



The Quadralux Q4 Foundation is a medium, architectural-grade spotlight that combines technology and performance in a modern form factor. Packed with features including **EasyGlow™** visual comfort, and **CoolDrive™** thermal management technologies. Unique and flexible mounting with glare control accessories enable installation in multiple orientations. Designer optics, provide superb color-over-angle consistency and color blending even at close distances. Available with DALI, 0-10 V dimming or non-dimmable configurations.

Performance

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
2,700 K (80 CRI)	4,570	97	192,700
3,000 K (80 CRI)	4,980	106	209,800
3,500 K (80 CRI)	5,180	110	218,400
4,000 K (80 CRI)	5,380	114	226,900
5,000 K (70 CRI)	4,980	106	209,800

¹ Lumen output values are based on a 6° lens

Beam Angles	6°, 10°, 15°, 30°, 45°, 65°, 10° x 40°, 40° x 10°, 10° x 60°, 60° x 10°, 20° x 40°, 40° x 20°, 20° x 60°, 60° x 20°
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Products and specifications are subject to change without notice.
 LS942-230310

Electrical

Power Consumption	48 W
Lifetime	>60,000 hrs (B10, L70, TM21 Reported)
Input Voltage	International 220 to 240 Vac, 50 Hz North America 120/277 Vac, 60 Hz
Earth Leakage	0.11 mA @ 120 Vac, 0.33 mA @ 240 Vac, 0.13 mA @ 277 Vac
Thermal Management	CoolDrive™ onboard thermal monitoring and control

Control

Protocols	DALI® 2 (International), 0-10 V (North America), Non-Dimmable
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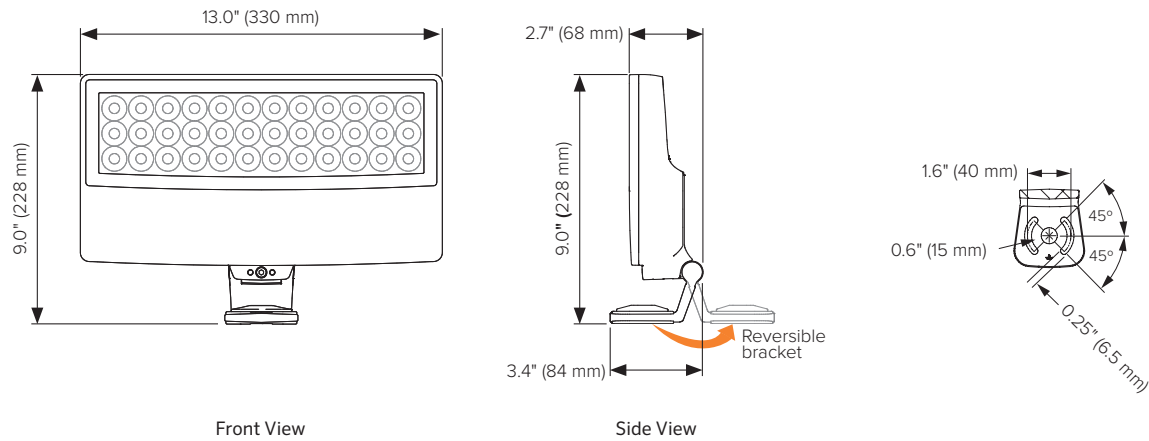
Physical

Housing	Marine-grade die cast aluminum, tempered glass lens, isolated stainless-steel fasteners, constant torque adjustable mounting bracket (lockable and reversible)
Finish	Superior 9-step powder-coating process, including marine-grade epoxy undercoat and polyester top-coat
Installation	Surface-mounted with included galvanic isolator and safety cable attachment point
Adjustable	Constant torque adjustable mounting bracket, lockable and reversible
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Surface Temperature	≤138°F (59°C)
Weight	7.0 lb (3.2 kg)
Effective Projected Area	0.3 ft² (0.1 m²)

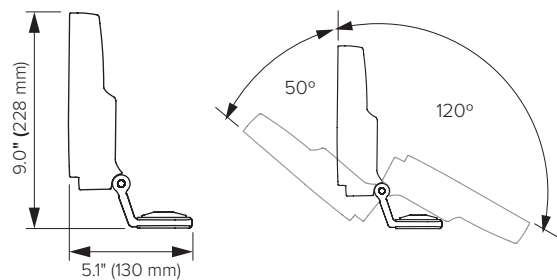
Certification & Compliance

IP Rating	IP66 / IP67 (Passes IP68 test)
IK Rating	IK8
Vibration Resistance	3G Rating (ANSI C136.31)
Environment	Dry, Damp, Wet locations
Certifications	ETL, CE, UKCA, RCM, FCC

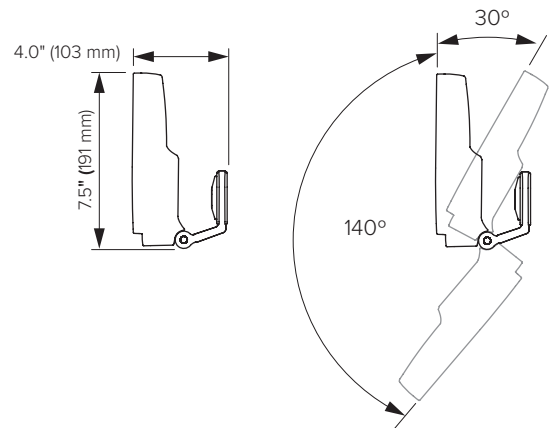
Dimensions



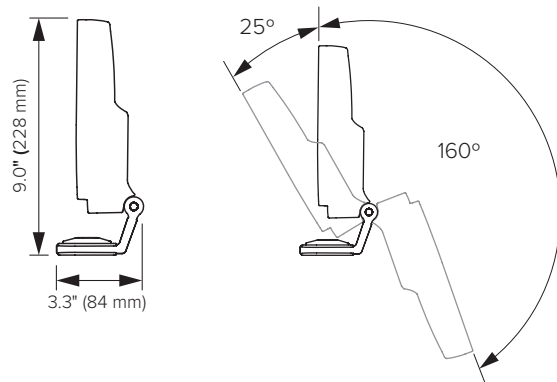
Mounting



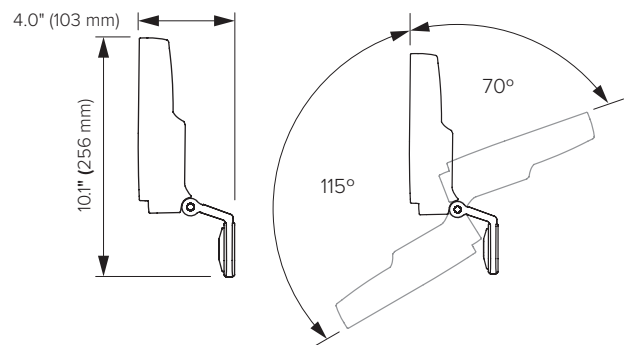
Reverse Horizontal Mounting



Reverse Vertical Mounting



Standard Horizontal Mounting

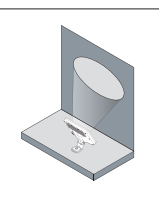


Standard Vertical Mounting

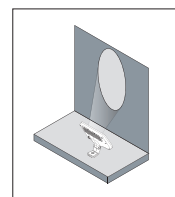
Specification Matrix

LS9140	-	48D		84						006
Power Consumption		Code								
48 W		48D								
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 (70 CRI)		750								
Beam Angles		Code								
6°		VN								
10°		NR								
15°		NM								
30°		ME								
45°		WD								
65°		WF								
10° x 60°		LH								
60° x 10°		LV								
10° x 40°		NH								
40° x 10°		NV								
20° x 40°		MH								
40° x 20°		MV								
20° x 60°		WH								
60° x 20°		WV								
Control		Code								
Non-Dimmable		ND								
DALI (International)		DL								
0-10 V (North America)		AH								
Connection Type		Code								
Flexible, single entry cable for hardwired installations		84								
Input Voltage		Code								
220 to 240 Vac, 50 Hz (International)		01								
120/277 Vac, 60 Hz (North America)		09								
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		CC¹								
Cable Length		Code								
6' (1.8 m)		006								

For custom cable lengths, contact Lumascape for more information.



Beam Orientation for "LH", "NH", "MH" and "WH"



Beam Orientation for "LV", "NV", "MV" and "WV"

Accessories

Shielding & Glare Control

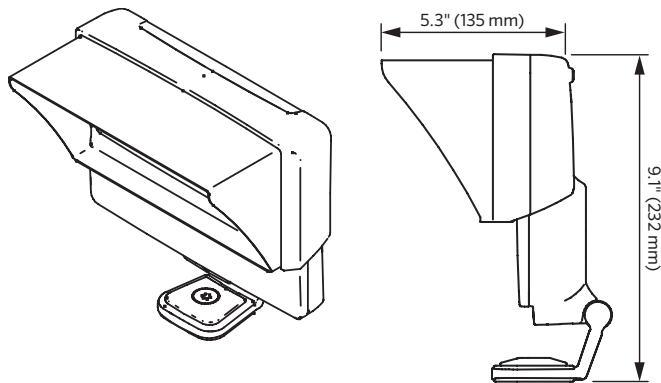
A range of shielding and glare control accessories are available to suit the Quadralux Q4 Foundation Spotlight.



Specification Matrix

Louver Length	Code	Finish	Code
Accessory Holder	LS6205	Black	BL
45° Visor	LS6207	Anthracite Gray	AG
Custom Visors are available on request. Contact Lumascape for more information.			
		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			

Technical Drawings



Mounting & InstallationAccessories

Junction Box Adapter

(includes Surface Mounting Kit)

Allows the product to be installed onto a standard UL Junction Box. Can also be used as a neat method of surface mounting in regions other than North America.



Pole Clamp

Provides an easy method of installing the luminaire onto a pole, while retaining full aiming and adjustability. Available in 3.0" (76 mm), 4.0" (102 mm), 4.5" (114 mm) and 5.0" (127 mm) options.



4.5" (115 mm) option shown

Tenon Adapter

Available in 2⅜" x 4.0" (60 mm x 104 mm) and 3½" x 6.0" (89 mm x 147 mm) options. Contact Lumascape for more information.



2⅜" x 4" (89 mm x 147 mm) option shown

Specification Matrix

		-	
Mounting Accessories	Code	Finish	Code
4.0" Junction Box Adaptor / Surface Mounting Kit	LS6301	Black	BL
3.0" (76 mm) Pole Clamp	LS6302	Anthracite Gray	AG
4.0" (102 mm) Pole Clamp	LS6303	Basalt Gray	BT
4.5" (114 mm) Pole Clamp	LS6304	Graphite Gray	GH
5.0" (127 mm) Pole Clamp	LS6305	Anodic Silver	SL
2⅜" x 4.0" (60 mm x 104 mm) Tenon Adapter	LS6306	White	WT
3.5" x 6.0" (89 mm x 147 mm) Tenon Adapter	LS6307	Dark Bronze	DB
Ground Mount Post (North America only)	LS6325	Latte	LT
		Dark Aluminum	DA
		Custom RAL	CC¹

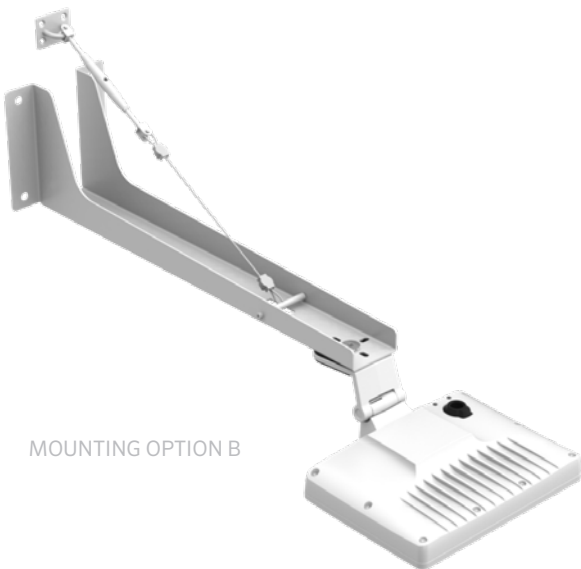
¹RAL color required

Mounting Accessories

A stand off bracket, allows the luminaire to be installed off the facade. Manufactured from marine-grade 316 stainless steel for long-life in the harshest and isolated environments. Available in five length options and suitable for use with the Quadralux and Linealux luminaires.



MOUNTING OPTION A

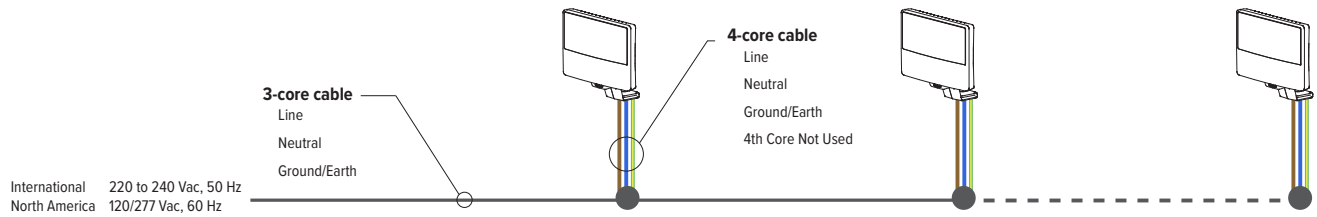


MOUNTING OPTION B

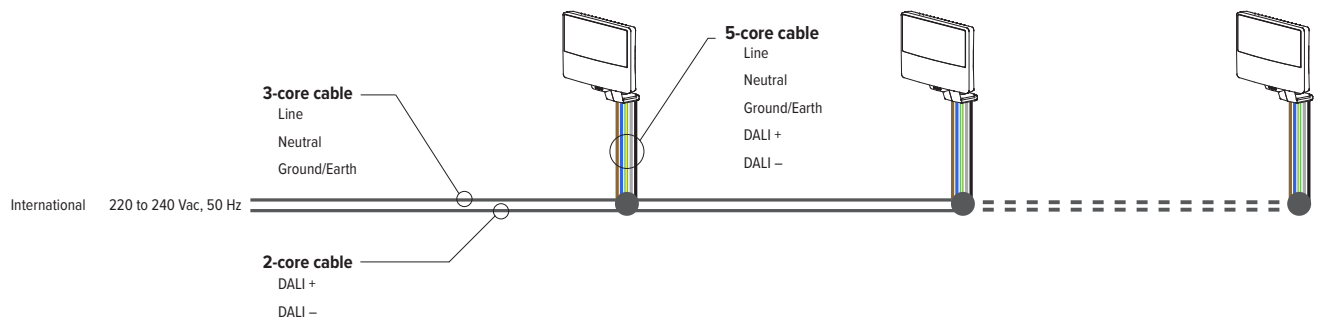
Specification Matrix

LS6221 - [] []			
Length		Finish	
Code		Code	
6" (150 mm)	06	Stainless Steel	SS
12" (305 mm)	12	Black	BL
18" (457 mm)	18	Anthracite Gray	AG
24" (610 mm)	24	Basalt Gray	BT
48" (1,219 mm)	48	Graphite Gray	GH
		Anodic Silver	SL
		White	WT
		Dark Bronze	DB
		Latte	LT
		Dark Aluminum	DA
		Custom RAL	CC¹
¹RAL color required			

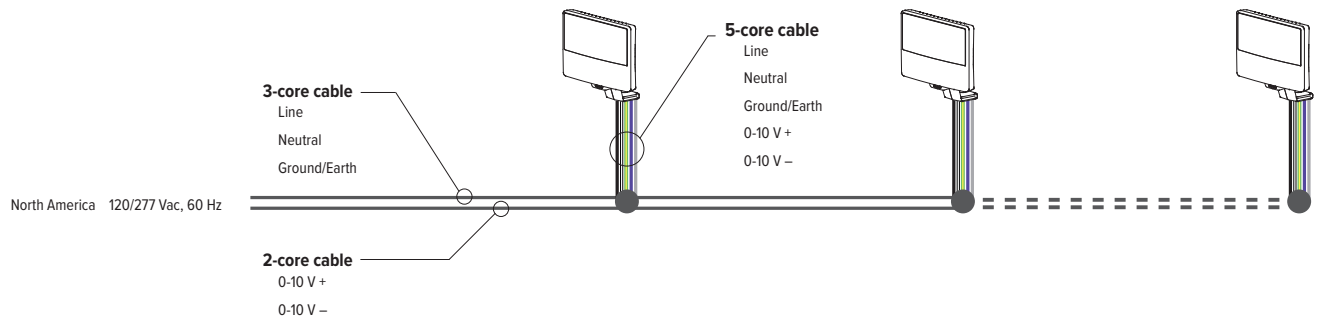
Network Topology – Non-Dimmable



Network Topology – Line Voltage 220 to 240 Vac DALI



Network Topology – Line Voltage 120/277 Vac 0-10 V



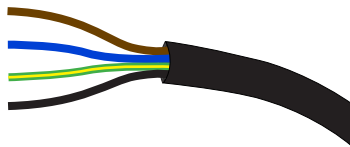
NOTE:

For all fixture wire colors and designations see page 9.

Luminaire Wire Colors & Designations

Line Voltage 220 to 240 Vac, Non-Dimmable – International

Designation	Color
Line	Brown
Neutral	Blue
Ground/Earth	Green / Yellow
Not used	Black



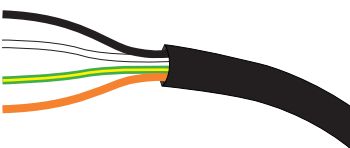
Line Voltage 220 to 240 Vac, DALI – International

Designation	Color
Line	Brown
Neutral	Blue
Ground/Earth	Green / Yellow
DALI +	Gray
DALI -	Black



Line Voltage 120/277 Vac, Non-Dimmable – North America

Designation	Color
Line	Black
Neutral	White
Ground/Earth	Green / Yellow
Not used	Orange or Red



Line Voltage 120/277 Vac, 0 to 10 V – North America

Designation	Color
Line	Black
Neutral	White
Ground/Earth	Green / Yellow
0-10 V +	Purple
0-10 V -	Pink or Gray

