

INSTRUCTION SHEET



'Slim Line' Series Square LED Courtesy Lamp

Introduction

HELLA LED courtesy lamps are an attractive, energy efficient, no maintenance solution for a variety of interior and exterior lighting applications.

Designed and manufactured in New Zealand, 'Slim Line' LED lamps are available in 9 colours and feature a mounting depth of 16mm. Rims are available in chrome plated plastic, gold plated plastic, satin chrome plated plastic, black or white plastic.

HELLA LED lamps consume a fraction of the energy of traditional bulb lamps and run very cool due to their low current draw. This provides safer installation into light weight materials where the heat of traditional lamps may cause damage to the surrounding structure.

Advanced HELLA lens technology provides a cool and even spread of soft light without glare or strain on your eyes.

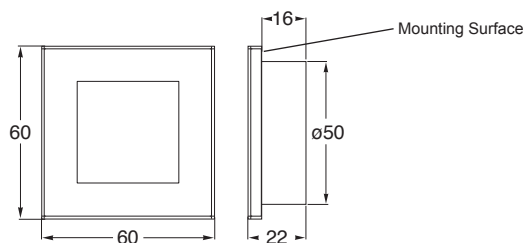
Part Numbers

Lamp Colour	12V DC	24V DC
White	2XT 980 580-0XX	2XT 980 581-0XX
White - High Intensity	2XT 980 580-5XX	2XT 980 581-5XX
Warm White	2XT 980 580-2XX	2XT 980 581-2XX
Warm White - High Intensity	2XT 980 580-7XX	2XT 980 581-7XX
Green	2XT 980 582-0XX	2XT 980 583-0XX
Blue	2XT 980 582-2XX	2XT 980 583-2XX
Cyan	2XT 980 582-4XX	2XT 980 583-4XX
Amber	2XT 980 587-0XX	2XT 980 588-0XX
Red	2XT 980 587-2XX	2XT 980 588-2XX
Deep Red	2XT 980 587-4XX	2XT 980 588-4XX
Orange	2XT 980 587-6XX	2XT 980 588-6XX

Lamp Mounting Instructions

Ensure the lamp is mounted on a flat surface with the gasket provided. The lens may be used as a template for drilling the four mounting holes. The mounting holes should be on the corners of a 45mm square. Mount the lamp and fit lamp bezel to lens.

Note: Lamp is fully sealed and has no serviceable components.



All dimension in millimetres

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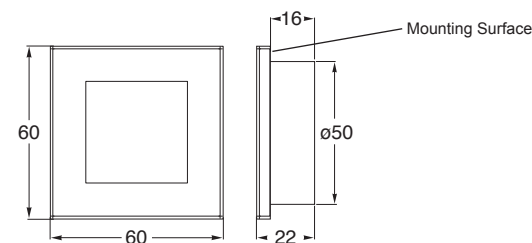
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Electromagnetic Compatibility (EMC)

This LED lamp is an electronic device. The electrical circuits contain components that suppress possible interference, both emission as well as susceptibility.

Lamp material description	UV and Impact resistant plastic
Bezel material description	UV and Impact resistant plastic
	Chrome plated plastic
	Gold plated plastic
	Satine chrome plated plastic
Light source	4 LED's
Installation	Pre-wired with 120mm of cable
Operating Voltage	12V or 24V DC
Protective system	IP 67 according to DIN 40060
Mounting	4 stainless steel screws
Power consumption	1W

Wiring Colour Coding

LED modules are polarity conscious. Reverse polarity will not damage this product but will inhibit its function.
HELLA recommends wire connections be soldered, and heat shrink tubing applied to seal the joint.

Cable colour	Connect to	Power Consumption
Coloured cable	Positive (+)	1 watt
Black cable	Negative (-)	-

NB: Lamp must be protected by a fuse rated at 2 amperes maximum.

FIT AND FORGET - BY DESIGN

Congratulations! The product you have selected comes from **HELLA** - a world leader in LED lighting design.

Following the launch of the first LED automotive signal lamps in 1990, **HELLA** Design and Innovation continues to set new standards. **HELLA** innovative solutions have been incorporated into millions of lamps, engineered and tested to the most demanding standards, to suit the harshest environmental conditions.

The corner stone of the success of our products is our no compromise "Fit and Forget - by Design" philosophy which is incorporated into every step of the product life cycle.

In a world consuming finite resources at an ever increasing rate, Fit and Forget –by Design is the right environmental choice that also makes economic sense for our customers that consider the total life cycle Cost of Ownership.

For general comments about HELLA's products please contact us on E-mail at techfeedback@hella.co.nz



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