

Sylvania BOURKE HILL MK2



SYLVANIA

Smart generation change for parks and roadways

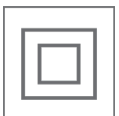
The BOURKE HILL MK2 is a decorative style luminaire presenting likeness appearance of the traditional source Bourke Hills installed everywhere in Australia, yet featuring the light source of the future.

The luminaire features class leading optics for Category P & Category V lighting applications, energy efficient, low maintenance, environmentally friendly 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 IP66 rating significantly reduces maintenance requirements, providing unprecedented cost savings.

IP 66

IK 08



ROADS & MOTORWAYS



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



BRIDGES



LARGE AREAS



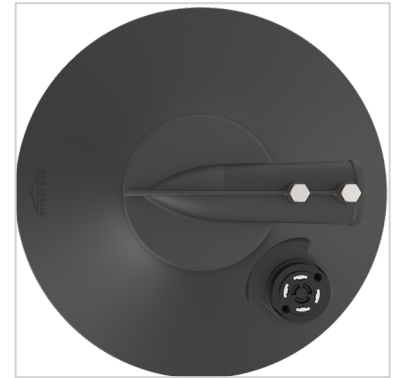
RAILWAY STATIONS & METROS

MAIN APPLICATIONS

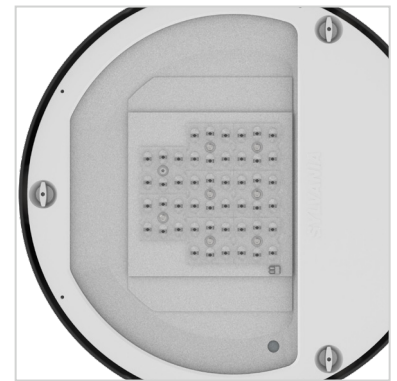
- Roads and motorways
- Urban and residential streets
- Bike and pedestrian paths
- Bridges
- Large areas
- Railway stations and metros

KEY ADVANTAGES

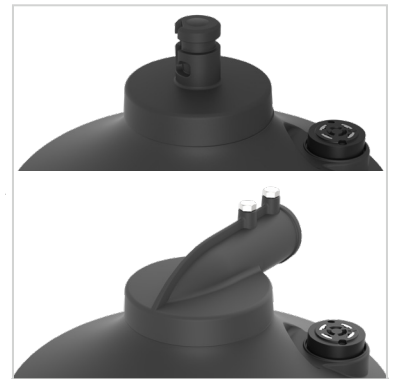
- Cat P: 14W - 24W
- Cat V: 60W - 100W
- Integral control gear
- Smart City ready
- Designed specifically to meet Australian/New Zealand Road Lighting Standards, complying with both AS/NZS 60598.2.3 & AS/NZS TS 1158.6
- Optical chamber sealed to IP66 ingress protection
- IK 08
- CRI>70
- Ambient temperature -10°C to +40°C
- Available in Colour Temperature of 4000K, 3000K & 2200K
- Options:
 - Polyester powdercoat finish in various colours
 - NEMA PE base (7 pin) or ZHAGA or combination of both
 - Side or Top entry



Die cast body with unlimited choice of colours



Flexible lens platform providing optimised light distributions with very high efficiency



Top or side mounting options available. Flexibility on site



The luminaire has IP66 ingress rating and IK 08 impact rating

SCS is focused on Smart Control technologies, delivering solutions to clients that enable these Smart LED luminaires to become smarter.

The equipped NEMA sockets on the luminaire connects a Smart Light Point Controller/ Node with an easy twist and lock mechanism. The Light Point Controllers enables these luminaires to be connected to a dedicated network and a User-Interface on a computer, which allows these luminaires to be remotely managed.

Key benefits:



Constant Light Output (CLO)

Additional energy savings (over 20%) by using the Constant Light Output (CLO) and Virtual Light Output (VLO) functionality



Dimming schedules

Reducing the amount of light when not required, thereby reducing light glow as well as get further energy savings



Pro-active maintenance

The system reports errors and failures as they occur, helping to repair/ restore the luminaires pro-actively



Smart City devices

Connect additional Smart City devices including Air-quality monitors, Noise sensors, Motion sensors etc



For more information on smart controls contact: info@scs-schreder.com

GENERAL INFORMATION

Recommended installation height	6m to 9m
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Driver included	Yes
RCM Mark	Yes
ROHS compliant	Yes
Testing standard	EMC compliant: AS/NZS CISPR15 Luminaires Performance: AS/NZS 60598.1 & AS/NZS 60598.2.3 Lighting for Roads and Public Spaces: SA/SNZ TS 1158.6

HOUSING AND FINISH

Housing	Die-cast aluminium body
Protector	Tempered glass
Housing finish	Polyester powdercoated finish
Standard colour(s)	Satin Black Any other colour on request
Tightness level	IP 66
Impact resistance	IK 08
Access for maintenance	Tool-less

PERFORMANCE

Lumen efficacy	Upto 140lm/W
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ELECTRICAL INFORMATION

Electrical class	Class I / Class II
Nominal voltage	230V - 50Hz
Power factor (at full load)	> 0.9
Surge protection options (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZS CISPR15
Control protocol(s)	DALI / 1-10V
Socket(s)	NEMA 7 pin
Sensor(s)	Devices & sensors for smart city applications

OPTICAL INFORMATION

LED colour temperature	4000K/3000K/2200K
Colour rendering index (CRI)	≥ 70
Upward Light Output Ratio (ULOR)	<1%

OPERATING CONDITIONS

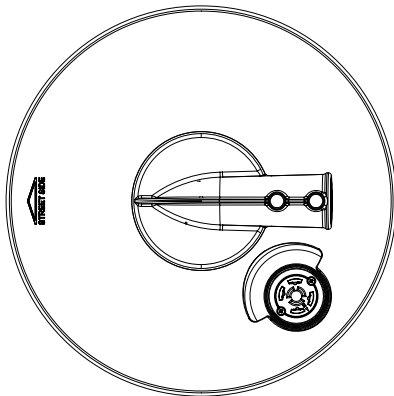
Temperature range from operation (Ta)	-10°C to +40°C
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(*) Depending on the configuration of the luminaire. For more details, contact us.

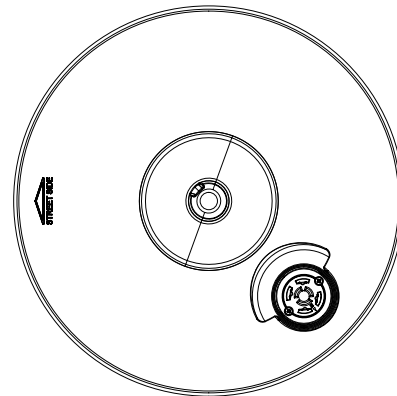
DIMENSIONS AND MOUNTING

W x H x D (mm)	450 x 450 x 323
Weight (kg)	8.85
Mounting possibilities	Side entry: 28-34mm (Cat P: 14-22W) Side entry: 42-48mm (Cat V: 60-100W) Top Entry: J-hook coupling as per AS/NZS1158:2015

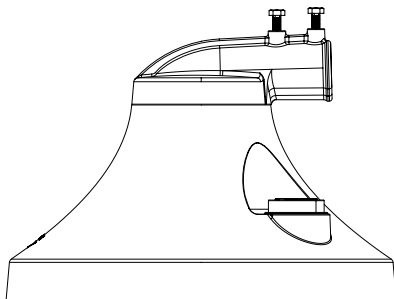
TOP VIEW
BOURKEHILL II(SIDE MOUNT)



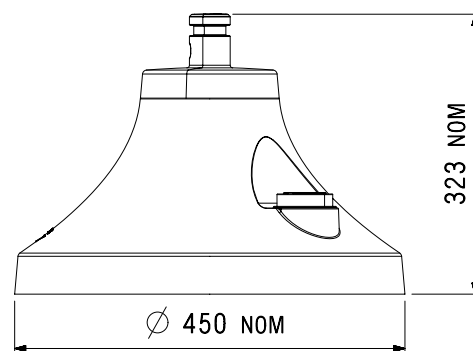
TOP VIEW
BOURKEHILL II(TOP MOUNT)



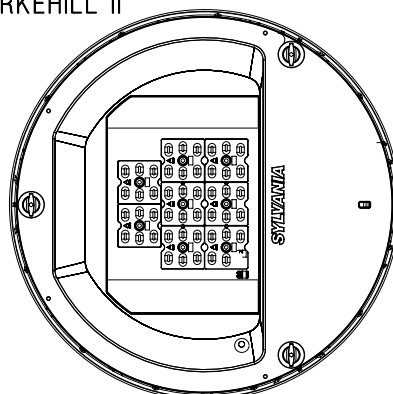
FRONT VIEW
BOURKEHILL II(SIDE MOUNT)



FRONT VIEW
BOURKEHILL II(TOP MOUNT)



BOTTOM VIEW
BOURKEHILL II





BOURKE HILL MK2

Product Code	Description	Beam Dist.	System Power (W)
S2S4Z0001L14	BOURKE HILL MK2 14W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	14
S2S4Z0001L18	BOURKE HILL MK2 18W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	18
S2S4Z0001L24	BOURKE HILL MK2 24W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	24
S2S4Z0001L60	BOURKE HILL MK2 60W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	60
S2S4Z0001L80	BOURKE HILL MK2 80W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	80
S2S4Z0001L100	BOURKE HILL MK2 100W, 4000K, NEMA Base, Shorting cap, Satin Black	Type 3	100

SPECIFICATIONS:

STANDARD CONFIGURATION:

- Mounting Side entry
- LED Colour Temperature 4000K
- Electrical Class I
- Control Dimming / 1-10V
- Colour NEMA 7 PIN
- Satin Black

OPTIONS:

- Mounting Top entry
- LED Colour Temperature 3000K
- Electrical Class II
- Complete with 3-core (Class I) or 2-core (Class II) 450/750 2.5mm² flexible cable, 8 meters long
- Control Dimming/ DALI
- NEMA Photocell
- Colour Any RAL colour and finish on request

BOURKE HILL MK2 18W

