



**The new generation
of decoratives for
smart cities**

BOURKE HILL LED

CATEGORY P LED LUMINAIRE

The Bourke Hill LED Series is a Heritage style luminaire presenting the appearance of the traditional source Bourke Hills installed everywhere in Australia, yet featuring the light source of the future. The unit features the state-of-the-art Sylvania LED Streetlight Module which has been specifically designed and developed for Australia's Pedestrian Area (Category P) lighting applications. This luminaire is now the class leading energy efficient, low maintenance, environmentally friendly luminaire on the market and complies with the requirements of AS1158 Series where appropriate.

Based upon the high reliability of LEDs, the robust construction of the luminaire housing, and IP54 rating and with the elimination of lamp replacements, significantly reduces maintenance requirements, providing unprecedented cost savings.

PERFORMANCE SUMMARY

- 14W LED module; 17W-34W system watts
- Integral 240V control gear
- Designed specifically to meet Australian/New Zealand road lighting standards, complying with both AS/NZS 60598.2.3 & AS/NZS TS 1158.6
- Optical chamber sealed to IP54 ingress protection (module is IP65)
- IK06
- CRI 70
- Ambient temperature -10° - 40° C
- Available in Colour Temperature of 3000K and 4000K standard
- Polyester powdercoat finish in various RAL colours



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BOURKE HILL LED (cont.)

SPECIFICATIONS

Electrical Characteristics:

- Input Voltage: 240V – 50Hz
- Power Factor: > 0.9
- System watts: 17W-34W

Optical Characteristics:

- CCT: Available in 4000K and 3000K
- CRI: 70
- Lumen Maintenance: L90 @ 88000 hours
- IP54 (LED module IP65)

Mechanical Characteristics:

- Pressure die cast aluminium body and spun aluminium canopy
- Weight: 5.5kg
- Stainless steel fasteners, latches and clips
- Black polyester powdercoat finish as standard (other colours available on request)
- 43mm to 48mm spigot entry (side entry)
- Top Entry as per ASNZ1158.6
- IK06
- Easy to replace visor
- IP65 driver (IP24 gear chamber)

Control Characteristics:*

- DALI or 1-10V Control (optional)
- NEMA – 7pin standard, D2 (optional)

Environmental & Standards:

- Ambient Operation Temps: -10° to - 40° C
- EMC compliant: AS/NZS CISPR15, EN/IEC 61000-3-2, EN/IEC 61000-3-3 Immunity EN61547.
- Complies to Technical Spec SA/SNZ TS 1158.6 – Luminaires Performance

Options:

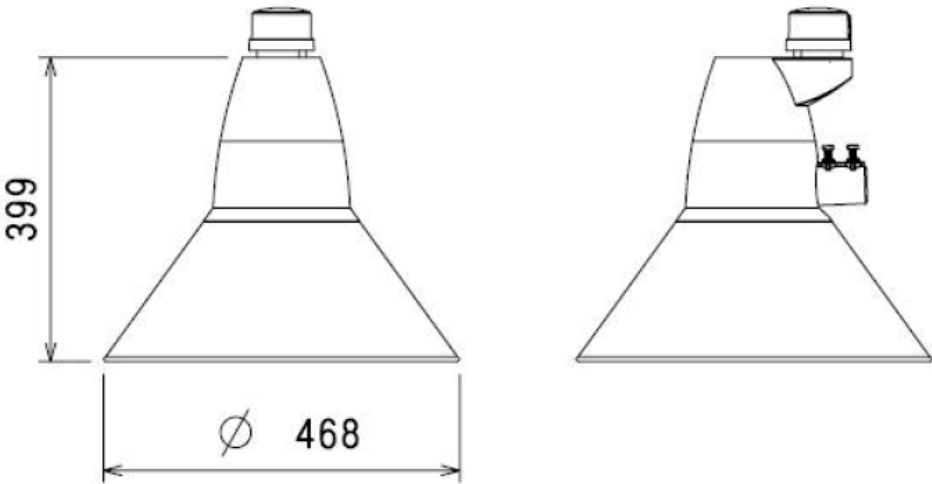
- CCT 5000K available
- Polyester Powder-coated finish in various RAL Colours including marine grade finish
- D2 PE Cell

SMART CITY SOLUTIONS*

- LOWPAN6, ZIGBEE, LORAWAN, NBIOT technologies
- Devices & sensors for smart city applications
- Customised platform integration

*Please consult your Gerard Lighting representative for the full range of viable control options for your project.

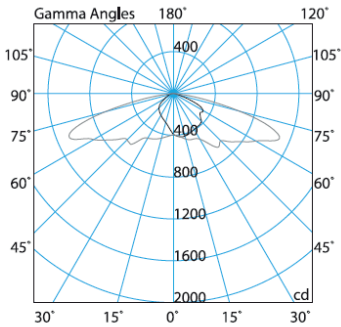
LINE DRAWINGS



N.B. All dimensions in mm

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PHOTOMETRICS



Please contact your Roadway & Infrastructure Lighting representative for photometric information specific to your project.

ORDER CODES

Product Code	Name	Dimensions (mm) W x H x D	Mass (kg)	Beam Distribution	System Power (W)	Colour Temperature	Installation Type	Smart City Compatible	PE Cell Base Type	PE Cell Type (if ind.)
NB99Z02L17	MOD-BTCA 17W 3K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	17W	3000	Top Entry	Yes	NEMA 7 pin	Shorting Cap
NB99Z02L34	MOD-BTCA 34W 3K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	34W	3000	Top Entry	Yes	NEMA 7 pin	Shorting Cap
NA99Z02L17	MOD-BSCA 17W 3K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	17W	3000	Side Entry	Yes	NEMA 7 pin	Shorting Cap
NA99Z02L34	MOD-BSCA 34W 3K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	34W	3000	Side Entry	Yes	NEMA 7 pin	Shorting Cap
NB99Z01L17	MOD-BTCA 17W 4K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	17W	4000	Top Entry	Yes	NEMA 7 pin	Shorting Cap
NB99Z01L34	MOD-BTCA 34W 4K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	34W	4000	Top Entry	Yes	NEMA 7 pin	Shorting Cap
NA99Z01L17	MOD-BSCA 17W 4K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	17W	4000	Side Entry	Yes	NEMA 7 pin	Shorting Cap
NA99Z01L34	MOD-BSCA 34W 4K PESN7 0001	468 x 398 x 468	9.7	Type 2/3M	34W	4000	Side Entry	Yes	NEMA 7 pin	Shorting Cap

The above codes are for standard offering only. For additional options or product configurations, please consult your Gerard Lighting consultant.

* Supplied as standard



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