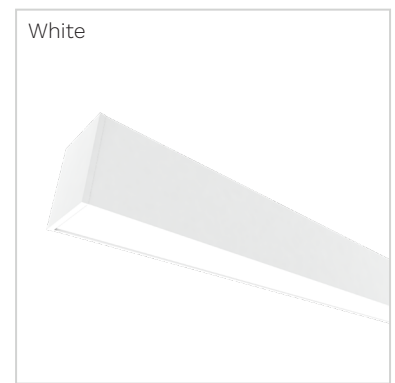DIVERSITY &
FLEXIBILITY
FOR DESIGN

GREENSTAR 3 – 45 GS3 SQUARE

Continuous suspended/surface mounted linear aluminium profile with integral driver

GREENSTAR 3 – 45 GS3 SQUARE

Black

Natural Anodised

White

Continuous suspended/surface mount slim edge linear aluminium profile 44 x 52mm (WxH) with optional stand-alone surge protection. Replaceable quick fit gear tray modules with safety lanyards. Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Delivered efficacy rating up to 120lms/W (CRI80), L90 B10 = 75,000h. PolyLED diffusers with no visible spotting 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.

IP 20

Base System:
Australian made high grade aluminium profile, replaceable quick fit gear tray modules with safety lanyards, optional stand-alone surge protection, 3mm screwless endplates

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

Optics:
High performance PolyLED diffuser with no visible spotting and uniform appearance

Accessories:
Fully lit mitre bends (contact Austube for available angles)

Mounting Options:
Surface Mounted, Wire Suspended, Rod Suspended, Custom Wall Mounted

Austube Schréder

KEY ADVANTAGES

- Australian made high grade aluminium profile
- Replaceable modular gear trays
- Optional stand-alone surge protection
- 3mm screwless endplates
- SELV LED Engine
- High performance PolyLED diffuser with no visible spotting and uniform appearance

GENERAL INFORMATION

Installation type	Surface Mounted, Wire Suspended, Rod Suspended, Custom Wall Mounted
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 screwless endplate Finish: Natural Anodised or Powder Coated
Light distribution	Direct
Optics/Diffuser	PolyLED (PC)
Tightness level	IP 20

PERFORMANCE

Lumen package range (lm/m)	Min	1824
	Max	3626
Power consumption range (W)	Min	15.6
	Max	30.47
Efficacy (lm/W) up to	120	

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

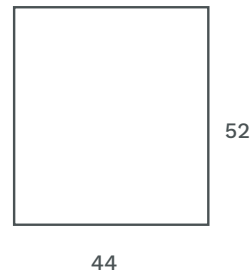|	
LED colour temperature	Standard: 3000K, 4000K
Colour rendering index (CRI)	>80 Optional: >90, Cyanosis
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

RATED LUMEN MAINTENANCE

All configurations	L90 B10 = 75,000 h

ACCESSORIES

	Fully lit mitre Bends (Contact Austube for angles)

DIMENSIONS AND MOUNTING

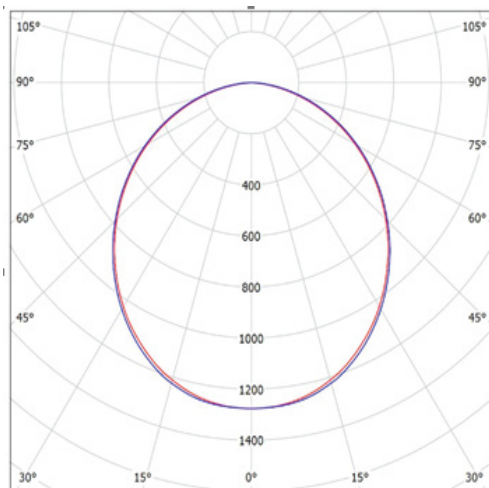|	
W x H (mm)	44 x 52
Weight (kg/m)	2.2
Mounting possibilities	Surface Mounted, Wire Suspended, Rod Suspended, Custom Wall Mounted

52

44

PERFORMANCE

Output Current (mA)	Lumen Output (lm/m)	System Power (W/m)	System Efficacy (lm/W)
500	1824	15.6	117
600	2189	18.55	118
700	2551	21.5	119
800	2911	24.4	119
900	3270	27.3	120
1000	3626	30.47	119

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 45 GS3 SQUARE Polar Curve
cd ——— C0-C180
——— C90-C270

TO SPECIFY

Continuous suspended/surface mount slim edge linear aluminium profile 44 x 52mm (WxH) with optional stand-alone surge protection. Replaceable quick fit gear tray modules with safety lanyards. Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Delivered efficacy rating up to 120lms/W (CRI80), L90 B10 = 75,000h. PolyLED diffusers with no visible spotting 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.