



The LS452LED semi recessed Centria is ideal for signage illumination, wall washing and general landscape lighting applications where a low profile appearance is desired. LS452LED provides an alternative to traditional inground uplighting allowing efficient focusing of the light whilst minimising spill. The IP68 stainless steel driver enclosure below ground ensures long life. Choices of beam angles, light and glare control accessories are available.

SPECIFICATIONS

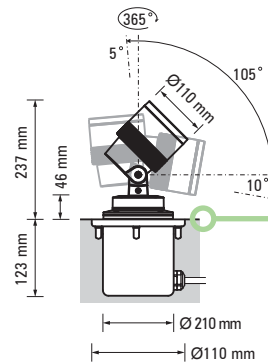
LED Source	LED 14 W or 27 W ⁽¹⁾ <input type="checkbox"/> White (4300 K typical) <input type="checkbox"/> Warm white (3000 K typical) <input type="checkbox"/> Blue (470 nm)
IP Rating	IP66 / IP67
Construction	Powder coated aluminium <input type="checkbox"/> Black <input type="checkbox"/> Silver Custom powder coat colours available.
Installation Type	Semi recessed LS647 mounting collar only LS647-K pre-installation concrete blockout (low voltage) LS637-K pre-installation concrete blockout (mains voltage)
Standard Inclusion	Integral driver OptiClear™ glass MicroAntiLeach™ cable entry
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	1 year structural, 1 year electrical
Accessories <i>Order separately</i>	LS6104 External glare shield
Photometrics	Go to www.lumascape.com.au ▶ Technical Data ▶ Photometric Files
Surface Temperature	HumanTouch™ compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

⁽¹⁾ Nominal power consumption only, actual power consumed may vary.

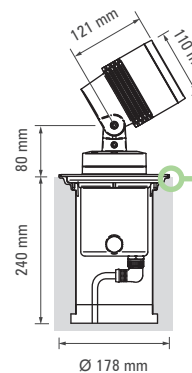


LS452LED Centria
Inground Gear Enclosure



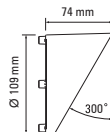
Direct Burial

NOTE: Cover must be flush with finished floor level. Do not allow soil or material to build up around fixture.



Pre-installation

LS647-K or LS637-K order separately



LS6104 External Glare Shield

 CONFIGURE THIS PRODUCT >

LS452LED → [] → [] → [] → [] → [] → [] → [] → [] → []

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4

COVER

Description	Material	Finish	Code
Recessed ⁽¹⁾	Stainless steel	Polished	B
Round flush ⁽¹⁾ <i>Direct burial</i>	Stainless steel	Polished	D
Round flush ⁽²⁾ <i>Pre-install & mounting collar</i>	Stainless steel	Polished	M

⁽¹⁾ Not compatible with pre-install or mounting collar.
⁽²⁾ Use only with pre-install or mounting collar - order separately.

CABLE ENTRY TYPE

Description	Code
Armoured cable and J-Box ⁽¹⁾	81
Single gland entry, MicroAntiLeach ™ ⁽²⁾	84
IP68 connector and J-Box ⁽³⁾	85

⁽¹⁾ Not compatible with pre-install or mounting collar. Not available for RGB.
⁽²⁾ Not compatible with pre-install.
⁽³⁾ Use only with pre-install LS637-K or LS647-K - order separately.
NOTE: Consult factory for other cable entry options.
Consult factory for LS647 mounting collar for decks and grates.

OPTICAL SYSTEM

Beam	Code
Narrow ⁽¹⁾ 14°	N
Medium 30°	M
Linear horizontal ⁽¹⁾ 40° x 20°	LH
Linear vertical ⁽¹⁾ 20° x 40°	LV

NOTE: Aims with luminaire.
Beam angle values are nominal.

INSTALLATION TYPE

Description	Code
Direct burial	21
Mounting collar ⁽¹⁾	23
Pre-installation concrete blackout ⁽²⁾	

⁽¹⁾ Requires LS647 mounting collar - order separately.
⁽²⁾ Requires LS637-K for line voltage (code 1) or LS647-K for low voltage (code 7) - order separately.

CABLE ENTRY LOCATION

Description	Code
Side ⁽¹⁾	N
Bottom	Q

⁽¹⁾ Not compatible with pre-install or mounting collar.

SUPPLY VOLTAGE

Voltage	Code
100-240 V AC, 50/60 Hz	1
24 V DC ⁽¹⁾	7

⁽¹⁾ Requires remote power supply.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS