UL Option

CE Option

The most compact and versatile, remote driver surface mounted luminaire in its class, featuring a light output and energy efficiency surpassing 35 W Metal Halide. Packed with features including **EasyGlow**™ visual comfort and **CoolDrive**™ thermal management technologies. Unique, flexible mounting and glare control accessories enable installation in multiple orientations. Available with a concrete anchor, the height of the luminaire allows the light head to stand above vegetation for an unobstructed cast of light. Available with integrated Dali control, 0-10 V dimming or as non-dimmable.

Performance

Static White & Color[1]	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
⬤ 2,700 K (80 CRI)	2,080	89	45,400
⬤ 3,000 K (80 CRI)	2,270	97	49,400
◯ 3,500 K (80 CRI)	2,360	101	51,400
⬤ 4,000 K (80 CRI)	2,450	105	53,400
⬤ 5,000 K (70 CRI)	2,270	97	49,400

[1] Lumen output values are based on a 10° lens.

Beam Angles	10°, 13°, 20°, 26°, 47°, 10° x 40° 40° x 10°, 20° x 60°, 60° x 20°

DALI **0-10 V** ⊗

:easy**glow**™ ⚡cool**drive**™ ≋human**touch**™ ▼opti**clear**™

ETL Intertek CE ⬦

Electrical

LED Power	22 W
Power Consumption	24 W
Lifetime (L70)	>60,000hrs (B10, L70, TM21)
Input Voltage	International 220-240 Vac, 50 Hz North America 120/277 Vac, 60 Hz
Earth Leakage	0.16 mA @ 240 V *(CE)*
Thermal Management	**CoolDrive**™ onboard thermal monitoring and control.

Control

Protocols	Dali 2[1], 0-10 V[2], Non-Dimmable

[1] International Market Only
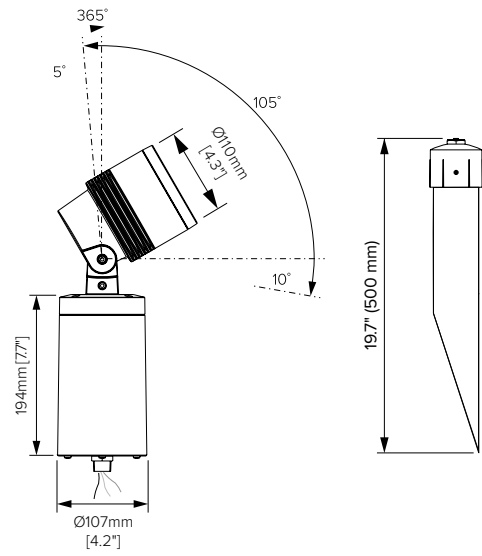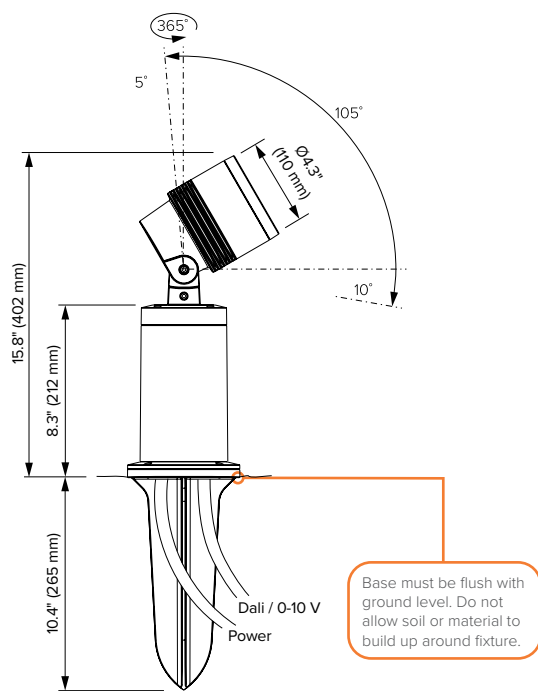[2] North American Market Only

Physical

Housing	Die-cast marine grade aluminum with tempered glass lens
Finish	Superior 9-step powdercoating process, including marine-grade epoxy undercoat and polyester top coat
Installation	Surface-mounted
Adjustable	Constant torque adjustable luminaire head
Ambient Operating Temperature	-40 °F to 122 °F (-40 °C to 50 °C)
Surface Temperature	≤138 °F (59 °C)
Weight	4.5 lbs (2.0 kg)
Effective Projected Area	1.1 ft^2 (0.1 m^2)

Certification & Compliance

IP Rating	IP66 / IP67 (Passes IP68 Test)
IK Rating	IK7
Environment	Dry, Damp, Wet locations
Certifications	ETL, CE, RCM

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Dimensions

365°

5°

105°

Ø4.3"
(110 mm)

10°

15.8" (402 mm)

8.3" (212 mm)

10.4" (265 mm)

Dali / 0-10 V

Power

Base must be flush with ground level. Do not allow soil or material to build up around fixture.

365°

5°

105°

Ø110mm
[4.3"]

10°

194mm [7.7"]

Ø107mm
[4.2"]

19.7" (500 mm)

UL Option

Specification Matrix

| LS2012 | – | 24D | | | | | |

Power Consumption	Code
24 W	24D

Static White & Colour	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 Angle	Code
10°	VN
13°	NR
20°	NM
26°	ME
47°	WD
10° x 40°	NH
40° x 10°	NV
20° x 60°	WH
60° x 20°	WV

Input Voltage	Code
220-240 Vac, 50 Hz	01[1]
120/277 Vac, 60 Hz	09[2]

[1] International Market Only
[2] North American Market Only

Control	Code
Non-Dimmable	ND
Dali	DL[1]
0-10 V	AH[2]

[1] International Market Only
[2] North American Market Only

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

[1] Please provide RAL colour.
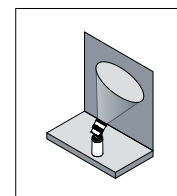
Beam Orientation for the "NH" and "WH" optical system
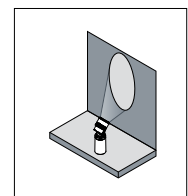
Beam Orientation for the "NV" and "WV" optical system

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Accessories

Shielding & Glare Control
An external glare control accessory suitable for use on the Centria series of luminaires.

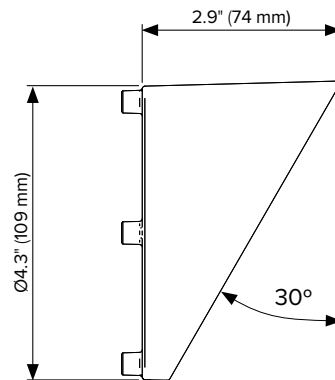## Specification Matrix

LS6104	–	

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

[1] Please provide RAL colour.

Technical Drawings
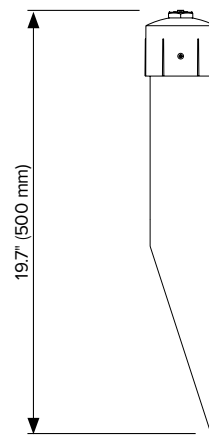
2.9" (74 mm)

Ø4.3" (109 mm)

30°

Accessories

Mounting Spike / Concrete Anchor – North American Market Only
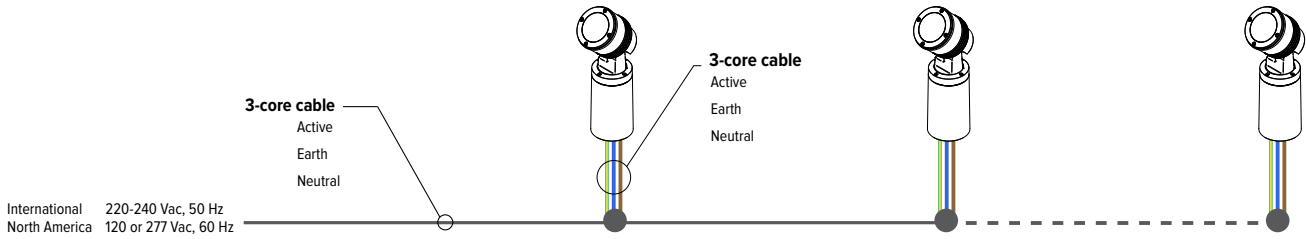Suitable for use with ground mount luminaires (order separately).

Specification Matrix

LS6054

Product	Code
Mounting Spike/Concrete Anchor	LS6054

Technical Drawings

19.7" (500 mm)

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Network Topology – Non-Dimmable

3-core cable
Active
Earth
Neutral

3-core cable
Active
Earth
Neutral

International   220-240 Vac, 50 Hz
North America   120 or 277 Vac, 60 Hz

Network Topology – DALI

3-core cable
Active
Earth
Neutral

International   220-240 Vac, 50 Hz

Dali

2-core cable
Dali +
Dali –

Network Topology – 0-10 V

3-core cable
Active
Earth
Neutral

North America   120 or 277 Vac, 60 Hz
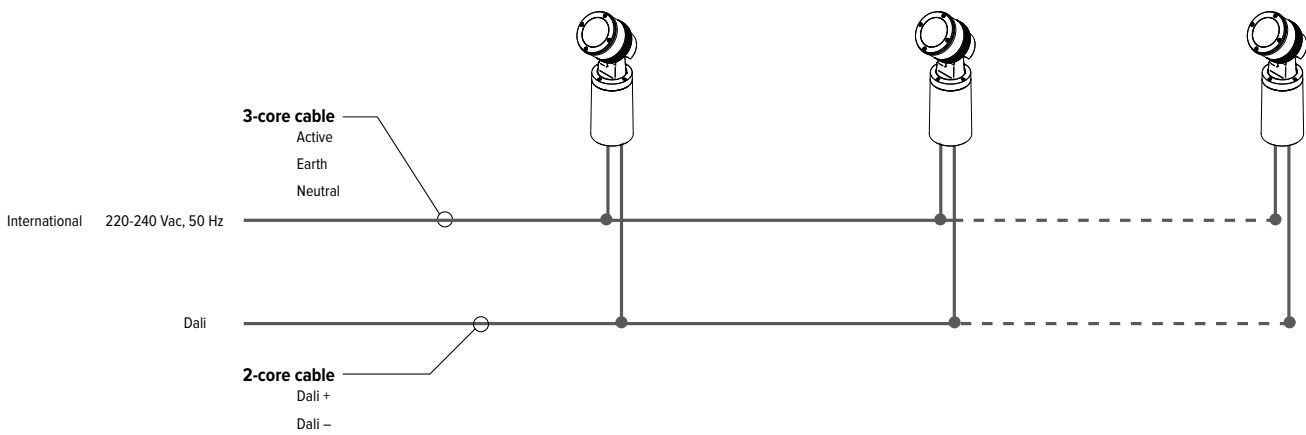
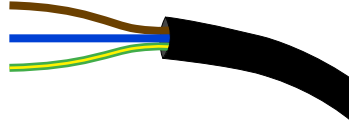0-10 V

2-core cable
0-10 V +
0-10 V –
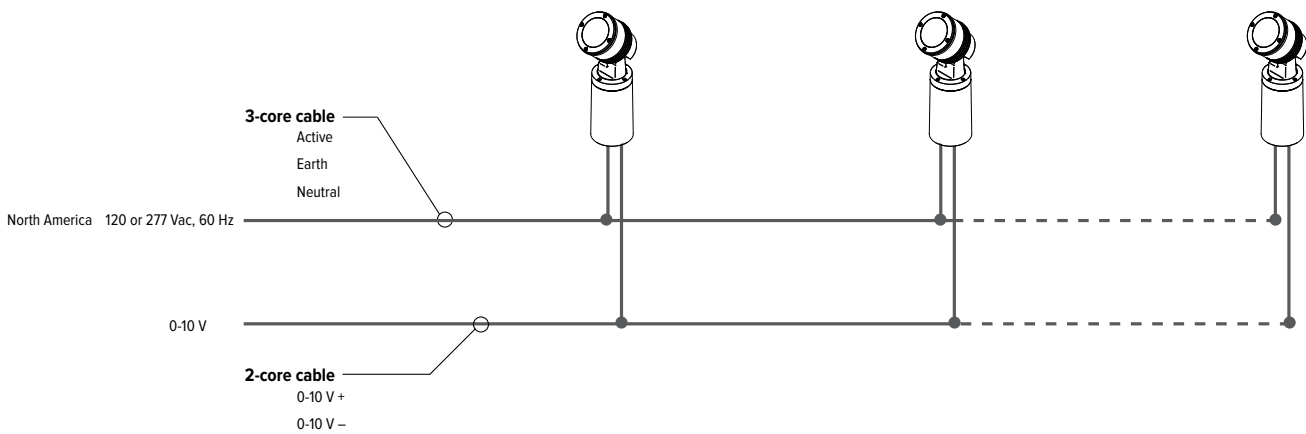
Note:

For all fixture wire colors and designations see page 8.

Fixture Wire Colors & Designations

Non-Dimmable – International

Designation	Color
Active	Brown
Neutral	Blue
Earth	Green / Yellow

DALI – International

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

Non-Dimmable – North America

Designation	Color
Active	Black
Neutral	White
Earth	Green
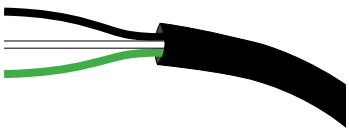
0-10 V – North America

Designation	Color
Active	Black
Neutral	White
Earth	Green / Yellow
0-10 V +	Purple
0-10 V –	Grey

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