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LUMASCAPE USA
INC.

LS843

Ingrade



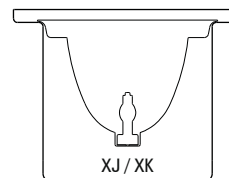
Specifications

Lamp source	22W MH / HIT BT5 (PGJ5)
UL classification	Suitable for wet locations
IP rating	IP68
Construction	316 marine grade stainless steel
Installation types	Direct burial, landscapes, etc. Pre-installation blackout, drive-over or other installations requiring pre-installation mounting kit.
Drive-over	With OptiClear™ lens and pre-installation blackout (LS6052-K)
Static load rating	9 260 lb (4 200kg) with OptiClear™ lens and pre-installation blackout (LS6052-K)
Impact rating	IK10 with OptiClear™ lens
Standard inclusions	Teflon coated cover screws MicroAntiLeach™ cable entry Thermal cutout Electronic control gear Humidity absorbing desiccant
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.lumascape.com
Glass temperature	HumanTouch™ compliant ≤149°F (≤65°C)

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



LS843 Round Flush Cover

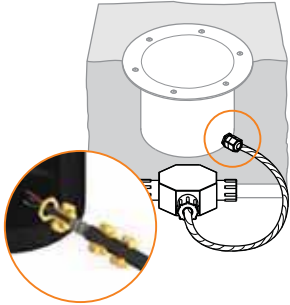


LS843 Direct Burial

Why Use Direct Burial

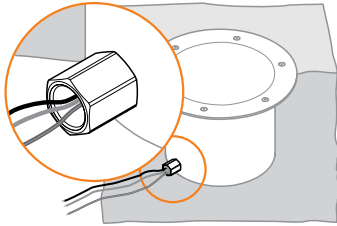
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilized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



Single Conduit Entry 0.5in NPT

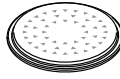
For 0.5in conduit installation with **MicroAntiLeach™** cable entry c/w 6.5ft (2.0m) hook-up wire.

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

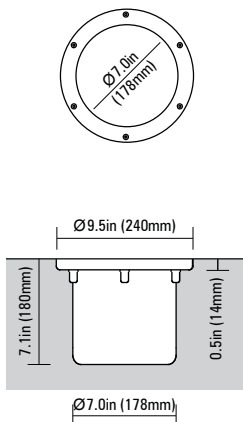
Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

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.



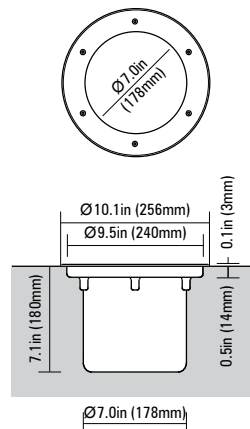
Recessed Cover

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



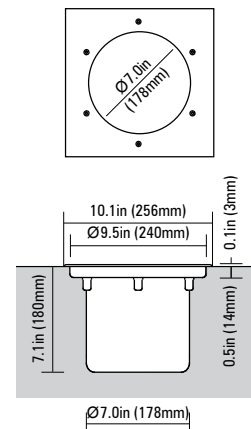
Round Flush Cover

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

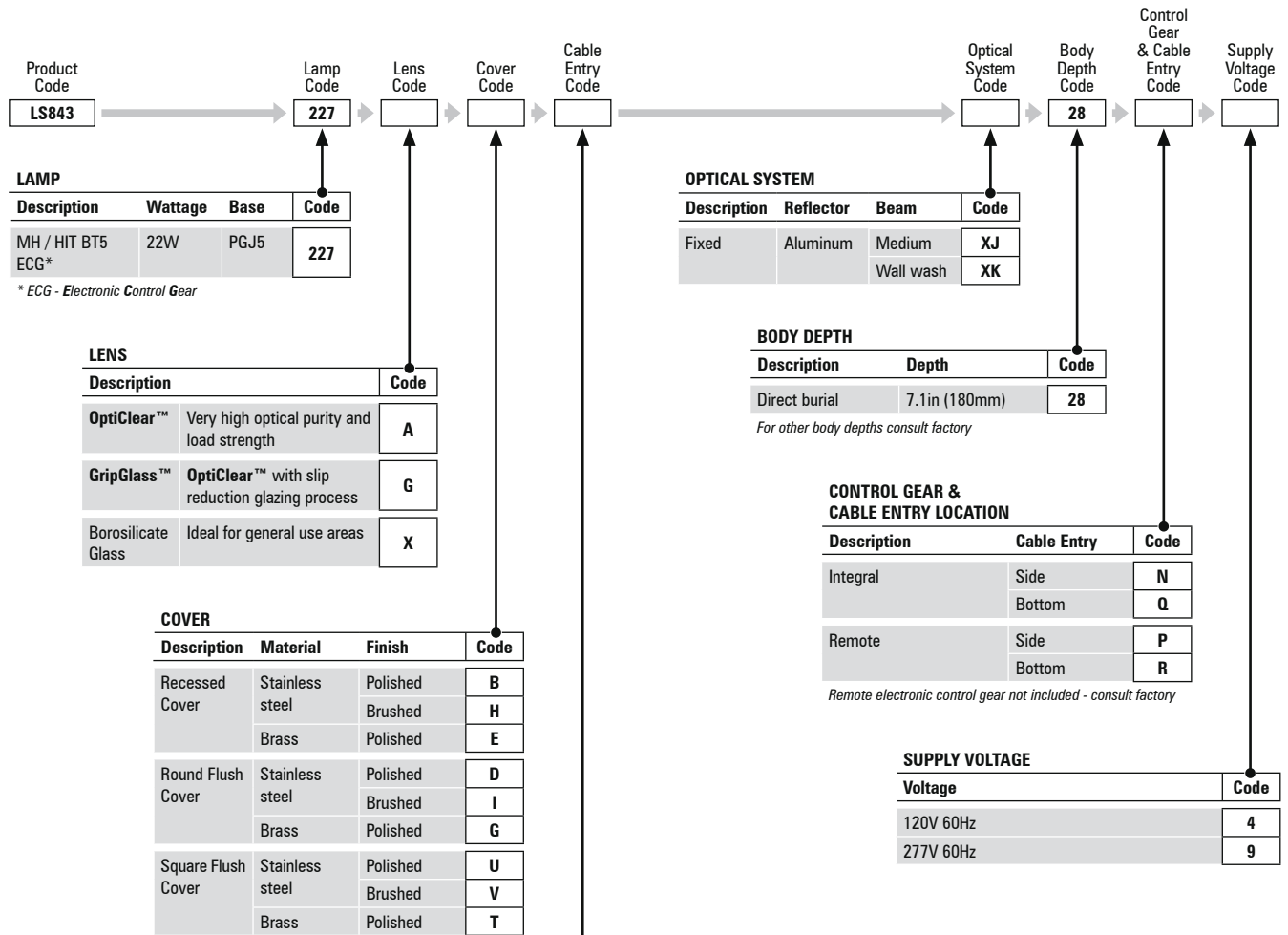


Square Flush Cover

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

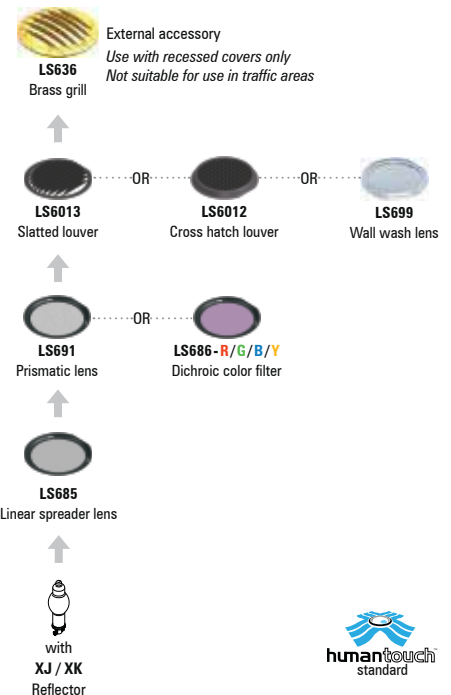


LS843 Direct Burial



LS843 Accessories

Stacking and order of accessories



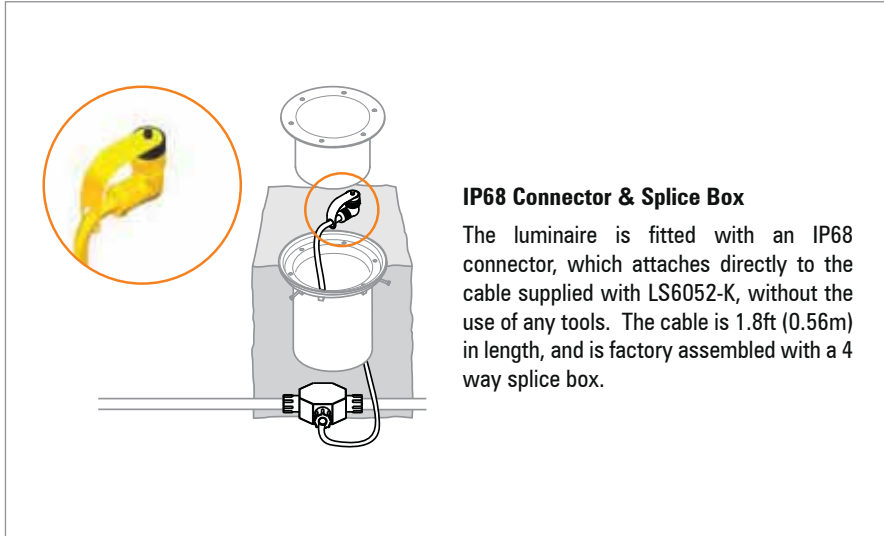
Other accessory stacking options may be available - consult factory

LS843 Pre-Installation Blockout

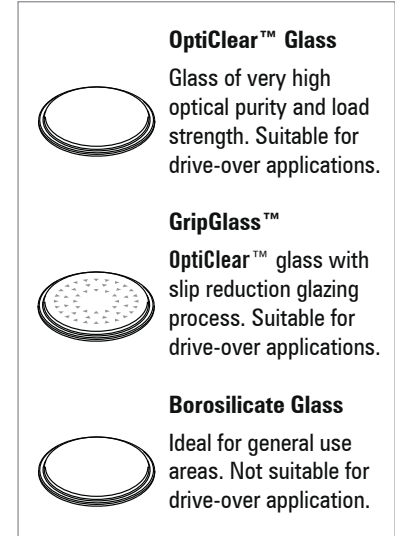
Why Use Pre-Installation Blockout

This type of installation requires the LS6052-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



Lens Options



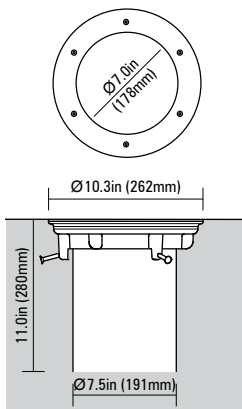
Cover Options for Pre-Installation Blockout

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 9 260 lb (4 200kg) are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.

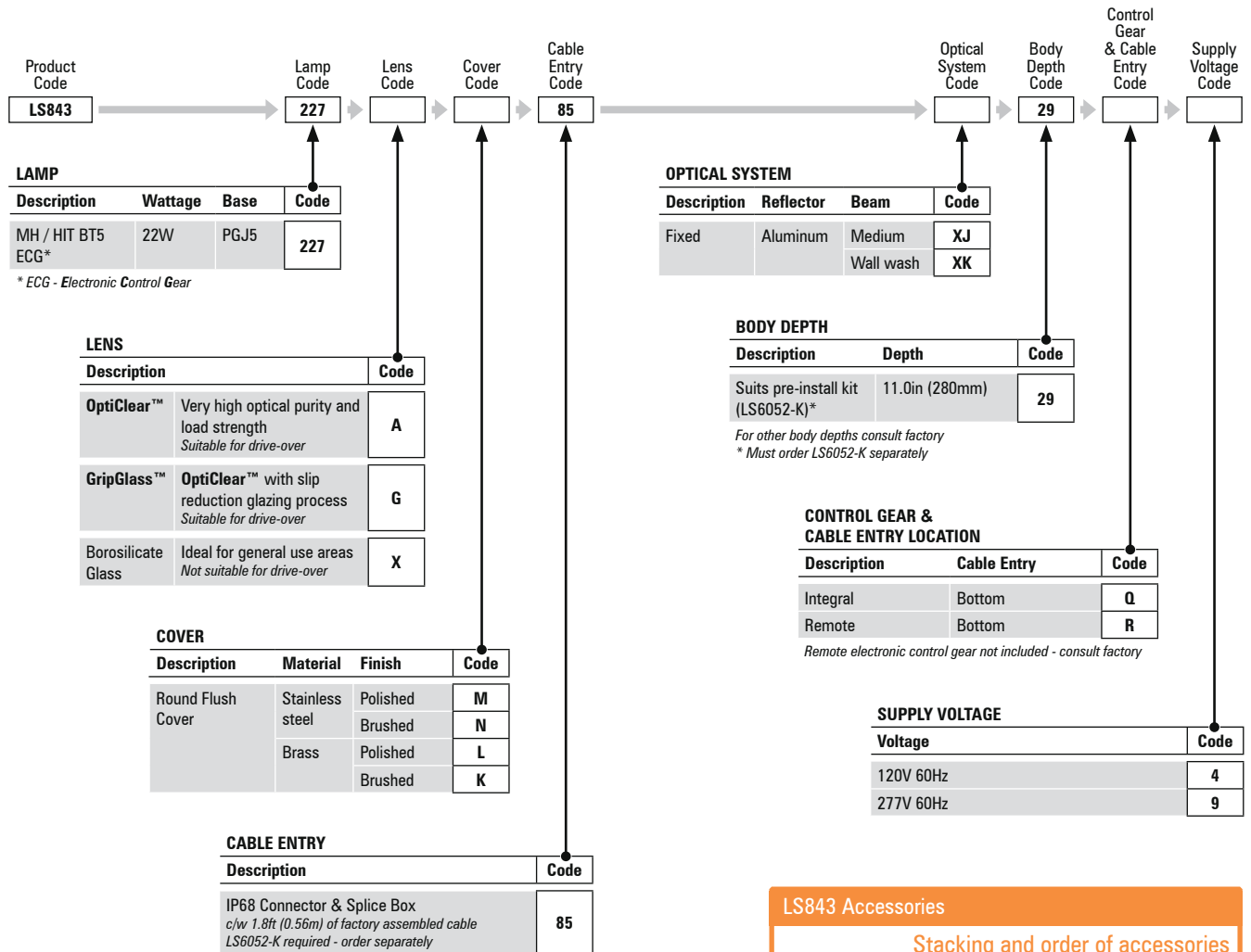


Pre-Installation Blockout Round Flush Cover

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



LS843 Pre-Installation Blockout



LS843 Accessories

Stacking and order of accessories

LS6013 Slatted louver

LS6012 Cross hatch louver

LS699 Wall wash lens

LS691 Prismatic lens

LS686-R/G/B/Y Dichroic color filter

LS685 Linear spreader lens

with XJ / XK Reflector

human touch standard

Other accessory stacking options may be available - consult factory