

GREENSTAR 3 – 175 GS3 SLEEK

Continuous suspended upright luminaire with integral driver

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Continuous suspended uplight or indirect linear aluminium profile 178 x 40 (WxH) with optional stand-alone surge protection. Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Minimum luminaire efficacy rating of 132 lm/W (CRI80), L90 B10 104,000h. PlexiLED diffusers and uniform appearance. Section joins secured by way of tool-less constant pressure Kwik-Lock fastener with polarised plug connection system. Minimum 7 year warranty.

Base System:

Australian made high grade aluminium profile, optional stand-alone surge protection, 4mm screw-less endplates

Light Engine:

Custom board with Samsung LED package, quality European drivers as standard

Optics:

High performance PlexiLED diffuser

Mounting Options:

Wire Suspended, Rod Suspended



IP 20





KEY ADVANTAGES

- Australian made high grade aluminium profile
- Optional stand-alone surge protection
- 4mm screw-less endplates
- SELV LED Engine
- High performance PlexiLED diffuser (remove uniform appearance)

GENERAL INFORMATION

Installation type	Wire Suspended, Rod Suspended
RCM Mark	Yes
Certifications	AS/NZS/IEC 60598, ROHS

HOUSING AND FINISH

Housing	High grade aluminium profile Finish: Powder Coated
End plates	Aluminium screw-less endplate Finish: Natural Anodised or Powder Coated
Light distribution	Indirect
Optics/Diffuser	PlexiLED (PMMA)
Tightness level	IP 20

PERFORMANCE

Lumen package range (lm/m)	Min 1500 Max 4077
Power consumption range (W)	Min 11.4 Max 30
Efficacy (lm/W) up to	137

OPERATING CONDITIONS

Operating temperature range (Ta)	-25°C up to +40°C (Dependant on application)
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ELECTRICAL INFORMATION

Electrical class	Class 1
Nominal voltage	198-264V – 50Hz
Power factor (at full load)	> 95%
Surge protection (kV)	Mains surge capability (between L/N – PE) 2kV Optional 10kV with stand-alone SPD
LED Engine	SELV
Control protocol(s)	Fixed Output, DALI, Switch Dim/ Touch Dim/ Push Dim
Control options	Based on application and design architecture
Sensor/automation	Integrated accessories (optional - on request)

OPTICAL INFORMATION

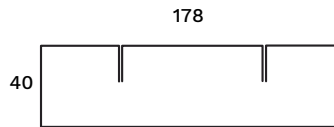
LED colour temperature	Standard: 3000K, 4000K Optional: 2700K, 5000K, 6500K, Tuneable white 2700K-6500K, RGBW
Colour rendering index (CRI)	>80 Optional: >90
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

RATED LUMEN MAINTENANCE

All configurations	L90 B10 = 104,000h
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DIMENSIONS AND MOUNTING

W x H (mm)	178 x 40
Weight (kg/m)	3.7
Mounting possibilities	Wire Suspended, Rod Suspended

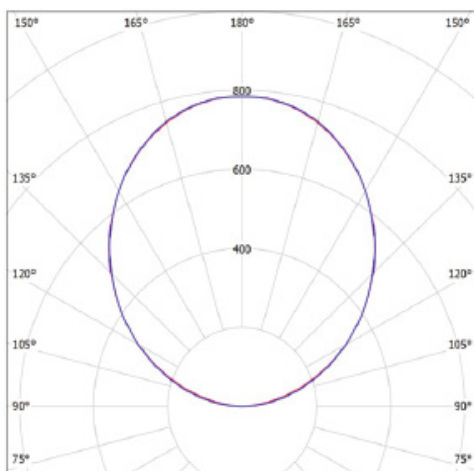


PERFORMANCE

Output Current (mA)	Lumen Output (lm/m)	System Power (W/m)	System Efficacy (lm/W)
350	1500	11.4	132
400	1708	12.8	134
500	2119	15.5	137
600	2524	18.4	137
700	2922	21.3	137
800	3313	24.1	137
900	3698	27.0	137
1000	4077	30.0	136

Note: The above output values are 'delivered' lumens. This takes into consideration the optical efficacy of the luminaire. Above values are based on 4000K colour temperature and 25° C ambient temperature. Outputs for 1m length.

LIGHT DISTRIBUTIONS



GREENSTAR 3 175 GS3 SLEEK Polar Curve
 cd — C0-C180
 — C90-C270

TO SPECIFY

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