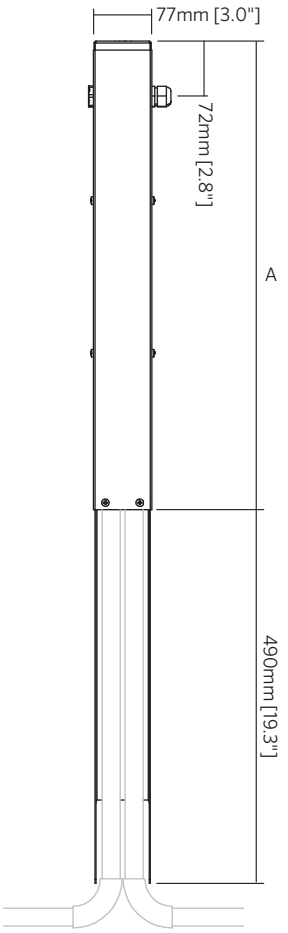
LS6258-S Wall / Pole Mount

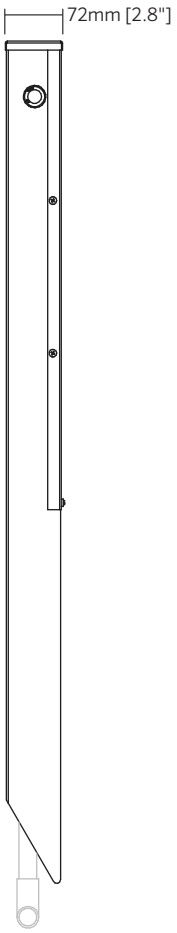




LS6325 Ground Mount Post
North America Only

Code	A
LS6325-12	12" (305 mm)
LS6325-24	24" (610 mm)





Accessories Specification Matrix

Glare Control Accessories	Code
Snoot	LS6270
Visor	LS6271

LS6270 Snoot & LS6271 Visor are not compatible with Long Lid (Cover Option D)

Mounting Accessories	Code
Junction Box	LS6327
4.0" Junction Box Adaptor / Surface Mounting Kit	LS6301
3.0" (76 mm) Pole Clamp	LS6302
4.0" (102 mm) Pole Clamp	LS6303
4.5" (114 mm) Pole Clamp	LS6304
5.0" (127 mm) Pole Clamp	LS6305
2⅜" x 4.0" (60 mm x 104 mm) Tenon Adapter	LS6306
3.5" x 6.0" (89 mm x 147 mm) Tenon Adapter	LS6307
Wall / Pole Mount Arm	LS6258-S
Ground Mount Post (North America only)	LS6325

Length	Code
12" (305 mm)	12
24" (610 mm)	24

Finish	Code
Black	BL
Anthracite Gray	AG
Basalt Gray	BT
Graphite Gray	GH
Anodic Silver	SL
White	WT
Dark Bronze	DB
Latte	LT
Dark Aluminum	DA
Custom RAL	CC[1]

[1] RAL color required

Specification Matrix

LS9260 - 18D [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Light Engine	Code
18 W	18D

Cable Entry	Code
Side	N
Rear	Q

Static White & Color	Code
2,700 K (80 CRI)	827
3,000 K (80 CRI)	830
3,500 K (80 CRI)	835
4,000 K (80 CRI)	840
5,000 K (80 CRI)	850

Dynamic Color	Code
RGBA	4CA
RGBW with Royal Blue	4BW

Tunable White	Code
2,700 K - 6,500 K	2WT

! Other LED colours and CRIs available on request. Contact Lumascape for options.

Mounting Type	Compatible		Code
Standard	✓	✓	S
Adjustable Round Plate	✗	✓	R
Adjustable Bracket	✓	✗	A
Catenary	✗	✓	C

Input Voltage	Code
30 to 48 Vdc (International)	07
30 to 48 Vdc (North America)	13

Control	Code
Non-Dimmable	ND[1]
PowerSync®	PS[2]

[1] For single colour, non-dimming applications only.
[2] Required for all dimming and colour changing applications. LS6550 Data Injector is required (order separately).

Connection Type - Loop-in / Loop-out	Code
Flexible entry/exit cables for hardwired installations (International market only)	83
Flexible entry / exit cables for connectorized installations	63

Connection Type - Single Cable Entry	Code
Flexible single entry cable, for hardwired installations	84
Flexible single entry cable, for connectorized installations	67
Hookup wire for hardwired installations (North America market only)	82[1]

[1] Requires Mounting Type S and Cable Entry Type Q. For other cable entry options, contact Lumascape.

Finish	Code
Black	BL
Anthracite Gray	AG
Basalt Gray	BT
Graphite Gray	GH
Anodic Silver	SL
White	WT
Dark Bronze	DB
Latte	LT
Dark Aluminum	DA
Custom RAL	CC[1]

[1] RAL color required

Optics	Code
Frosted, Dome Lens	DC
Frosted, Flat Dome Lens	DR
Frosted, Flat Lens	DD[1]
Clear, Flat Lens	DF

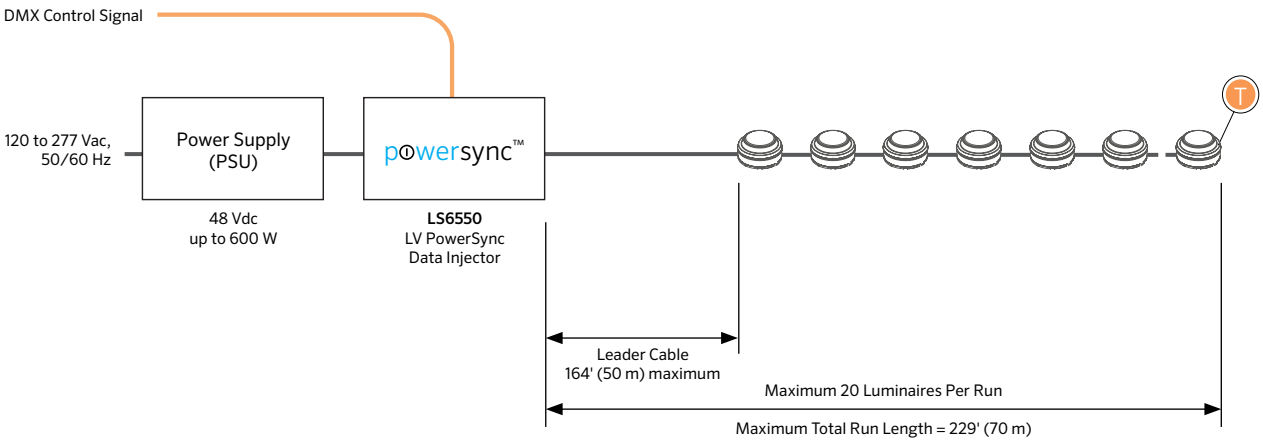
[1] Not compatible with LS6270 Snoot & LS6271 Visor.

Input Cable Length	Code
1' (0.3 m)	001
2' (0.6 m)	002
3' (0.9 m)	003
4' (1.2 m)	004
5' (1.5 m)	005
6' (1.8 m)	006

NOTE: Output cable length is fixed.

Linear Topology – Low Voltage 30-48 Vdc Dimmable and Color-Changing via PowerSync™*4*

Circuit Limits – Dimmable and Color-Changing via PowerSync™



Maximum Current

Maximum current through cables and connectors supplied by Lumascape:
≤12.8 A – Installations in North American Market (UL, ETL)
≤16 A – Installations in International Market (CE, CCC)

Terminator

Use PowerSync™ terminator, supplied with leader cable to terminate last luminaire in chain.

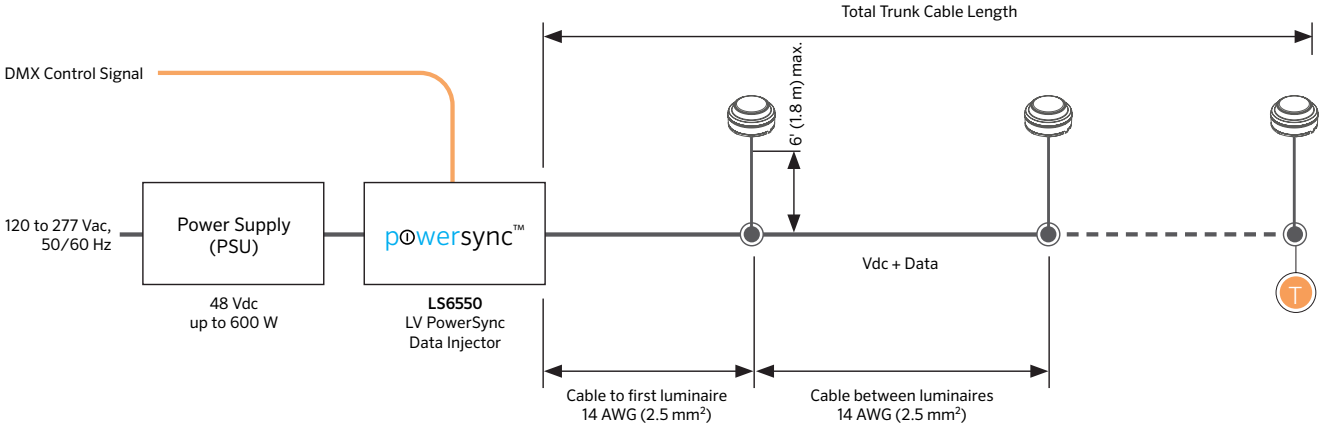
Transformer Compatability Table

Maximum Circuit Loading - Single Run						
Power Consumption	**Max Leader Cable Length from LS6550 to first luminaire**	**Maximum number of luminaires per 48 V Power Supply**				
		120 W	**240 W**	**320 W**	**480 W**	**600 W**
18 W	50' / 15 m	5	10	13	16	16
	98' / 30 m	5	10	12	13	13
	164' / 50 m	5	9	11	11	11

Values in the above table show the maximum circuit loading per 48 V circuit.
Values are based on 4.0' (1.2 m) spacing. Smaller spacing may effect the circuit loading.
Extended fixture cables, inclusion of jumper cables, or longer leader cable will effect loading.
Circuits can be made up of up to 20 luminaires, up to the maximum circuit loading in the table above.
Circuits are limited to maximum 12.8 A.
For non-continuous runs, contact Lumascape for details.

Trunk Topology – Low Voltage 30-48 Vdc Dimmable and Color-Changing via PowerSync™*4*

Circuit Limits – Dimmable and Color-Changing via PowerSync™



Maximum Current

Maximum current through cables and connectors supplied by Lumascape:
≤12.8 A – Installations in North American Market (UL, ETL)
≤16 A – Installations in International Market (CE, CCC)

Terminator

Use PowerSync™ terminator, supplied with leader cable to terminate last luminaire in chain.

Transformer Compatability Table

Maximum Circuit Loading - Single Run						
Power Consumption	**Max Leader Cable Length from LS6550 to first luminaire**	**Maximum number of luminaires per 48 V Power Supply**				
		120 W	**240 W**	**320 W**	**480 W**	**600 W**
18 W	50' / 15 m	5	10	13	16	16
	98' / 30 m	5	10	12	13	13
	164' / 50 m	5	9	11	11	11

Refer to "Transformer Compatability Table", for maximum number of luminaires
Calculations based on 14 AWG (2.5 mm²) trunk cable, and 16' (5 m) trunk cable between luminaires.
Always observe local electrical codes for branch circuit current limitations
For other configurations, contact Lumascape.

Connectorized Accessories – Low Voltage 30 to 48 Vdc

Leader Cables – PowerSync™ Extra Low Voltage (For Connection Type 63 or Type 67)

3-core 16 AWG / 1.5mm² for use in CE/CCC and UL installations. Compatible with all luminaires with Type 63 or 67 connectorized supply cable option. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Powersync4, Low Voltage circuit. Comes complete with a matching End of Circuit, Powersync4, extra low voltage terminator plug.

LS6426 - [ ] [ ]

Cable Type	Code
1.5 mm²	LS6426

Cable Type	Code
Non-Dimmable	ND
PowerSync	PS

Length	Code
10' (3 m)	010
16' (5 m)	016
50' (15 m)	050
66' (20 m)	066
98' (30 m)	098

Jumper Cables – PowerSync Extra Low Voltage (For Connection Type 63 or Type 67)

3-core 16 AWG / 1.5 mm² for use in CE/CCC and UL installations. Compatible with all Luminaires with Type 63 or 67 connectorized supply cable option. Supplied fitted with IP68 connectors for joining between connectorized luminaires in a Powersync4, extra low voltage circuit.

LS6427 - [ ] [ ]

Cable Type	Code
1.5 mm²	LS6427

Cable Type	Code
Non-Dimmable	ND
PowerSync	PS

Length	Code
1' (0.3 m)	001
2' (0.6 m)	002
3' (1 m)	003
6' (2 m)	006
16' (5 m)	016
32' (10 m)	032
50' (15 m)	050
66' (20 m)	066
98' (30 m)	098

PowerSync Low Voltage 30 to 48 Vdc Data Injector

Translates control signals into a digital format, delivering integral power and data to intelligent LED luminaires. This allows highly-granular addressing and high-speed digital control of every luminaire, using only three wires. The data injector is DIN rail mountable designed to be installed in a switchboard, next to the power supply and circuit breaker that is supplying power to the controlled lighting circuit. Accepts a growing list of standard protocols (0-10 V, DMX/RDM) for simple integration with a wide selection of control systems using these industry standard protocols.

LS6550 - 2D

Product	Code
Data Injector PS4	LS6550

Control	Code
DMX/RDM, 0-10 V Input	2D

NOTE:

PowerSync Data Injector ships with three (3) hardwired terminators and one (1) hardwired DMX terminator.

Connectorized Accessories

Terminators

Product	Code
PowerSync Terminator Connectorized, Extra Low Voltage 30-48 Vdc (CCC, CE, UL)	LS6437

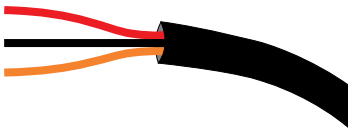
*** NOTE:**

- DMX Terminators ship with PowerSync Data Injectors.
- Terminators for hardwired PowerSync installations ship with PowerSync Data Injectors.
- Terminators for connectorized PowerSync installations ship with Leader Cables.
- Order separately for spares only.

Luminaire Wire Colors & Designations

Low Voltage 30 to 48 Vdc - International

Designation	Color
+ DC	Red
– DC	Black
Data	Orange



Low Voltage 30 to 48 Vdc - North America

Designation	Color
+ DC	Red
– DC	Black
Data In	Orange
Data Out	Grey