

**Proven
Australian design**

SUBURBAN

CATEGORY P LED LUMINAIRE

Building upon the success of the popular Urban series, the Suburban delivers superior optical performance supported by a precision, high pressure die-cast body and optical assembly complying with AS1158-1 Category P and AS1158.6 road lighting requirements.

The high performance aluminium reflector system incorporates a house side reflector that dramatically reduces the obtrusive lighting behind the Suburban. A universal lamp holder and multiwatt electronic ballast enable the one luminaire to operate CFL light sources, HPS or MH. In all versions, the control gear is mounted directly to the body chamber or on a removable gear cassette (as required) which is easily accessed by removing the top cover assembly. The cover is uniquely retained by four patented non corrosive quick release retention clips which are captive to the cover assembly.

Both the lantern head and the gear chamber form two discrete weather proof compartments rated at IP64 Optical and IP24 for gear. The visor is sealed with a silicon gasket and is retained by two secure, stainless steel toggles. Photo electric cell control is available in D2.

PERFORMANCE SUMMARY

- HID Series 35W - 100W HID lamps
- Eco Series 26W, 32W, 42W CFL lamps
- Integral 250V HPF control gear tray
- Complies to AS1158-1 Category P and AS1158.6
- Removable gear tray accessible from top for easy maintenance, integral 250V HPF electronic control gear cassette
- Precision lighting for lamps up to 70W High Pressure Sodium and 100W Metal Halide
- Suitable for a wide range of applications:
 - roadway (P) and pedestrian
 - Outdoor Car Park
 - Amenity & Security
 - Conveyor
- IK07
- CRI>70
- Ambient temperature 40° C
- 20 year design life
- Available in Colour Temperature of 4000K
- Limited Warranty: 5 years (refer to G.L. Terms and Conditions)



SUBURBAN HID Series



SUBURBAN eco Series

Where innovation comes to light



SUBURBAN (cont.)

SPECIFICATIONS

Electrical Characteristics:

- Input Voltage: 220-240V – 50/60Hz
- System watts: 26W - 100W

Optical Characteristics:

- CCT: 4000K
- CRI: > 70
- Optical chamber independently sealed to IP64
- Injected moulded acrylic visor

Mechanical Characteristics:

- Pressure die-cast one piece aluminium body
- Semi cut off acrylic visor with silicone foam gasket
- High density polyethylene cover with captive quick release clips
- Stainless steel toggle latches and fasteners
- Side entry mounting fits 27 to 34mm O.D. pipe
- IP24 connection chamber
- Natural finish
- IP66 control gear

Control Characteristics:

- DALI or 1-10V control
- D2 PE base

Environmental & Standards:

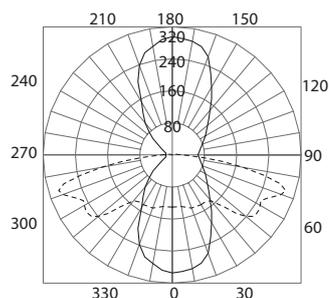
- Ambient Operating Temps: to 40° C
- High impact rating
- Ingress protection for weatherproofing
- The luminaire complies with the requirements of the Australian Standards for Road Lighting AS/NZS1158.3.1 and AS/NZS1158.6.

Options

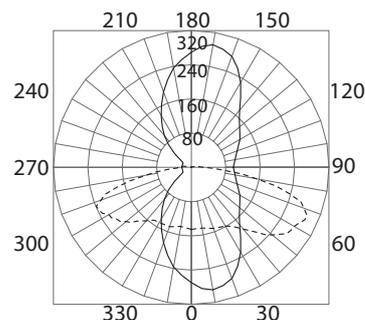
- 240V control gear
- Glare shield options available
- Polyester powdercoat finish in various Dulux and RAL colours
- D2 PE cells

PHOTOMETRICS

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



Suburban Eco 42W CF
 - - - Vertical Plane Through Horizontal Angles (10-190)
 — Horizontal Cone Through Vertical Angle (62.5)
 cd/klm



Suburban HID 70W MH
 - - - Vertical Plane Through Horizontal Angles (10-190)
 — Horizontal Cone Through Vertical Angle (62.5)
 cd/klm

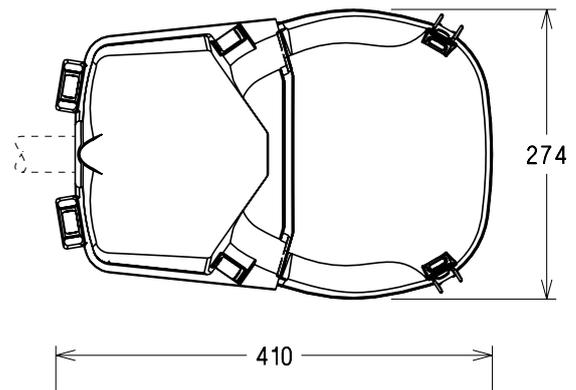
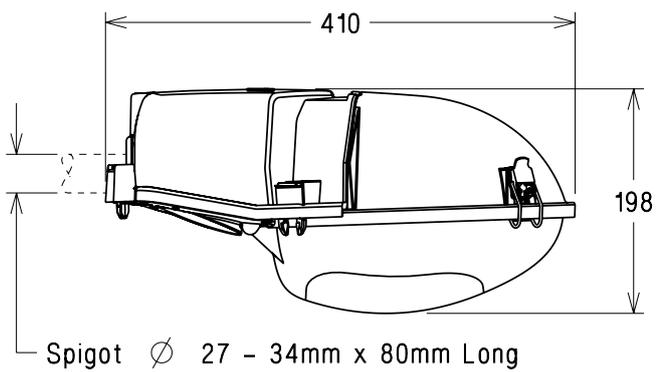


SUBURBAN (cont.)

ORDER CODES

Product Code	Name	Dimensions (mm) L x W x D	Mass (kg)	Beam Distribution	System Power (W)	Light Source Technology
JS96101L	SUB 26CF PEC	129 x 274 x 451	4	Type 3	26	CFL
JS96BD09L	SUB 26CFL PEC LYNX	129 x 274 x 451	4	Type 3	26	CFL
JS98A10	SUB 32CF PEB HE	129 x 274 x 451	4	Type 3	32	CFL
JS98A03L	SUB 32CF PEC HE	129 x 274 x 451	4	Type 3	32	CFL
JS97100L	SUB 42CF PEB LYNX	129 x 274 x 451	4	Type 3	42	CFL
JS41100L	SUB 70HPS H PEB	198 x 274 x 451	4	Type 3	70	HPS
JS27101L	SUB 70MA H PEC LAMP	129 x 274 x 451	4	Type 3	70	HID
JS19100L	SUB URBAN 100MH	129 x 274 x 451	4	Type 3	100	MH

LINE DRAWINGS



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