

The GL500 is manufactured in New Zealand to the AS/NZS 1158.6 standard. It is a proven performer in both Australian and New Zealand environments.

The luminaire incorporates a unique removable control gear module facilitating easier installation and maintenance. The removable control gear module also future proofs the product by allowing it to adopt new lamp technologies as they become available.

The GL500 provides proven reliability and offers reduced total cost of ownership over the life of the luminaire.

Typical applications

- Road Lighting to Category P and V4 levels.
- Car parks and Security Lighting
- Cycle and Pathways (special version available)
- Industrial Areas

Key Features

- Removable control gear module
- Acrylic and high impact acrylic visors
- Precision optical assembly
- Corrosion resistant
- Variety of colours (optional)
- Pole top adaptor (optional)
- Light control relay (optional)



Lamp Configurations

HPS: 50W, 70W, 100W

MH: 35W, 70W, 100W

CosmoPolis: 45W, 60W ✓

CFL: 11W, 22W, 42W, 57W ✓

SOX: 18W, 26W, 35W

MV: 50W, 80W, 125W

Installation

Accepts spigot sizes from 25mm to 44mm O.D.

Materials

- Head Casting: High pressure diecast from LM4 corrosion resistant aluminium.
- Visor: Available in UV stabilized clear acrylic and high impact acrylic.
- Fasteners: All fasteners, clips, hinges and bolts are made from aluminium or stainless steel.
- Reflectors: Precision hammered aluminium, electro-chemically polished.
- Mounting Clamp: Stainless steel.

Quality System

Betacom operates an externally audited and registered quality system that complies with AS/NZS/ISO 9001:2000.

Photometric Data

All photometric data is produced in our own independently audited and accredited Photometric Laboratory. Betacom's laboratory is accredited by IANZ (International Accreditation New Zealand).

Lighting Design Service

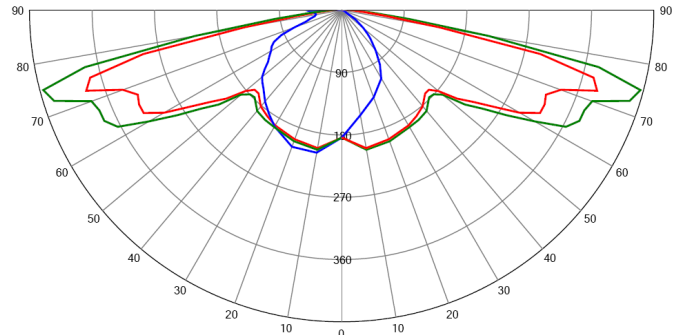
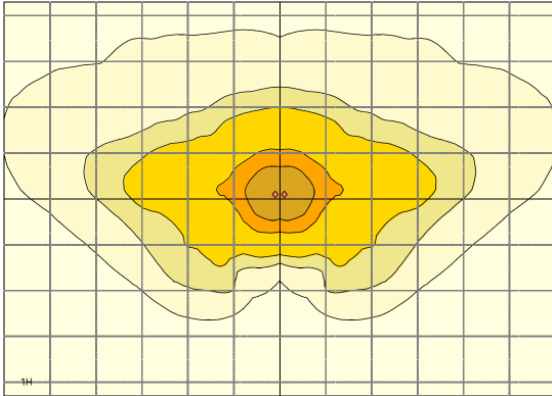
Betacom provides a comprehensive lighting design service. This service is available free of charge to our customers. Designs are provided in accordance with AS/NZS 1158.1.1 and AS/NZS 1158.3.1.

**Now available with Philips
CosmoPolis energy saving
lamp technology**

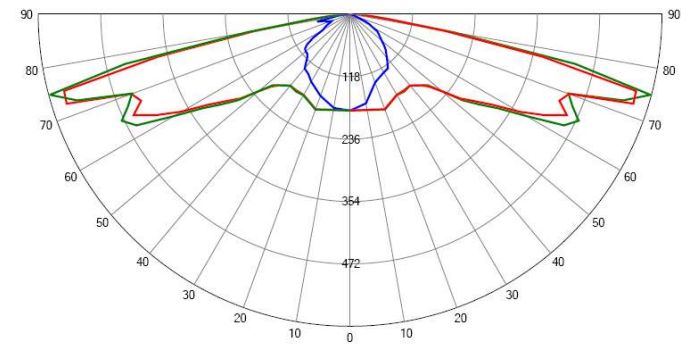
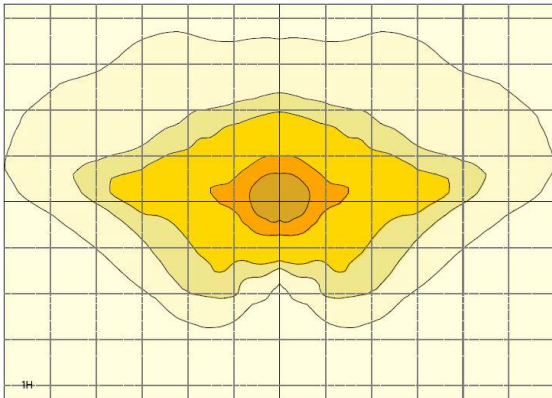
GL500 Road & Area Lighting Luminaire

Light Distributions

GL500 with 70W SON/T Lamp



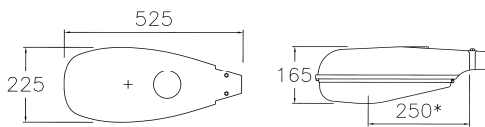
GL500 with 60W CosmoPolis Lamp



Photometric Data

Detailed isolux diagrams and spacing tables are available on request. Photometric data is also available in IES and CIE formats.

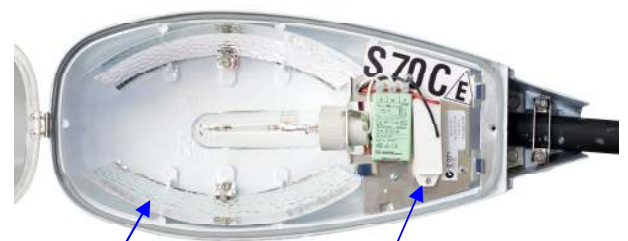
Dimensions



* Distance—spigot end to luminaire optical centre.

Horizontal projected area = 0.07m²

Coefficient of drag = 0.64



Precision optical assembly

Removable control gear module

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