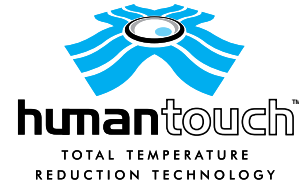


Lighting Designer	Fixture
Supplier	

### OPERATING TEMPERATURES

**HumanTouch™** glass temperatures are measured in a controlled laboratory environment at an ambient temperature of 25°C (77°F), in still air, and installed in a highly insular substrate. The inclusion of any accessory may vary glass temperature from those listed. Consult factory for details.



### LS393

SOURCE	CONTROL GEAR	OPTICAL SYSTEM		WATTAGE	HUMAN TOUCH™			
DESCRIPTION	LOCATION	DESCRIPTION	LENS		COMPATIBILITY	GLASS TEMPERATURE		PART NUMBER
MR16	Remote	Adjustable	OptiClear™	50		71°C	160°F	LS6020
			GripGlass™			71°C	160°F	LS6020
			Borosilicate		✓	<65°C	<149°F	LS665

✓ Denotes Lumascap rates this product to meet the Lumascap **HumanTouch™** standard. **HumanTouch™** may need to be ordered separately. **HumanTouch™** can also be used to lower the glass temperatures in the other listed luminaires but not to the **HumanTouch™** standard.

## LS393 SPECIFYING/ACCESSORIES

### DIRECT BURIAL OR PRE-INSTALLATION

#### HOW TO SPECIFY...

To specify Lumascap's **LS393** refer to the specification diagram. Please take particular notice of the footnotes.

**LS647** and **LS647-K** and **LS647-K-MV** are accessories and are sold separately.

You will need to make eight choices.

The example at the top of the specification diagram depicts the correct format in which to write your complete LS393 specification code. Select the appropriate code from each table, working from left to right.

#### 1 Source

Select code 293.

#### 2 Lens

Select the type of glass lens for your installation.

#### 3 Cover

Select the type of cover, material and finish.

#### 4 Cable Entry

Select the appropriate cable entry type for your installation.

#### 5 Optical System

Select code XK.

#### 6 Body

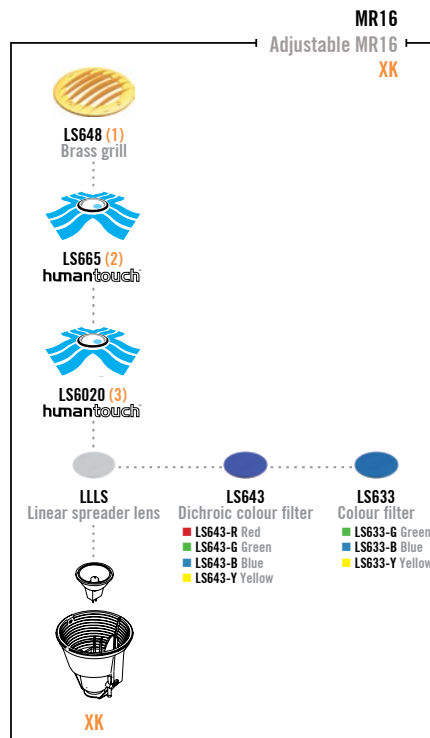
Select the body type for your installation.

#### 7 Cable Entry Location

Select your cable entry location.

#### 8 Voltage

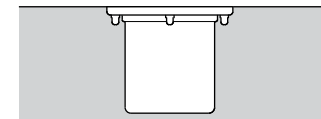
Select the supply voltage and frequency appropriate to your region of installation.



NOTE: For HumanTouch™ temperatures refer to the table above.

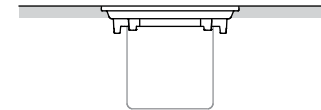
- (1) External accessory. Please use with recessed covers only. Not suitable for use in traffic areas.
- (2) For use with borosilicate glass lens types (i.e. X lens code prefixes)
- (3) For use with OptiClear™ and GripGlass™ lens types only (i.e. A and G lens code prefixes).

#### Direct Burial

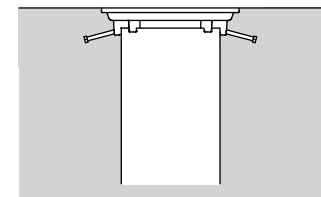


#### LS647 Mounting Collar for Decks and Grates

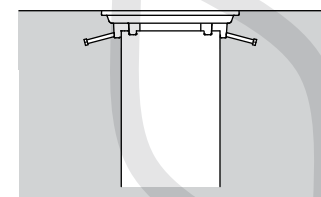
Consult factory for details



#### LS647-K Pre-Installation Kit for Concrete Blockout and Drive-over - low voltage



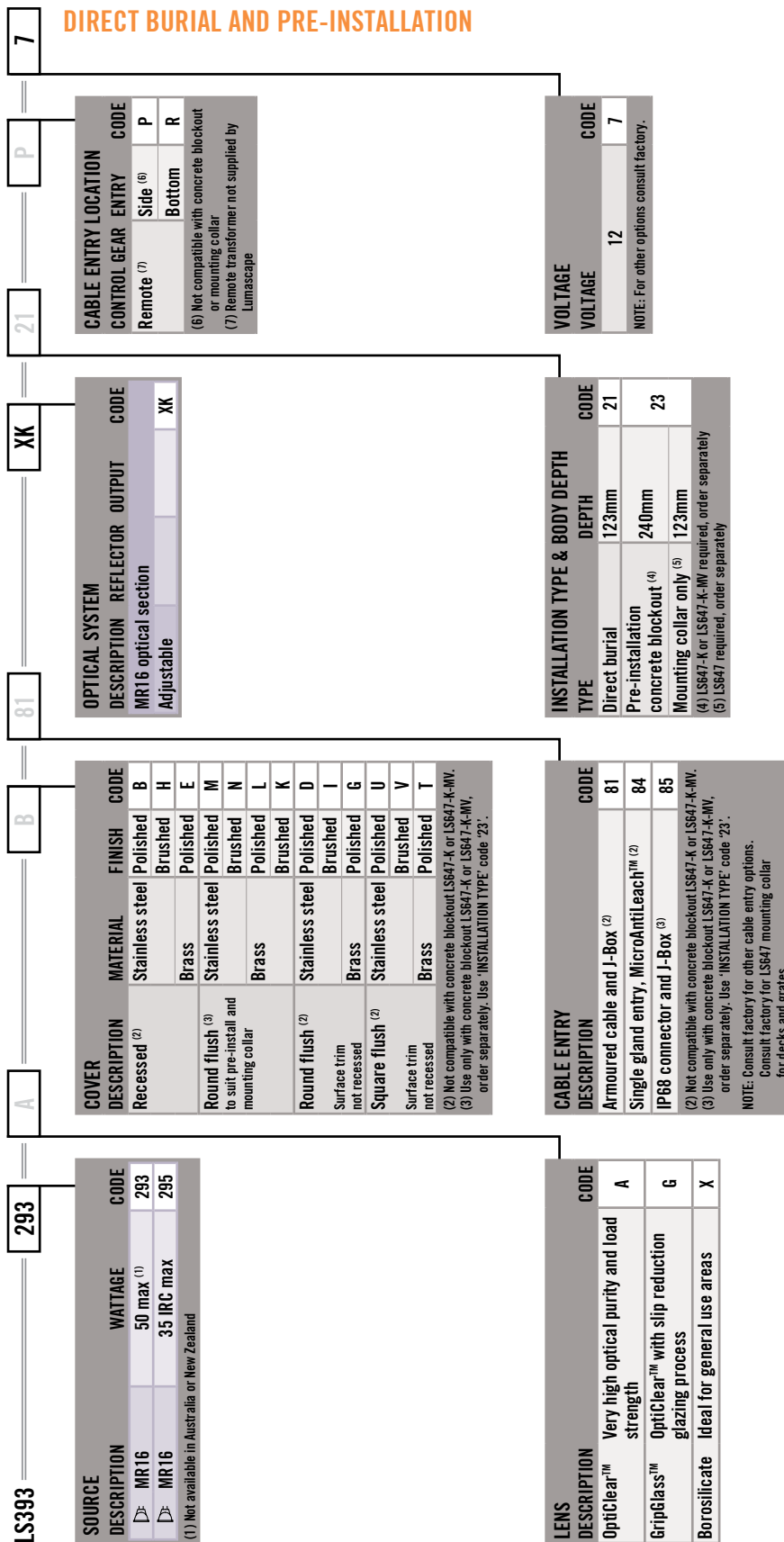
#### LS647-K-MV Pre-Installation Kit for Concrete Blockout and Drive-over - mains voltage



Lumascap will guarantee the following product groups from the date of purchase against faulty workmanship or materials as stated below and subject to the terms and conditions published in the Lumascap catalogue and at [www.lumascap.com.au](http://www.lumascap.com.au). Architectural lighting product group - structural warranty: spotlights & floodlights - aluminium fixtures, 2 years; in ground - stainless steel fixtures, 10 years; underwater - stainless steel & brass fixtures, 5 years; wall mount - stainless steel fixtures, 10 years; wall mount - aluminium fixtures, 2 years; wall mount - brass fixtures, 5 years; bollard & pathway - stainless steel fixtures, 10 years; down lights - aluminium fixtures, 2 years; landscape lighting product group - structural warranty: copper fixtures, 10 years, aluminium fixtures, 2 years, electronic transformers, 12 months, magnetic transformers, 12 months, electrical warranty all product groups: 12 months.

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### DIRECT BURIAL AND PRE-INSTALLATION



#### Examples...

PRODUCT CODE	PRODUCT DESCRIPTION
LS393 - 293 A B 81 XK 21 P 7	MR16 50W max; OptiClear™ lens; recessed 316 stainless steel polished cover; armoured cable and J-Box; MR16 adjustable gimbal optical system; direct burial body; side cable entry; 12V
LS393 - 293 A M 85 XK 23 R 7	MR16 50W max; OptiClear™ lens; pre-installation flush 316 stainless steel polished cover; IP68 connector with J-Box; MR16 adjustable gimbal optical system; pre-installation kit LS647-K; bottom cable entry; 12V
LS393 - 293 G M 81 XK 23 R 7	MR16 50W max; GripGlass™ lens; mounting collar flush 316 stainless steel polished cover; armoured cable and J-Box; MR16 adjustable gimbal optical system; pre-installation body to suit LS647 mounting collar for decks and grates; bottom cable entry; 12V

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