



The Quadralux Q8 Foundation is a very-high powered 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.

Up to 1.2 Million Candela

Performance

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
2,700 K (80 CRI)	10,360	99	269,600
3,000 K (80 CRI)	10,810	103	281,100
3,500 K (80 CRI)	11,690	112	304,000
4,000 K (80 CRI)	11,690	112	304,000
5,000 K (70 CRI)	10,810	103	281,100

¹ Lumen output values are based on a 10° lens using DALI controls

4.5° Beam Angle (VN Option)

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
2,700 K (80 CRI)	10,360	88	1,019,300
3,000 K (80 CRI)	10,810	92	1,062,700
3,500 K (80 CRI)	11,690	99	1,149,400
4,000 K (80 CRI)	11,690	99	1,149,400
5,000 K (70 CRI)	10,810	92	1,062,700

¹ Lumen output values are based on a 4.5° lens using DALI controls

Beam Angles	4.5°, 5°, 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°
-------------	---



Electrical

Power Consumption	119 W, 132 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	0.29 mA @ 120 Vac, 0.48 mA @ 240 Vac, 0.35 mA @ 277 Vac
Thermal Management	CoolDrive™ onboard thermal monitoring and control

¹ Available on very narrow (VN) beam angle option

Control

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

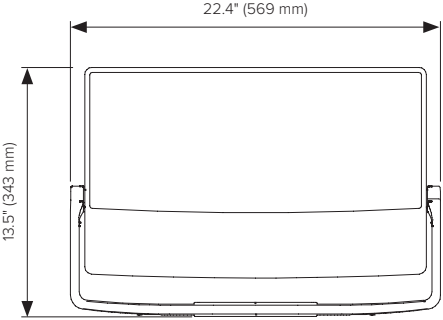
Physical

Housing	Marine-grade die-cast aluminum, tempered glass lens, isolated stainless-steel fasteners, adjustable mounting yoke (lockable) with mounting surface galvanic isolator
Finish	Superior 9-step powder-coating process, including marine-grade epoxy undercoat and polyester top-coat
Installation	Surface-mounted with included galvanic isolator
Adjustable	Adjustable mounting yoke
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Surface Temperature	≤138°F (59°C)
Weight	28.6 lb (13.0 kg)
Effective Projected Area	1.2 ft² (0.1 m²)

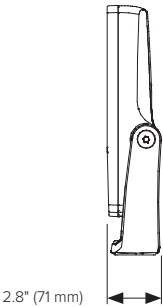
Certification & Compliance

IP Rating	IP66 / IP67 (Passes IP68 test)
IK Rating	IK10
Vibration Resistance	3G Rating (ANSI C136.31) <i>With optional 3G Bracket</i>
Environment	Dry, Damp, Wet locations
Certifications	ETL, CE, UKCA, RCM, FCC

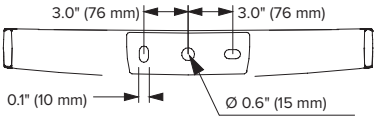
Dimensions



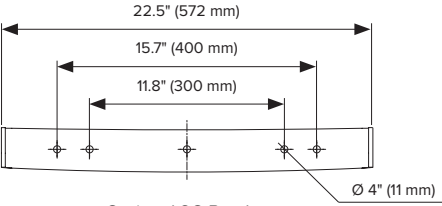
Front View



Side View



Standard Bracket



Optional 3G Bracket

Specification Matrix

LS9182	-			84							006
--------	---	--	--	----	--	--	--	--	--	--	-----

Power Consumption	Code
119 W	119D ¹
132 W	132D

¹ Very narrow (VN) beam angle option only

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

Connection Type	Code
Flexible, single entry cable for hardwired installations	84

Beam Angles	Code
4.5°	VN
5°	NX
10°	NR
15°	NM
30°	ME
45°	WD
65°	WF
10° x 40°	NH
40° x 10°	NV
10° x 60°	LH
60° x 10°	LV
20° x 40°	MH
40° x 20°	MV
20° x 60°	WH
60° x 20°	WV

Mounting	Code
Standard Bracket	S
3G Rated Bracket	G ¹

¹ Also provides compatibility with Pole Clamp

Input Voltage	Code
220 to 240 Vac, 50 Hz (International)	01
120/277 Vac, 60 Hz (North America)	09

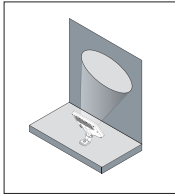
Control	Code
Non-Dimmable	ND
DALI (International)	DL
0-10 V (North America)	AH

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

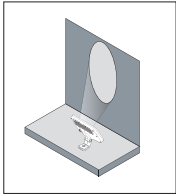
¹ RAL color required

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

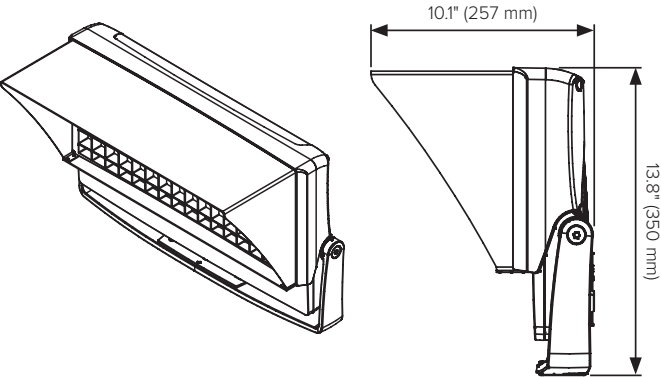
A range of shielding and glare control accessories are available for the Quadralux Q8 Spotlight.



Specification Matrix

Louver Length	Code	Finish	Code
Accessory Holder	LS6226	Black	BL
45° Visor	LS6228	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	CC¹
		¹RAL color required	

Technical Drawings



Mounting Accessories

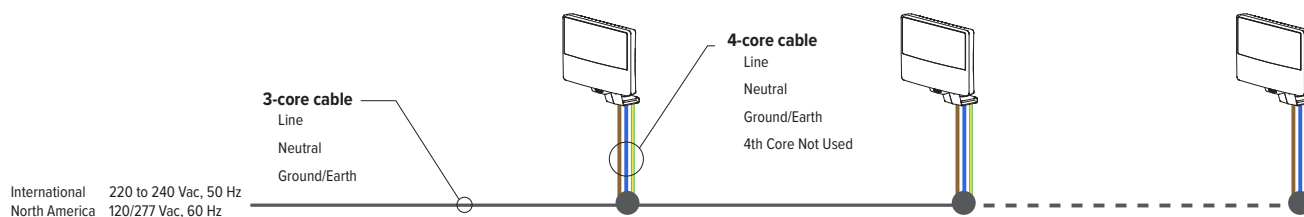
Pole Clamp (3G bracket must be used when using this mounting option)
 Provides an easy method of installing the fixture onto a pole, while retaining full aiming and adjustability. Available in 4.0" (102 mm), 4.5" (114 mm) and 5.0" (127 mm) options.



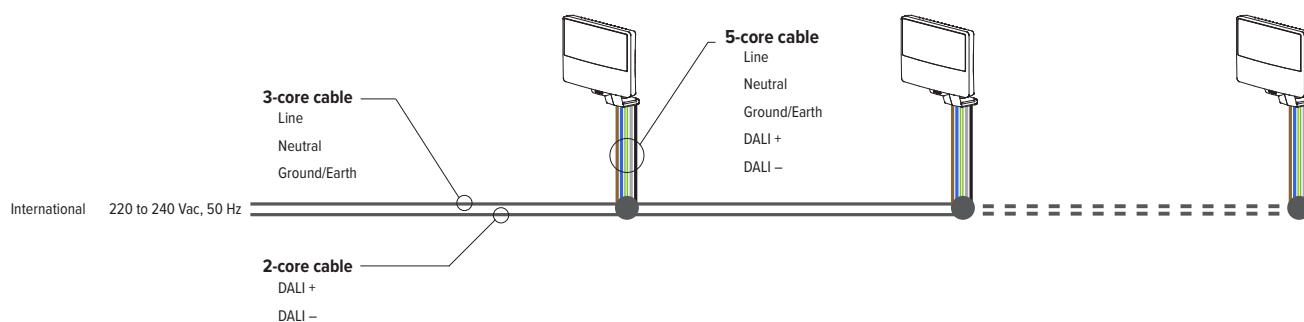
NOTE:
 3G Bracket MUST be used when using this mounting option

Specification Matrix

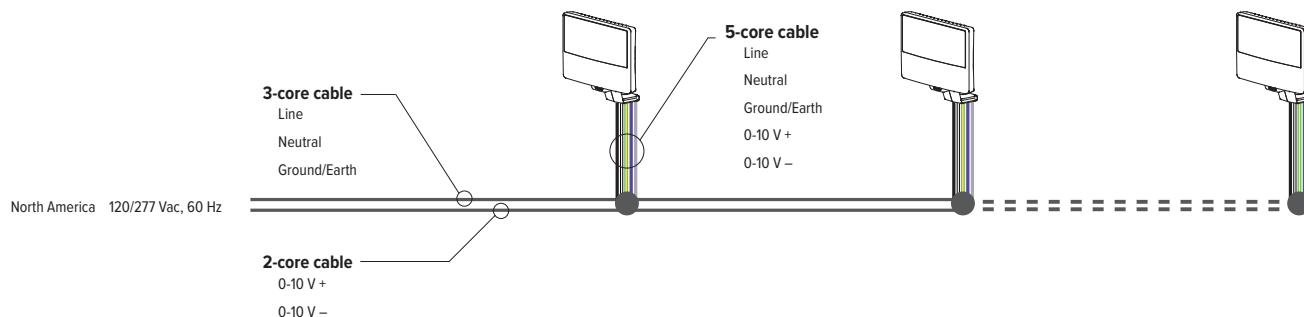
Network Topology – Non-Dimmable



Network Topology – Line Voltage 220 to 240 Vac DALI



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



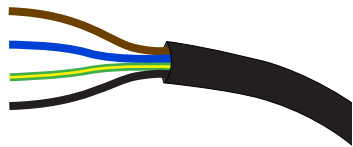
NOTE:

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



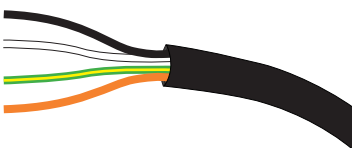
Line Voltage 220 to 240 Vac, DALI – International

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

