

LUMISPHERE NEW PRISMATIC QUAD LED FESTOON SYSTEM

GENERAL DESCRIPTION

The Lumisphere Quad LED Prismatic festoon is based on the Lumisphere low voltage lighting system and comprises of a Nylon lamp-holder, compressed onto rubber system cable fitted with a specifically designed LED light module housed within a Polycarbonate globe. Seal between globe and lamp holder achieved by use of two 'O' ring seals. For further technical information refer to Lumisphere Low Voltage Lighting Systems brochure pages 2 & 3.

APPLICATIONS

Particularly suited to use in applications where low running costs, low maintenance levels and reduced electrical loads are required, e.g. inaccessible structures such as bridges and elevated sections or limited energy resources are available such as ships and public places.



SPECIFICATIONS

Electrical Characteristics

- Supply:** 12VDC SELV
Load: 0.33W per unit @ 12VDC
Env. Prot. IP68 (for classification dust tight/submersible to 1 metre)
Conformance: BS EN 60958 CE

Material Specification

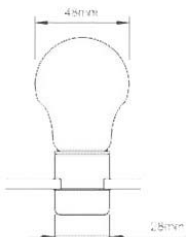
- Lampholder:** UV Stabilised black nylon 66 V0 rated precision moulding in two parts with neoprene rubber gasket
Cable: HOFR rubber cable, 2No 3.00mm² tinned copper conductors
 UL File No E168888(M)
Globe Clear UV stabilised A15 style Polycarbonate precision injection blow moulding fitted with EPDM sealing 'O' rings
Contacts: Bright Nickel plated hard brass

LED Light source

The plug in light module consists of 4 high brightness Light Emitting Diodes moulded into a single module. The moulding is formed with an inverse conical shape giving a prismatic effect ensuring a very visible spherical light output.. The LEDs are an ultra high quality device in a specially treated UV stable epoxy package that gives wide-angle light distribution and high intensity. The units are designed to operate at low temperature and low drive currents to ensure maximum performance characteristics and a calculated average 80,000 hour life.

Colour & Globe Options

GENERAL DIMENSIONS



A15 TYPE GLOBE

The Light modules are available in white or coloured options, currently red, amber, green and blue and because LEDs are monochromatic they do not require coloured globes or filters. Globes are available in the A15 style to suit all applications. For applications that require an off white source similar to regular incandescent source an amber filter globe is available.

PLEASE CONTACT LUMISPHERE PRODUCTS LTD FOR FURTHER DETAILS



The word Lumisphere and the Lumisphere Logo are registered trademarks. Lumisphere products are protected by international patents and registered designs. In accordance with our product development program Lumisphere reserves their right to alter product details and specifications.

© 2006 Lumisphere Products Ltd

Lumisphere Products Ltd
 Hardings Lane Ingatestone Essex CM4 0HZ
 Tel: +44 (0)1277 352812
 Fax: +44 (0)1277 353966

