

LS393 - 293 X B 81 XK 21 P 7

MR16, borosilicate lens, polished stainless steel
recessed cover configuration depicted



LS393 - 293 X D 81 XK 21 P 7

MR16, borosilicate lens, polished stainless steel
round flush cover configuration depicted



LS393 - 293 X U 81 XK 21 P 7

MR16, borosilicate lens, polished stainless steel
square flush cover configuration depicted



LS393 - 293 A M 85 XK 23 R 7

MR16, **OptiClear™** lens, polished stainless steel
flush pre-installation cover configuration depicted

Note: To specify for pre-installation order with **LS647-K**
pre-installation / concrete blackout kit



C762 20-06-2008

| Lighting Designer | Fixture |
|-------------------|---------|
| | |
| Supplier | |

SOURCE

12V, MR16 (50W max)

Remote or integral transformer only (order separately)

FEATURES

Ingress protection rating - IP68

OptiClear™ max static load - 3750kg

Applied to a 50mm diameter area in the centre of the glass

Corrosion resistant 316 stainless steel
- marine grade

Modular design, adjustable gimbal for easy installation and maintenance

Adjustable lamp angle to 20°

Non-galling clinch nuts dramatically reduce cross threading or binding

Self resetting thermal protection device to protect unit from overheating

Corrosion resistant stainless steel cover fasteners

Internal honeycomb louvre

OPTIONS

HumanTouch™ total temperature reduction technology

OptiClear™ lens for increased efficiency

High optical transmission, toughened

GripGlass™ slip resistant safety glass

Recessed, round flush and square flush covers

Installation

- Direct burial
- Mounting collar (decks and grates)
- Pre-installation (concrete blackout and drive-over)



humantouch™



gripglass™

Any luminaire can become hot – caution should always be used in both appropriate use and placement

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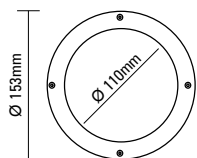
COVERS & INSTALLATION TYPES

Recessed Cover

Where no cover overhang is desired

Depicted previous page

- SS316: Polished
- SS316: Brushed
- Brass: Polished

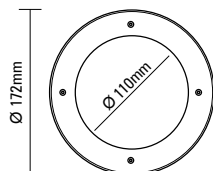


Round Flush Cover

For surfaces where the cover has to conceal a gap between luminaire and surround

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- SS316: Polished
- SS316: Brushed
- Brass: Polished

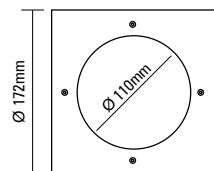


Square Flush Cover

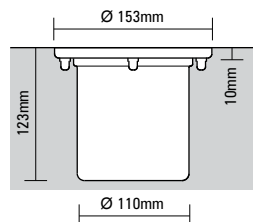
For surfaces where the cover has to conceal a gap between luminaire and surround

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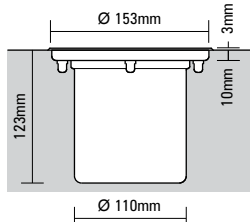
- SS316: Polished
- SS316: Brushed
- Brass: Polished



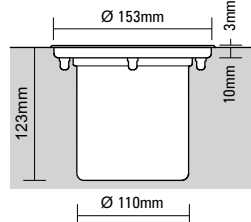
Direct Burial



Direct Burial



Direct Burial

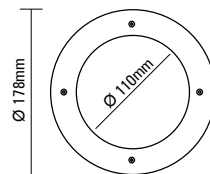


Mounting Collar Flush Cover

For use with pre-installation kit

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- SS316: Polished
- SS316: Brushed
- Brass: Polished
- Brass: Brushed

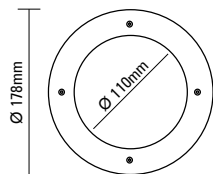


Pre-installation Cover

For use with pre-installation kit

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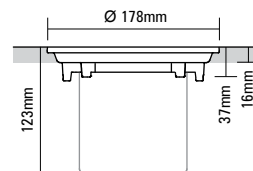
- SS316: Polished
- SS316: Brushed
- Brass: Polished
- Brass: Brushed



LS647 Mounting Collar for Decks and Grates

Sold separately as accessory

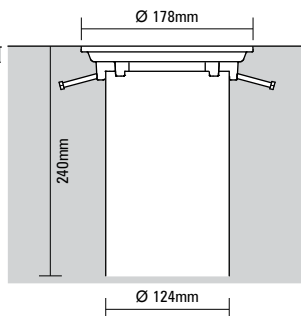
For installation in decks and grates. May also be used in hollow floors where there is appropriate ventilation



LS647-K and LS647-K-MV Pre-Installation Kit for Concrete and Drive-over

Sold separately as accessory

For drive-over or for concrete and similar installations, and for when it may be preferable to install mounting location and cable before installing luminaire



LS647-K

For low voltage

647-K-MV

For mains voltage

LENS OPTIONS

Borosilicate Glass

Ideal for general use areas
Not suitable for drive-over application



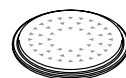
OptiClear™ Glass

Glass of very high optical purity and load strength

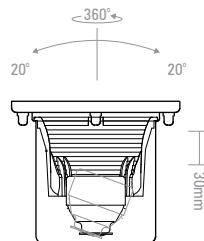


GripGlass™

OptiClear™ glass with slip reduction glazing process



OPTICAL SYSTEM



Adjustable
MR16

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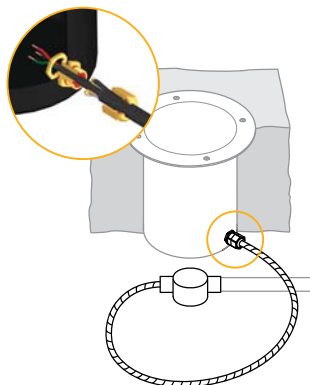
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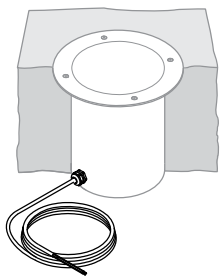
CABLE ENTRY OPTIONS



FOR DIRECT BURIAL

Armoured Cable and J-Box

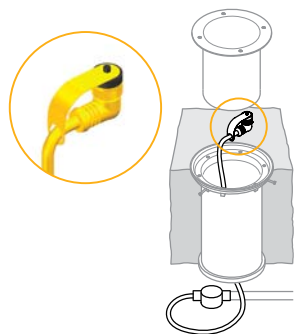
0.6m provides armoured cable protection against damage to cable between luminaire and J-Box (included) negating need to further insulate with conduit.



FOR DIRECT BURIAL

Single Gland Entry, Anti-leach Cable

MicroAntiLeach™ and 3m cable provides additional protection to luminaire against water ingress via cable.

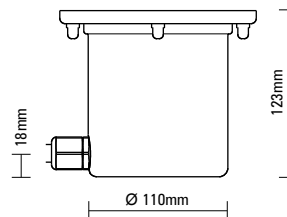


FOR PRE-INSTALLATION

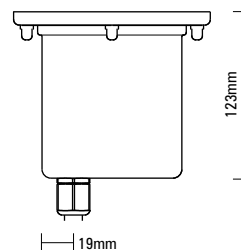
IP68 Connector and J-Box

For use with LS647-K and LS647-K-MV pre-installation kit for concrete blockout and drive-over applications. Supplied with IP68 connector, 0.8m cable connected to J-Box.

CABLE ENTRY LOCATION



Side entry



Bottom entry

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