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LS393

Ingrade



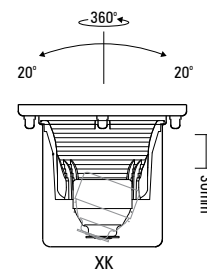
Specifications

Lamp source	35W max MR16 IRC (GU5.3)
UL classification	Suitable for wet locations
IP rating	IP68
Construction	316 marine grade stainless steel
Installation types	Direct burial, landscapes, etc. Pre-installation blockout, drive-over or other installations requiring pre-installation mounting kit.
Drive-over	With OptiClear™ lens and pre-installation blockout (LS647-K)
Static load rating	8300 lb (3750kg) with OptiClear™ lens and pre-installation blockout (LS647-K)
Impact rating	IK9 with OptiClear™ lens
Standard inclusions	Teflon coated cover screws MicroAntiLeach™ cable entry Thermal cutout Internal glare control louver
Ambient operating temperature	32°F to 122°F (0°C to 40°C)
Warranty	10 year structural, 1 year electrical
Accessories	Refer to accessories matrix behind <i>Order separately</i>
Photometrics	Refer to www.lumascap.com
Glass temperature	HumanTouch™ compliant ≤149°F (≤65°C)

Any luminaire can become hot - take care with appropriate use and placement



LS393 Round Flush Cover

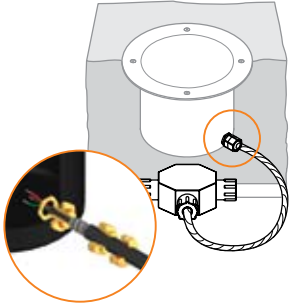


LS393 Direct Burial

Why Use Direct Burial

Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilized landscapes.

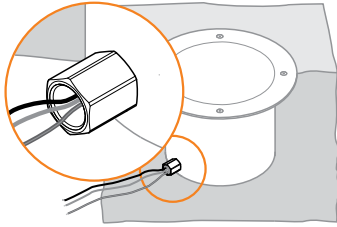
Cable Entry Options for Direct Burial



Armored Cable MC & Splice Box

Armored cable 2ft (0.6m) provides protection against damage to cable between luminaire and 4 way splice box (included). Allows for loop in/loop out and flexibility of luminaire placement.

Not available for RGB option




Single Conduit Entry 0.5in NPT

For 0.5in conduit installation with **MicroAntiLeach™** cable entry c/w 6.5ft (2.0m) hook-up wire.

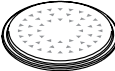
Not available for RGB option

Lens Options




OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.



Borosilicate Glass

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

Cover Options for Direct Burial

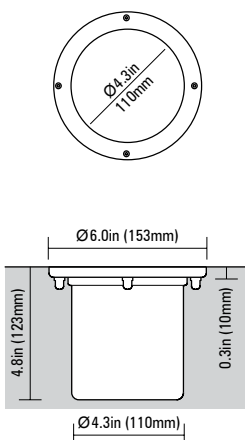
Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.



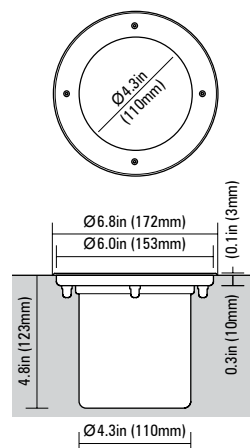
Recessed Cover

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



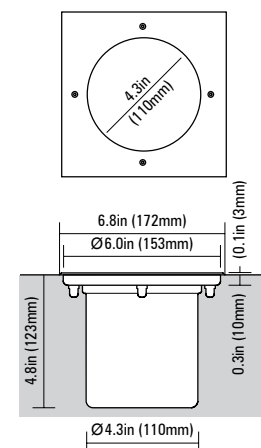
Round Flush Cover

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

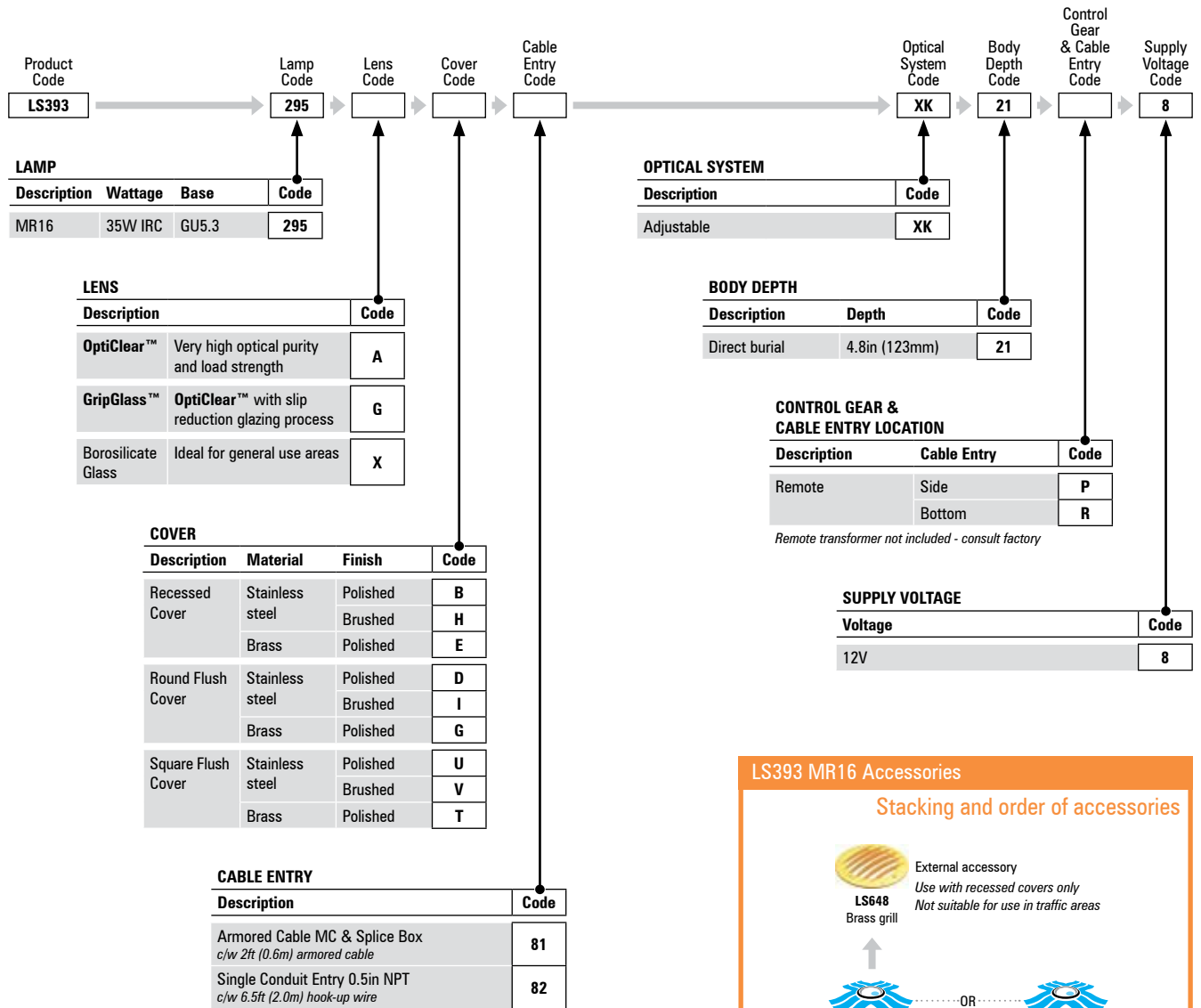


Square Flush Cover

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

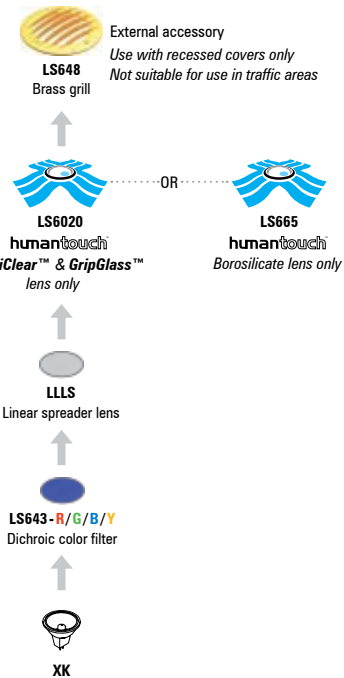


LS393 Direct Burial (MR16)



LS393 MR16 Accessories

Stacking and order of accessories



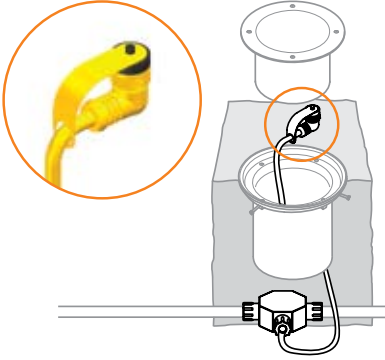
Other accessory stacking options may be available - consult factory

LS393 Pre-Installation Blockout

Why Use Pre-Installation Blockout

This type of installation requires the LS647-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing. The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Splice Box

The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS647-K, without the use of any tools. The cable is 1.8ft (0.56m) in length, and is factory assembled with a 4 way splice box.

For RGB option contact factory

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.

GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

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

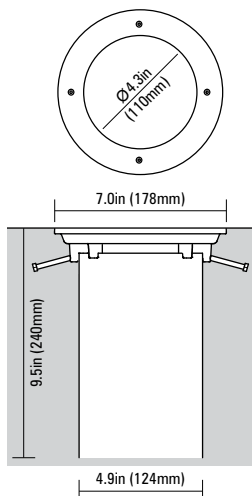
Cover Options for Pre-Installation Blockout

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 8260 lb (3750kg) are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



Pre-Installation Blockout Round Flush Cover

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



LS393 Pre-Installation Blockout (MR16)

