



The Kololux K6 is a large, high-powered, architectural-grade projector featuring Lumascope’s patented Kompass technology that provides the ability to rotate elliptical beams through 360°. Helping to illuminate angled and curved architectural features, sculptural objects and organic natural elements with ease, the technology also provides flexibility in difficult mounting applications enabling the fitting to be mounted on uneven and angled surfaces while providing vertical or horizontal illumination.

Packed with additional features including EasyGlow™ visual comfort, CoolDrive™ and thermal management technologies.

Up to 688,400 Candela

Performance

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
2,700 K (80 CRI)	6,600	94	115,000
3,000 K (80 CRI)	7,160	102	124,700
3,500 K (80 CRI)	7,160	102	124,700
4,000 K (80 CRI)	7,440	106	129,600
5,000 K (70 CRI)	7,440	106	129,600

¹ Lumen output values are based on a 10° lens

4.5° Beam Angle (VN Option)

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
2,700 K (80 CRI)	6,260	81	610,400
3,000 K (80 CRI)	6,790	87	662,400
3,500 K (80 CRI)	6,790	87	662,400
4,000 K (80 CRI)	7,060	91	688,400
5,000 K (70 CRI)	7,060	86	688,400

¹ Lumen output values are based on a 4.5° lens

Beam Angles	4.5°, 5°, 10°, 15°, 30°, 45°, 65°, 40° x 10°, 60° x 10°, 40° x 20°, 60° x 20°
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Electrical

Power Consumption	< 77 W	
Lifetime	>86,935 hrs @122°F (50°C) ambient (B10, L90, TM21 Projected)	
Input Voltage	International	220 to 240 Vac, 50 Hz
	North America	120/277 Vac, 60 Hz
	Low Voltage	30-48 Vdc
Thermal Management	CoolDrive™ onboard thermal monitoring and control	

Control

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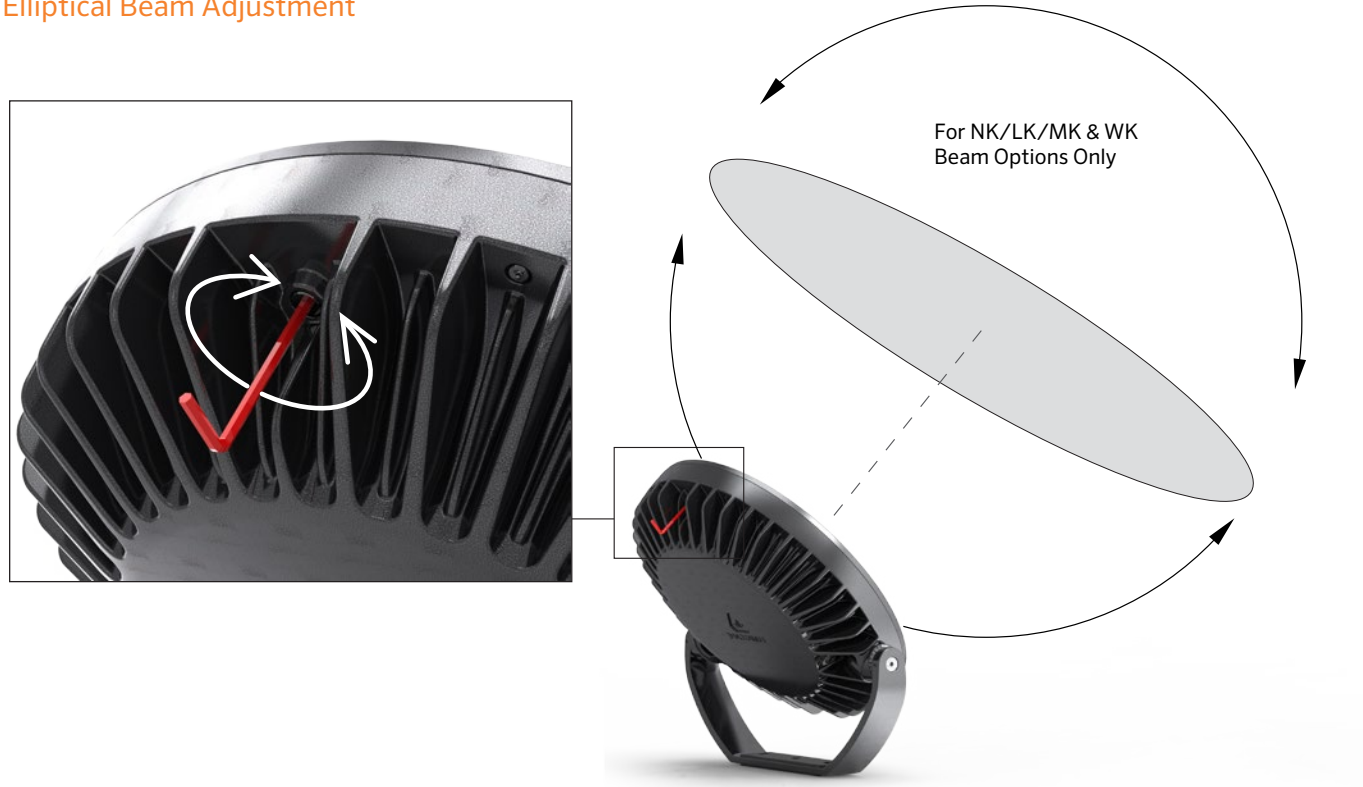
Physical

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)
Effective Projected Area	1.2 ft² (0.1 m²)
Weight	22.9 lb (10.4 kg)

Certification & Compliance

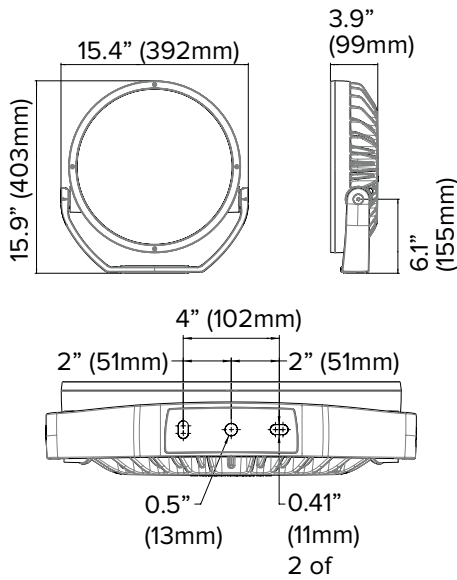
IP Rating	IP66 / IP67 (Passes IP68 test)
IK Rating	IK10
Vibration Resistance	3G Rating (ANSI C136.31) <i>With optional 3G Bracket</i>
Environment	Dry, Damp, Wet locations
Certifications	UL, CE, RCM, FCC

Elliptical Beam Adjustment

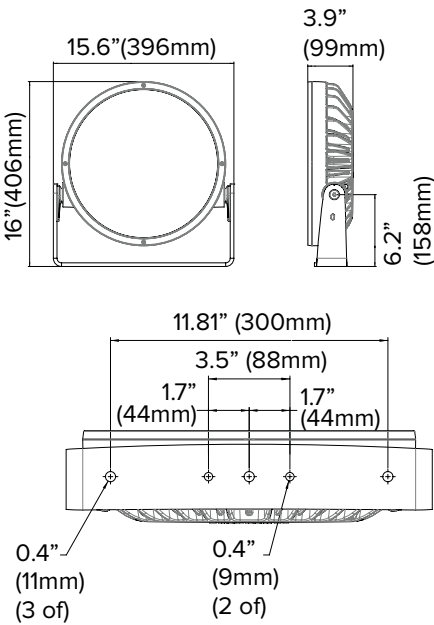


Dimensions

K6 with standard bracket



K6 with 3G bracket



Projector Specification Matrix

LS9362	-	80D		84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</
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Pendant Specification Matrix

LS9362	-	80D				P				006
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Power Consumption	Code
77 W	80D

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
Wiring Terminal provided for termination directly to the luminaire (IP54)	24
Flexible, single entry cable for hardwired installations (length of supply cable is 2ft (0.6m) from the ceiling canopy)	84

For IP66/67 termination, use code 84 connection type.

Beam Angles	Code
4.5°	VN
5°	NX
10°	NR
15°	NM
30°	ME
45°	WD
65°	WF
40° x 10°	NK*
60° x 10°	LK*
40° x 20°	MK*
60° x 20°	WK*

*Can rotate beams through 360° using Kompass technology

Mounting	Code
Pendant Mount	P

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

Control	Code
DALI (International)	DL
0 to 10V (NorthAmerica)	AH
Non-Dimmable	ND

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

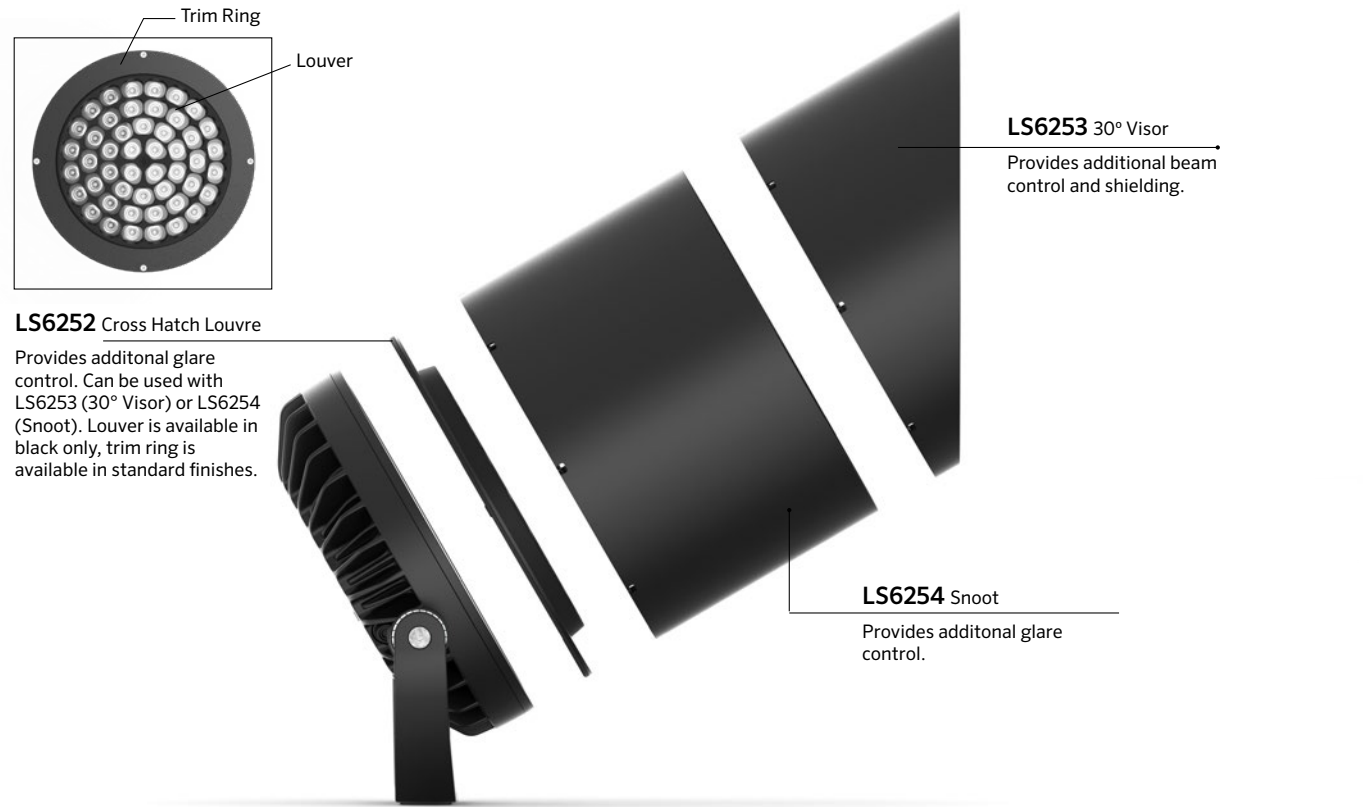
¹RAL color required

Pendant Rod Length	Code
1' (0.3m)	001
2' (0.6m)	002
3' (0.9m)	003
4' (1.2m)	004

Accessories

Shielding & Glare Control

A range of shielding and glare control accessories are available to suit the Kololux K6 Spotlight.

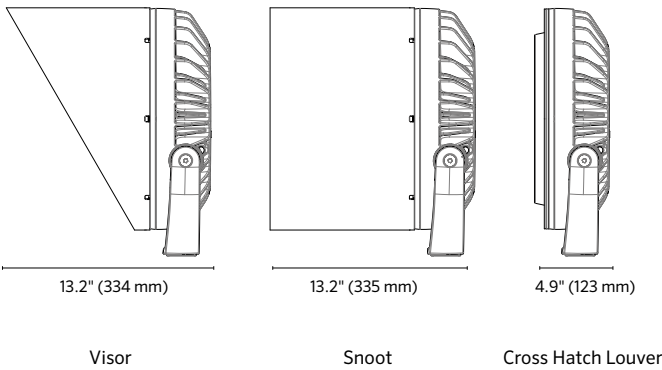


Specification Matrix

Louvers		Accessories	
Louver Length	Code	Finish	Code
Snoot	LS6254	Black	BL
30° Visor	LS6253	Anthracite Gray	AG
Cross Hatch Louver	LS6252	Basalt Gray	BT
Custom Visors are available on request. Contact Lumascape for more information.		Graphite Gray	GH
		Anodic Silver	SL
		White	WT
		Dark Bronze	DB
		Latte	LT
		Dark Aluminum	DA
		Custom RAL	CC ¹

¹RAL color required

Technical Drawings



Pendant Mount



Pendant Mount with
Cross Hatch Louvre
(LS6252)

Pendant Mount Available in 1' (0.3m), 2' (0.6m), 3' (0.9m) and 4' (1.2m) rod lengths.

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 3.0" (76 mm), 4.0" (102 mm), 4.5" (114 mm) and 5.0" (127 mm) options.
LS6317, LS6318, LS6319, LS6320

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

Specification Matrix

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Mounting Accessories	Code
3.0" (76 mm) Pole Clamp	LS6317
4.0" (102 mm) Pole Clamp	LS6318
4.5" (114 mm) Pole Clamp	LS6319
5.0" (127 mm) Pole Clamp	LS6320

Luminaire must be ordered with a 3G rated bracket.

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

¹RAL color required



Wall/Pole Arm Minimum 3.0" (76 mm) to maximum pole or wall.
LS6258

Specification Matrix

Mounting Accessories	Code
Minimum 3.0" (76 mm) to maximum pole or wall. Pole/Wall mount arm	LS6258

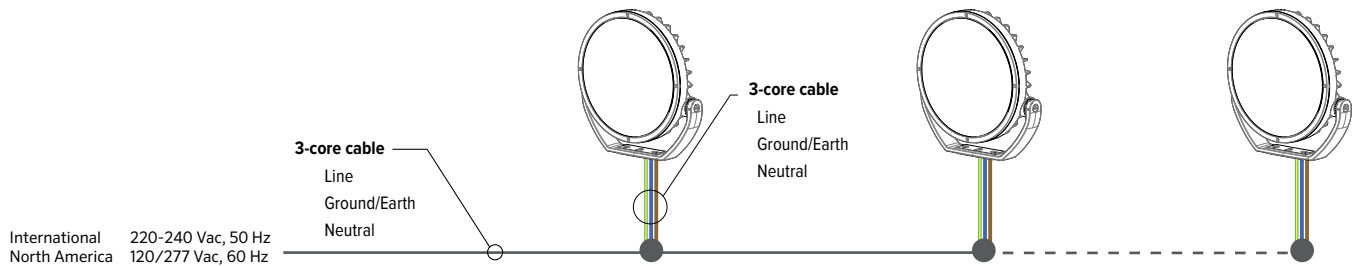
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Model	Code
K6 with standard bracket	S
K8 with standard bracket	8
K6/K8 with 3G rated bracket	G

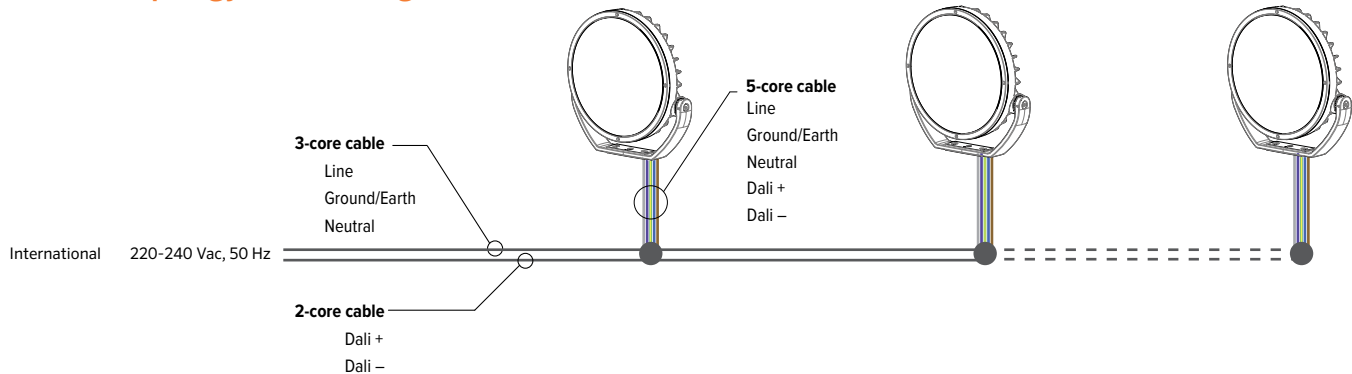
Finish	Code
Black	BL
Anthracite Gray	AG
Basalt Gray	BT
Graphite Gray	GH
Anodic Silver	SL
White	WT
Dark Bronze	DB
Latte	LT
Dark Aluminum	DA
Custom RAL	CC ¹

¹RAL color required

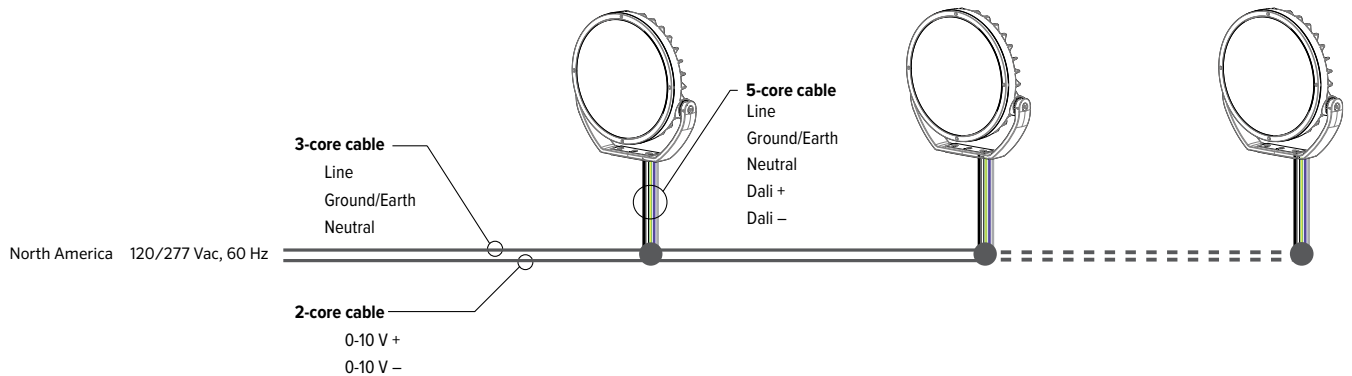
Network Topology – Line Voltage 220 to 240 Vac, 120/277 Vac Non-Dimmable



Network Topology – Line Voltage 220 to 240 Vac DALI



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



NOTE:
For all luminaire wire colors and designations see page 9.

Connectorized Accessories – Line Voltage 220 to 240 Vac

Leader Cables – Line Voltage 220 to 240 Vac (For Connection Type 77 Only)

1.5 mm² or 2.5mm² for use in CE/CCC installations. Compatible with all luminaires with Type 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit. Comes complete with a matching End of Circuit Terminator Plug.

Not suitable for use in North America

Cable Type	Code	Cable Type	Code	Length	Code
1.5 mm ²	LS6402C	Non-Dimmable (4-core cable)	ND	6' (2 m)	006
2.5 mm ²	LS6402C-2.5	DALI (5-core cable)	DL ¹	10' (3 m)	010
				32' (10 m)	032
				50' (15 m)	050

¹ Available in 1.5 mm² cable only

Jumper Cables – Line Voltage 220 to 240 Vac (For Connection Type 77 Only)

1.5 mm² or 2.5mm² for use in CE/CCC installations. Compatible with all luminaires with 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit.

Not suitable for use in North America

Cable Type	Code	Cable Type	Code	Length	Code
1.5 mm ²	LS6404C	Non-Dimmable (4-core cable)	ND	1' (0.3 m)	001
2.5 mm ²	LS6404C-2.5	DALI (5-core cable)	DL ¹	2' (0.6 m)	002
				3' (1 m)	003
				4' (1.2 m)	004
				6' (2 m)	006
				10' (3 m)	010
				16' (5 m)	016
				26' (26 m)	026
				32' (10 m)	032
				50' (15 m)	050

¹ Available in 1.5 mm² cable only

Connectorized Accessories – Line Voltage 120/277 Vac

Leader Cables – Line Voltage 120/277 Vac (For Connection Type 77 Only)

14 AWG cable for use in UL installations. Compatible with all luminaires with Type 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit. Comes complete with a matching End of Circuit Terminator Plug.

For use in North America ONLY

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Cable Type	Code	Cable Type	Code	Length	Code
14 AWG	LS6402U	Non-Dimmable (4-core cable)	ND	6' (2 m)	006
		0-10 V (5-core cable)	AH	10' (3 m)	010
				32' (10 m)	032
				50' (15 m)	050

Jumper Cables – Line Voltage 120/277 Vac (For Connection Type 77 Only)

14 AWG for use in UL installations. Compatible with all Luminaires with Type 73 or 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit.

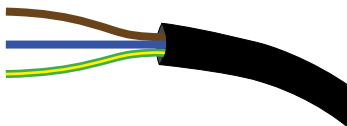
For use in North America ONLY

		-			
Cable Type	Code	Cable Type	Code	Length	Code
14 AWG	LS6404U	Non-Dimmable (4-core cable)	ND	1' (0.3 m)	001
		0-10 V (5-core cable)	AH	2' (0.6 m)	002
				3' (1 m)	003
				4' (1.2 m)	004
				6' (2 m)	006
				10' (3 m)	010
				16' (5 m)	016
				26' (26 m)	026
				32' (10 m)	032
				50' (15 m)	050

Luminaire Wire Colors & Designations

Non-Dimmable Line Voltage 220-240 Vac - International

Designation	Color
Line	Brown
Neutral	Blue
Ground/Earth	Green / Yellow



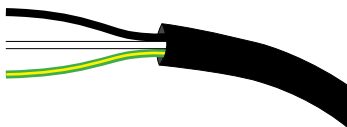
DALI Line Voltage 220-240 Vac - International

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



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

Designation	Color
Line	Black
Neutral	White
Ground/Earth	Green / Yellow



0-10 V Line Voltage 120/277 Vac - North America

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

