Austube**Schréder**

Experts in lightability™

RHINO – 45 SQUARE

Continuous suspended/surface mounted linear aluminium profile with integral driver IP 65

RHINO – 45 SQUARE

Black	Natural Anodised
	White

Continuous suspended/surface mount IP 65 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. Minimum 7 year warranty.

IK 08 **IP 65**

Base System:

Australian made high grade aluminium profile, replaceable quick fit gear tray modules with safety lanyards, optional stand-alone surge protection, 3mm screwed endplates, IP 65 rating

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

Mounting Options:

Surface Mounted, Wire Suspended, Rod Suspended, Custom Wall Mounted

KEY ADVANTAGES

- Australian made high grade aluminium profile
- Replaceable modular gear trays
- Optional stand-alone surge protection
- 3mm screwed 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 screwed endplate Finish: Natural Anodised or Powder Coated
Light distribution	Direct
Optics/Diffuser	PolyLED (PC)
Tightness level	IP 65
Impact resistance	IK 08

PERFORMANCE

Lumen package range (lm/m)	Min	1810
	Max	3599
Power consumption range (W)	Min	15.5
	Max	30.2
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 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
Colour rendering index (CRI)	>80 Optional: >90, Cyanosis
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

RATED LUMEN MAINTENANCE

All configurations	L90 B10 = 75,000h

DIMENSIONS AND MOUNTING

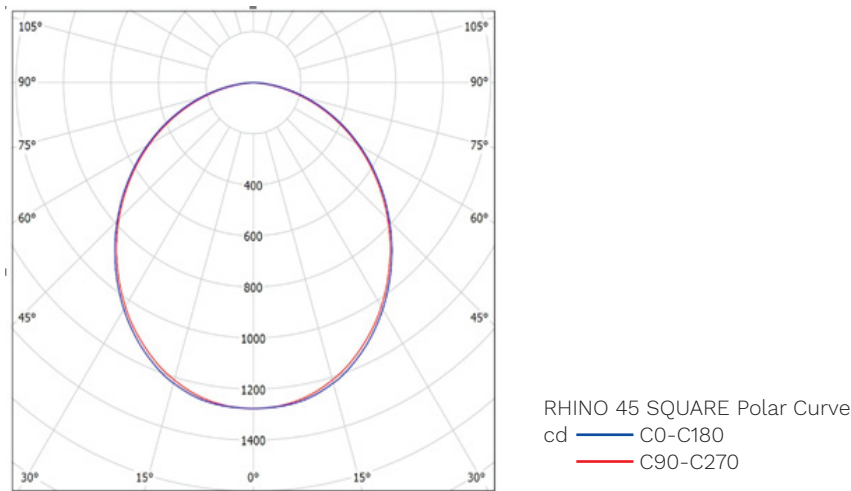|	
W x H (mm)	44 x 52
Weight (kg/m)	2.2
Mounting possibilities	Surface Mounted, Wire Suspended, Rod Suspended, Custom Wall Mounted

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PERFORMANCE

Output Current (mA)	Lumen Output (lm/m)	System Power (W/m)	System Efficacy (lm/W)
500	1810	15.5	117
600	2172	18.4	118
700	2532	21.3	119
800	2889	24.2	119
900	3245	27.0	120
1000	3599	30.2	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

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

TO SPECIFY

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