

## **RHINO – 115 RECESSED ASYM**

---

Continuous recessed linear aluminium profile with integral driver IP 65

# RHINO – 115 RECESSED ASYM



Continuous recessed mount asymmetric IP 65 linear aluminium profile 87 x 89mm (WxH) complete with stand-alone surge protection. Replaceable modular gear trays. Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Minimum luminaire efficacy rating of 101lm/W (CRI80), L90 B10 102,000h. PolyLED diffusers with no visible spotting and uniform appearance. Minimum 7 year warranty.

IP 65

IK 08



## Base System:

Australian made high grade aluminium profile, replaceable modular gear tray, stand-alone surge protection, 4mm 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:

Recessed Brackets



### KEY ADVANTAGES

- Australian made high grade aluminium profile
- Replaceable modular gear trays
- Stand-alone surge protection
- 4mm screwed endplates
- High performance PolyLED 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 asymmetric
Optics/Diffuser	PolyLED (PC)
Tightness level	IP 65
Impact resistance	IK 08

#### PERFORMANCE

Lumen package range (lm/m)	Min 1144
	Max 3110
Power consumption range (W)	Min 11.4
	Max 30.1
Efficacy (lm/W) up to	105

#### 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)	10kV / 10kA
LED Engine	SELV
Control protocol(s)	Fixed Output, Dali, Touch Dim
Control options	Based on application and design architecture

#### OPTICAL INFORMATION

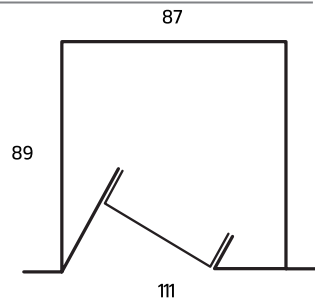
LED colour temperature	Standard: 3000K, 4000K Optional: 2700K, 5000K, 6500K, Tuneable white 2700K-6500K, RGBW
Colour rendering index (CRI)	>80 Optional: >90, Cyanosis
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

#### RATED LUMEN MAINTENANCE

All configurations	L90 B10=102,000h
--------------------	------------------

## DIMENSIONS AND MOUNTING

W x H (mm)	87 x 89
Weight (kg/m)	4.5
Mounting possibilities	Recessed Brackets

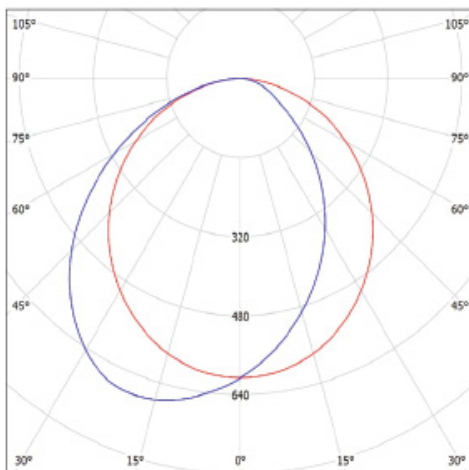


## PERFORMANCE

Output Current (mA)	Lumen Output (lm/m)	System Power (W/m)	System Efficacy (lm/W)
350	1144	11.4	101
400	1303	12.8	102
500	1611	15.5	104
600	1925	18.4	105
700	2228	21.3	105
800	2527	24.1	105
900	2821	27.0	104
1000	3110	30.1	103

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 115 RECESSED ASYM Polar Curve  
 cd — C0-C180  
 — C90-C270

## TO SPECIFY

Continuous recessed mount asymmetric IP 65 linear aluminium profile 87 x 89mm (WxH) complete with stand-alone surge protection. Replaceable modular gear trays. Samsung LED package, 3 MacAdam steps. Integral driver with current selection. Minimum luminaire efficacy rating of 101lm/W (CRI80), L90 B10 102,000h. PolyLED diffusers with no visible spotting and uniform appearance. Minimum 7 year warranty.