

LS343

Ingrade



Specifications

Lamp source	39W, 70W MH / HIT T6 (G12)
	39W, 70W MH R111 (GX8.5)
	39W, 70W MH PAR 30 (E26 medium)
	18W CFL / TC-TEL (G24-q2)
	26W, 32W CFL / TC-TEL (G24-q3)
	50W, 70W HPS / HSE (E26 medium)
	75W max HAL R111 (G53)
75W max PAR 20 - 38 (E26 medium)	
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 (LS640-K)
Static load rating	9 260 lb (4 200 kg) with OptiClear™ lens and pre-installation blackout (LS640-K)
Impact rating	IK10 with OptiClear™ lens
Standard inclusions	Teflon coated cover screws
	MicroAntiLeach™ cable entry
	Thermal cutout
	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 <a href="http://www.lumascap.com">www.lumascap.com</a>
Glass temperature ≤149°F (≤65°C)	HumanTouch™ compliant models
	39W, 70W MH / HIT T6
	18W, 26W CFL / TC-TEL
	50W HPS / HSE



LS343 Round Flush Cover

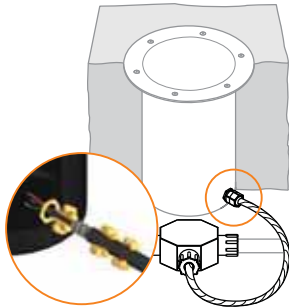
*Any luminaire can become hot - take care with appropriate use and placement*

# LS343 Direct Burial

## Why Use Direct Burial

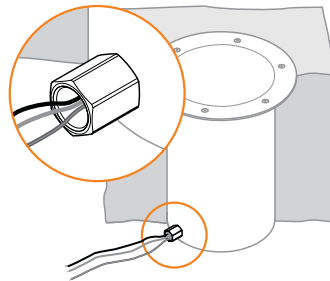
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilized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

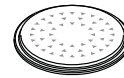
For 0.5in conduit installation with **MicroAntiLeach™** cable entry c/w 6.5ft (2.0m) hook-up wire.

## 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.

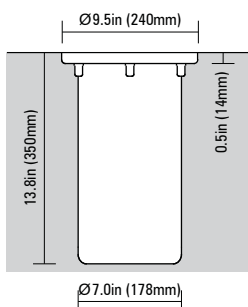
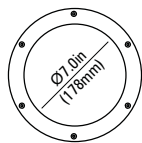
## Cover Options for Direct Burial

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



### Recessed Cover

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

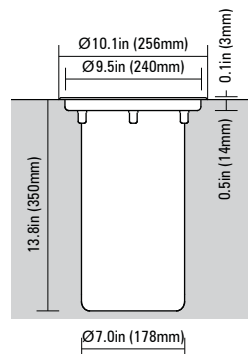
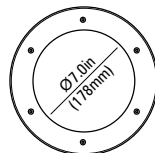


Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.



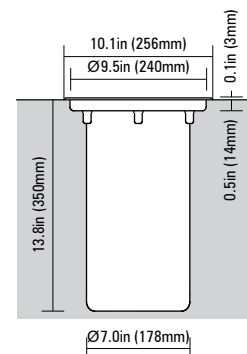
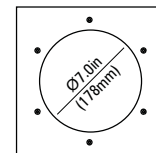
### Round Flush Cover

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

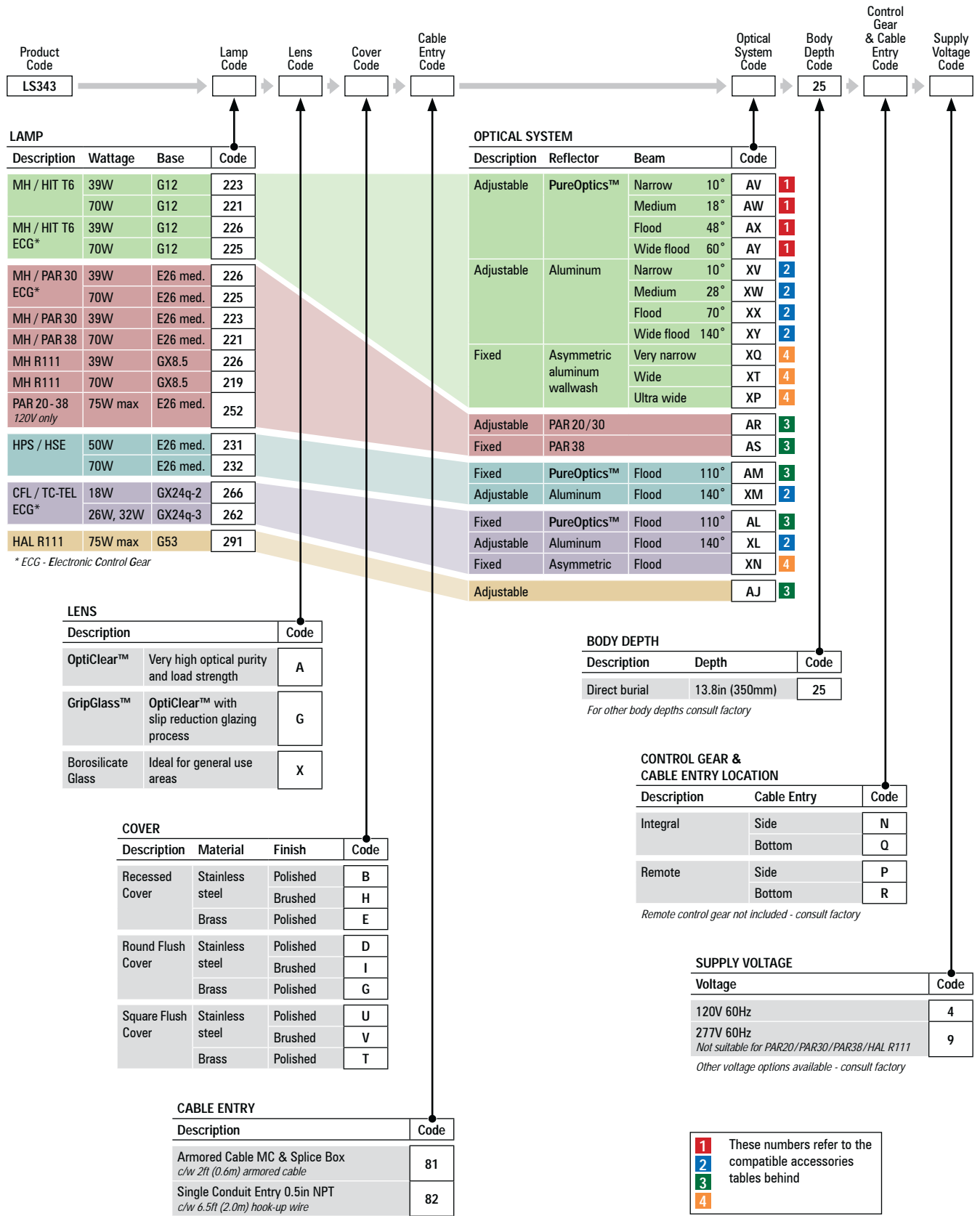


### Square Flush Cover

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



# LS343 Direct Burial

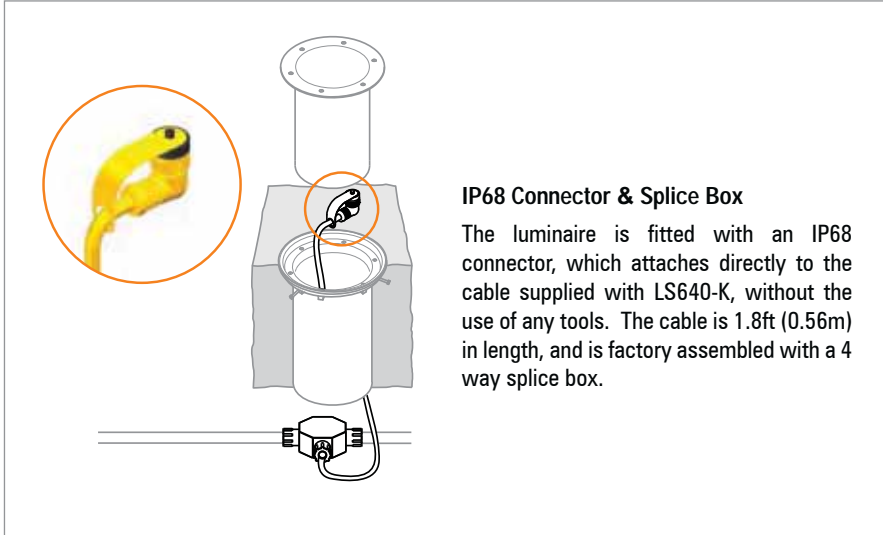


# LS343 Pre-Installation Blockout

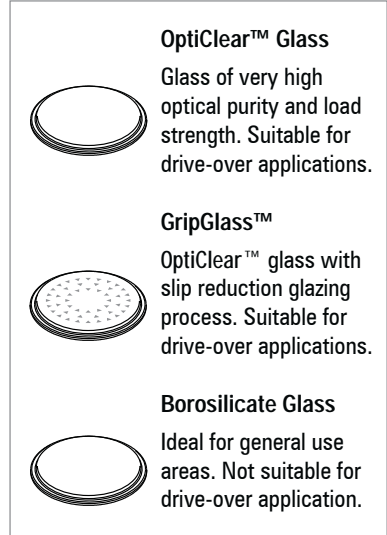
## Why Use Pre-Installation Blockout

This type of installation requires the LS640-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



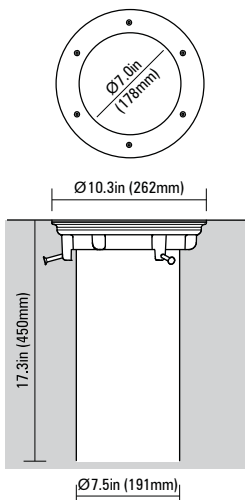
## Cover Options for Pre-Installation Blockout

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.

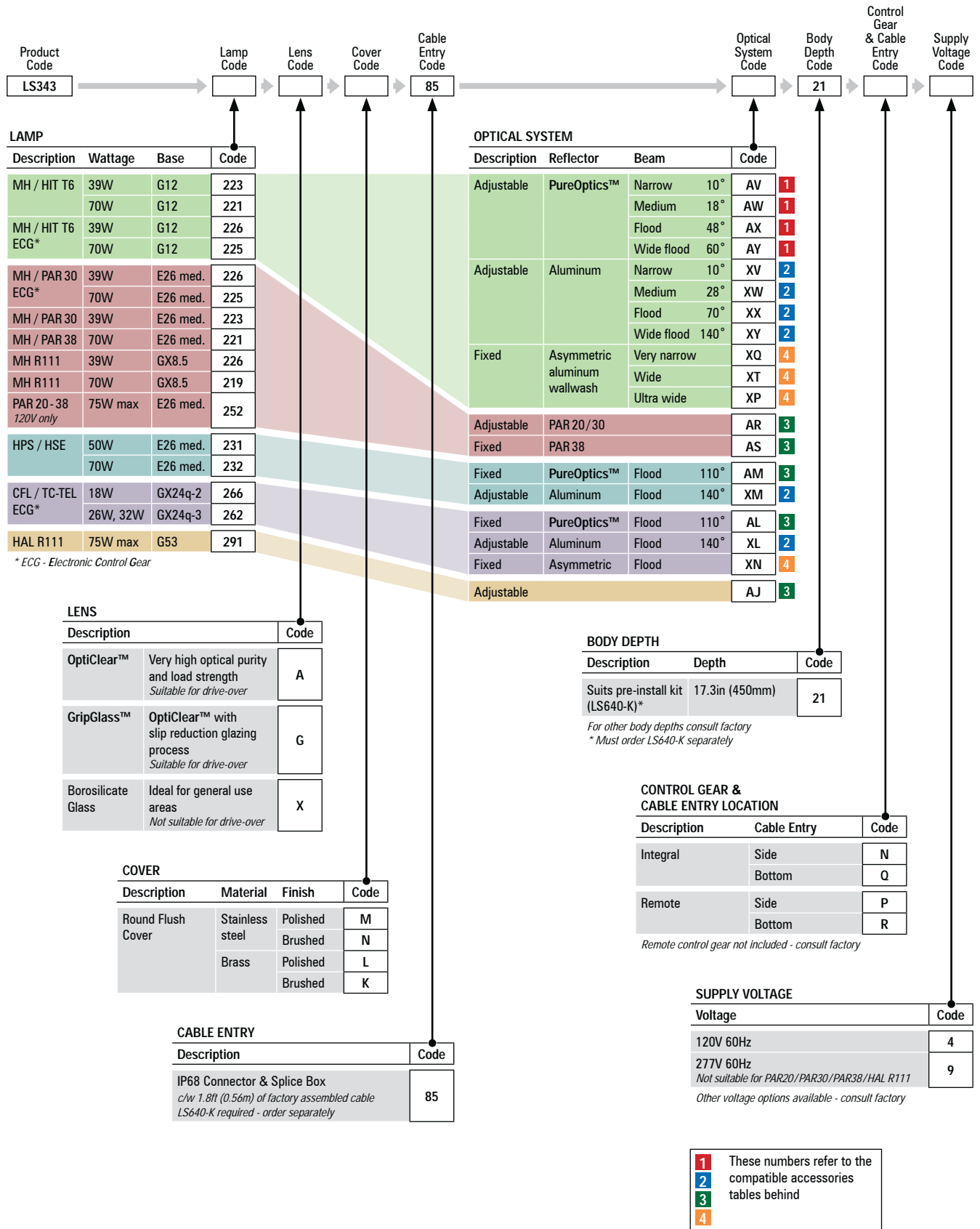


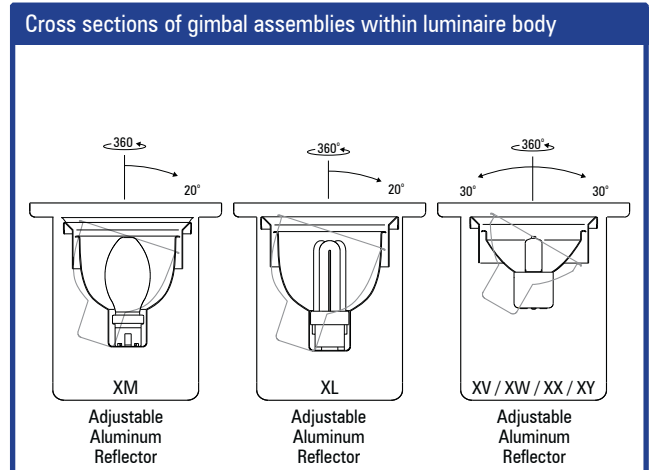
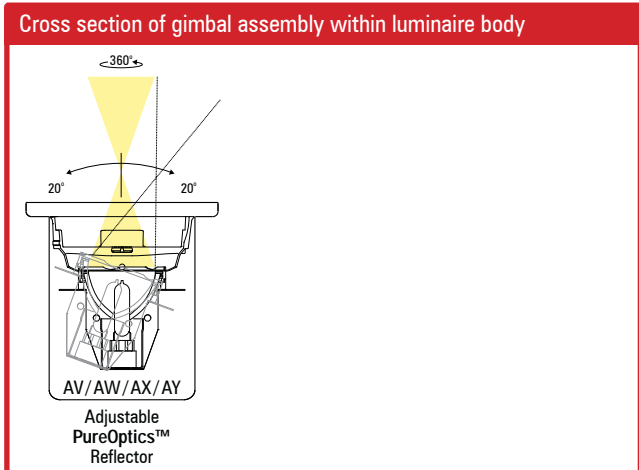
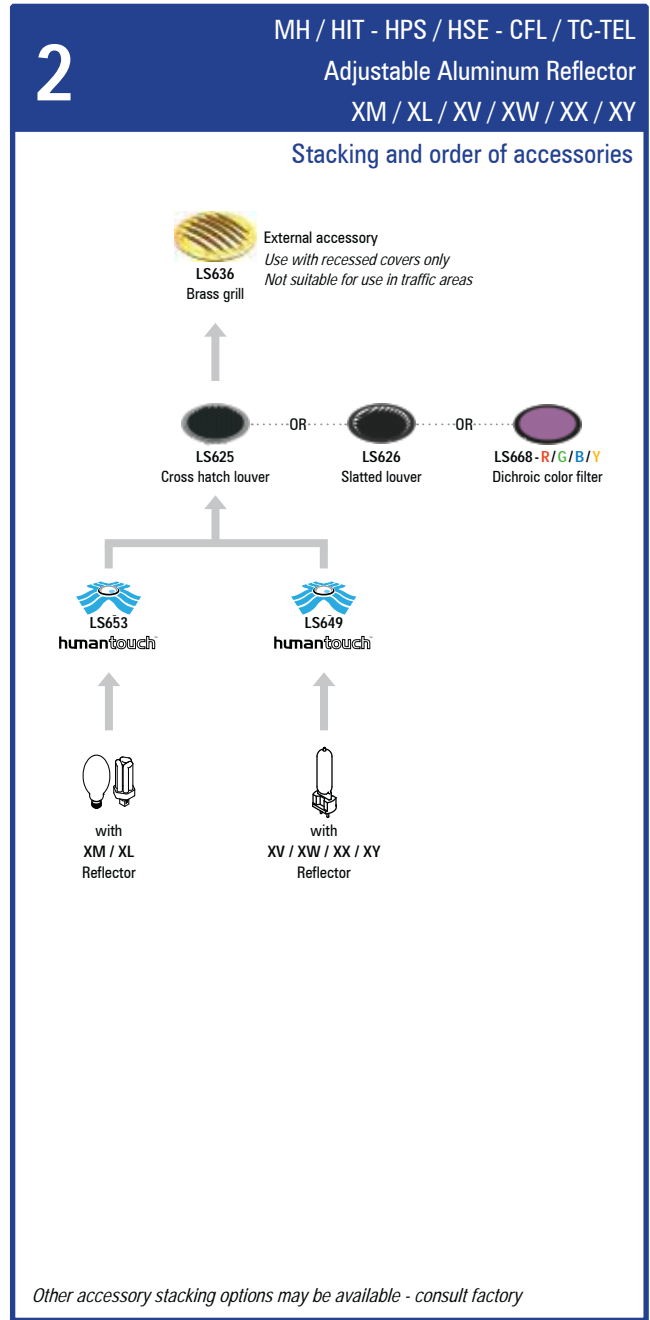
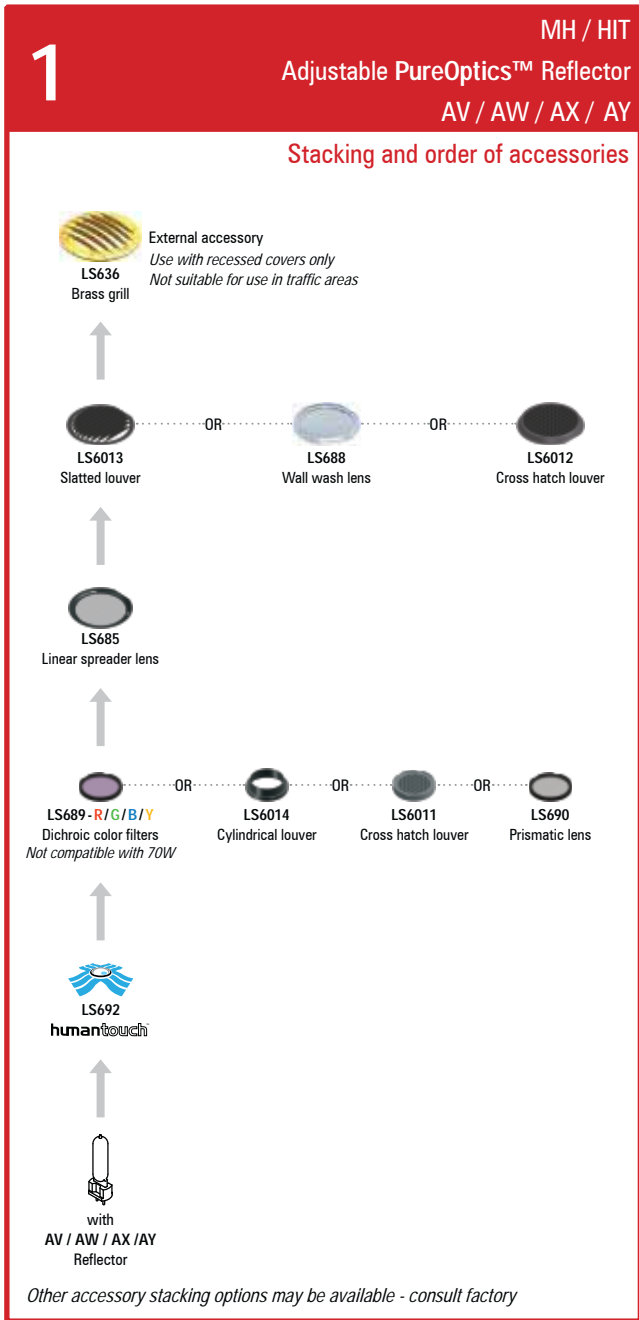
### Pre-Installation Blockout Round Flush Cover

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



# LS343 Pre-Installation Blockout



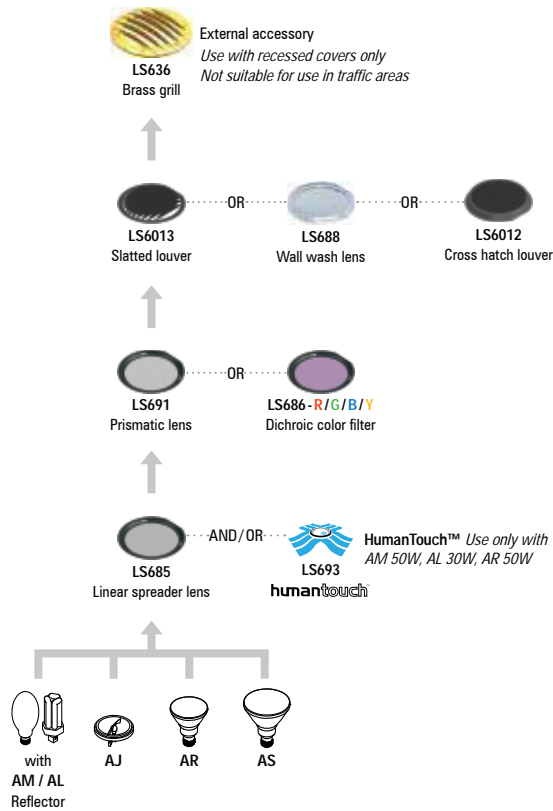


# LS343 Accessories

## 3

HPS / HSE - CFL / TC-T - PAR30 - PAR38 - R111  
 Fixed PureOptics™ & PAR, Adjustable R111 & PAR  
 AM / AL / AJ / AR / AS

### Stacking and order of accessories

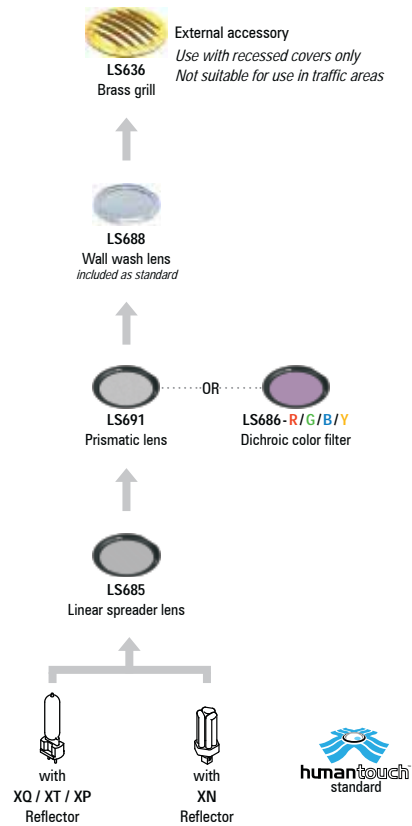


Other accessory stacking options may be available - consult factory

## 4

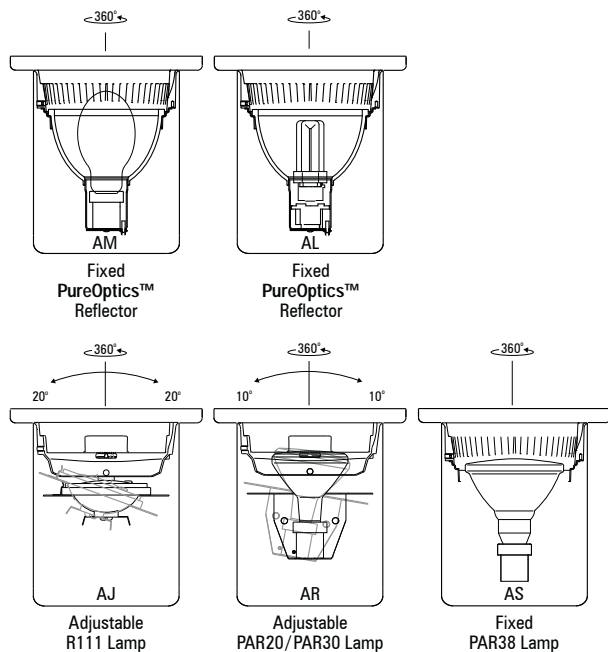
MH / HIT - CFL / TC-T  
 Fixed Aluminum Reflector  
 XQ / XT / XP / XN

### Stacking and order of accessories



Other accessory stacking options may be available - consult factory

### Cross sections of gimbal assemblies within luminaire body



### Cross sections of gimbal assemblies within luminaire body

