



human touch™

INGROUND • GROUND MOUNT • UNDERWATER
STAINLESS STEEL - MARINE GRADE 316 (IP68)



LS393

TECHNICAL SPECIFICATIONS

Lumascap Lighting Industries has a genuine and proactive commitment to improving the safety of its fixtures and accessories. This commitment has led to the development of our Total Temperature Reduction Technology. We call it Humantouch™.

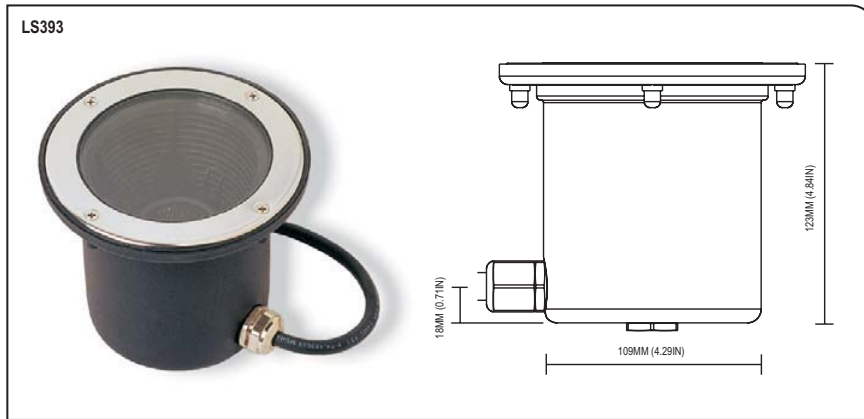
Humantouch™ ensures the temperature of all internal componentry is actively maintained well below maximum safe operating temperatures. Should circumstances threaten to overheat our fixtures, then our dual protection device simply turns the unit off.

Humantouch™ not only guarantees the optimal performance of our fixtures, but also reduces external glass temperatures to human friendly levels for public spaces where safety is the priority.

Humantouch™ is yet another innovative concept designed to increase the quality of your Lumascap product.

List of features

- Ip68 rating with dynamic seal
- Stainless steel construction - Marine Grade 316
- Self re-setting thermal cut-out
- Toughened float glass
- Toughened borosillicate glass
- Domed borosillicate glass (NOTE: Domed glass not toughened)
- Domed, recessed or flush lids available
- MR16 lamp source - 50w max
- Gimbal assembly - fully adjustable and lockable.
- Available with direct burial armoured cable entry with junction box - no conduit necessary on drop cables
- Concrete collar mount kit available for drive-over applications c/w inground power quick connector
- Grill available
- Side and/or rear entry available
- Optional coloured lenses available



LS6020 Human Touch Kit - To suit Optiwhite lens: Factory Fit

LS6021 Human Touch Kit - To suit Optiwhite lens: Retro Fit

LS665 Human Touch Kit - To suit borosillicate lens: Retro Fit

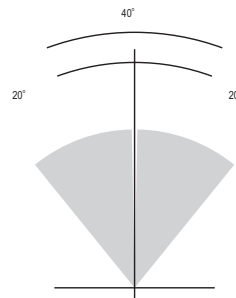
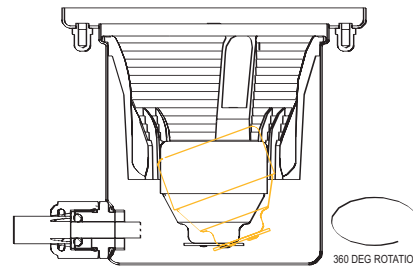
LS6009 Optiwhite Lens + seal kit
(also available to replace float lens & seal)

The LS393 is a quality marine grade 316 stainless steel uplighter. It offers an outdoor lighting solution where discreet, stylish, waterproof lighting is required.

The LS393 is robotically fusion welded using marine grade 316 stainless steel. The fixture has an Ip68 rating which is achieved using its dynamic, high temperature silicon cover seal with memory additives. When installed with the LS647-K Concrete Collar Kit the LS393 can be used in drive over situations. The use of our exclusive dynamic seal ensures that even in these situations the ingress of water is impossible.

The LS393 is suitable for MR16 lamp sources. It features a fully adjustable and lockable gimbal allowing 3 dimensional, accurate control of the fixture's optics. The LS393 is offered with a range of lid, mount and cable options. If conduit is to be used, Lumascap's armoured cable with junction box option provides a flexible, direct burial, drop cable between the fixture and the conduit. This allows unprecedented flexibility during installation.

MR16 Adjustable Gimbal



Lumascap Lighting Industries will guarantee the following product groups from the date of purchase against faulty workmanship or materials for: 1) Underwater-5 years; 2) Copper-10 years; 3) Aluminium-2 years; 4) Stainless Steel-10 years. Structural/12 months Electrical. All warranty claims must be returned to Lumascap Lighting Industries for assessment. There is no warranty offered on lamps other than lamp manufacturers warranty if any. Lumascap Lighting Industries accepts no responsibility for damage to any ancillary equipment or inconvenience caused by the failure of our products. Lumascap Lighting Industries reserves the right to alter fittings or specifications at any time.

Standard combinations

CODE	DESCRIPTION	IP	LAMP TYPE	LID	GLAND	HUMANTOUCH™ KIT	GLASS TEMP.*
<input type="checkbox"/> LS393-93B4#1#7	Inground Low voltage uplighter	IP68	50W MR16 (max.)	B-N	Side/Rear	LS665	65°C/149°F
<input type="checkbox"/> LS393-93D4#1#7	Inground Low voltage uplighter	IP68	50W MR16 (max.)	B-N	Side/Rear	LS665	65°C/149°F


* Temperature of fixtures containing Humantouch™.

Please consult your Lumascape dealer for more information.

■ Humantouch™ options

MOUNT	LAMP SOURCE	GLASS TEMPERATURE
Fixture set in concrete	MR16 50Watts	65°C/149°F degrees celcius

Figures shown indicate glass temperature after 8 hours of continuous use.

 A.C.N. 010 572 773

CAUTION

Glass on inground fittings can become very hot - use discretion in placement. For low temperature glass option, use Humantouch™ product.

Glass Temperatures quoted are mounted in Garden Soil/Concrete or similar media. Some mounting media may result in higher temperatures. Please consult your Lumascape dealer for more information.



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