



GREENSTAR 3 – 45 GS3 RECESSED

Continuous recessed linear aluminium profile with integral driver

GREENSTAR 3 – 45 GS3 RECESSED

Black



Natural Anodised



White



PlexiLED



Glare Control



Continuous recessed slim edge linear aluminium profile 44 x 72mm (WxH) with optional stand-alone surge protection. Replaceable quick fit gear tray modules with safety lanyards. High performance Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Delivered efficacy rating of 132lm/W (CRI80). L90 B10 104,000h. All Coextruded diffusers options with no visible spotting and uniform appearance. Section join secured by way of tool-less constant pressure Kwik-Lock fastener with polarised plug connection system. Minimum 7 year warranty. Optional 10 Year Warranty

Base System:

Australian made high grade aluminium profile, replaceable quick fit gear tray modules with safety lanyards, optional stand-alone surge protection, 2mm screwed endplates

Light Engine:

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

Optics:

High performance PlexiLED and Glare Control diffuser with no visible spotting and uniform appearance

Accessories:

Fully lit mitre bends (contact Austube for available angles), Emergency Pack

Mounting Options:

Recessed Brackets



IP 20





KEY ADVANTAGES

- Australian made high grade aluminium profile
- Replaceable modular gear trays
- Optional stand-alone surge protection
- 2mm screwed endplates
- SELV LED Engine
- High performance PlexiLED and Glare Control diffuser with no visible spotting and uniform appearance

GENERAL INFORMATION

| | |
|-------------------|------------------------|
| Installation type | Recessed Brackets |
| RCM Mark | Yes |
| Certifications | AS/NZS/IEC 60598, ROHS |

HOUSING AND FINISH

| | |
|--------------------|---|
| Housing | High grade aluminium profile Finish: Natural Anodised or Powder Coated |
| Gear tray | High grade extruded aluminium profile |
| End plates | Aluminium screwed endplate Finish: Natural Anodised or Powder Coated |
| Light distribution | Direct |
| Optics/Diffuser | PlexiLED (PMMA)/Glare Control |
| Tightness level | IP 20 |

PERFORMANCE

| | PlexiLED | Glare Control |
|---------------------------|----------|---------------|
| Lumen Min (lm/m) | 1457 | 1376 |
| Lumen Max (lm/m) | 3960 | 3742 |
| Power consumption Min (W) | 11.5 | 11.5 |
| Power consumption Max (W) | 30.39 | 30.39 |
| Efficacy (lm/W) up to | 132 | 125 |

OPERATING CONDITIONS

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

ELECTRICAL INFORMATION

| | |
|-----------------------------|---|
| Electrical class | Class I |
| 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, 3500K, 5000K, 6500K, Cyanosis, Tuneable white 2700K-6500K, RGBW |
| Colour rendering index (CRI) | >80 Optional: >90 |
| Standard Deviation Colour Matching (SDCM) | 3 MacAdam Steps |

RATED LUMEN MAINTENANCE

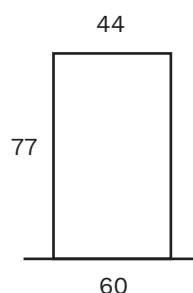
| | |
|--------------------|--------------------|
| All configurations | L90 B10 = 104,000h |
|--------------------|--------------------|

ACCESSORIES

| | |
|--|--|
| | Fully lit mitre Bends (Contact Austube for angles), Emergency Pack |
|--|--|

DIMENSIONS AND MOUNTING

| | |
|------------------------|-------------------|
| W x H (mm) | 44 x 77 |
| Weight (kg/m) | 2.9 |
| Mounting possibilities | Recessed Brackets |



PERFORMANCE – PlexiLED

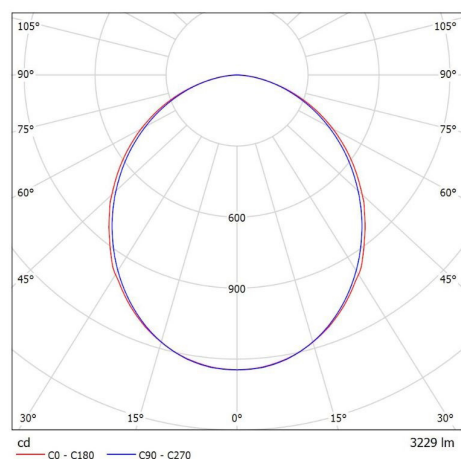
| Output Current (mA) | Lumen Output (lm/m) | System Power (W/m) | System Efficacy (lm/W) |
|---------------------|---------------------|--------------------|------------------------|
| 350 | 1457 | 11.5 | 127 |
| 400 | 1659 | 12.91 | 129 |
| 500 | 2051 | 15.64 | 131 |
| 600 | 2452 | 18.6 | 132 |
| 700 | 2838 | 21.54 | 132 |
| 800 | 3218 | 24.41 | 132 |
| 900 | 3592 | 27.28 | 132 |
| 1000 | 3960 | 30.39 | 130 |

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

Luminaire: Austube 45 GS3
Lamps: 1 x 4000 CRI 80

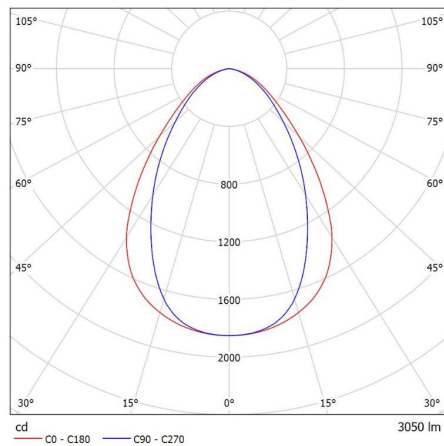
1028_800_4000_CRI_80



PlexiLED

Luminaire: Austube 45 GS3
Lamps: 1 x 4000 CRI 80

UGR 1028_800_4000_CRI_80



Glare Control

Custom Outputs and associated ies files can be obtained by visiting <https://austube-configurator.com>

TO SPECIFY

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