

RHINO AFX 1 Module



IK08 IP66



LL2028.861-EN-T1-500-740-EN-C1



[T1]

Type I, Asymmetric,
Side throw

Variant

Light distribution	[T1] 111x48°
Delivered lumens flux	3390 lm
Rated input power	25 W
Colour temperature	4000 K CRI 70
Luminaire efficacy	135 lm/W
Lamp	16 LED
MacAdam Ellipse	4 SDCM
BUG rating	B2-U0-G1
Lifetime L90B50 (hour)	>102,000
Lifetime L80B50 (hour)	>102,000

Options

Technical information

Mounting	Direct pole or side bracket mountable. Spigot: Ø60 mm x 100 mm
Tilt angle	+70°/-30°
Housing	Corrosion resistant, die-cast, marine grade aluminum housing
Finishing	Chromate conversion pretreatment followed by electrostatic powder coating
Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Gasket	Liquid silicone
Lens / Reflector	PMMA lens with high optical efficiency
Glass / Diffuser	Tempered safety glass
Impact protection	IK08
Ingress protection	IP66
Input voltage	220-240V 50/60Hz
Insulation class	Class I
Wind catching area (EPA)	0,08 m ²
Weight	6.73 kg
LED module	High power LEDs on metal-core PCB
Driver	Internal LED driver
Driver surge protection	6/6 kV
Power factor	> 0.95
Through wiring	Single cable entry
Operating temperature	-40...50°C
Cable	0.5 m of flexible cable
Packing box dimensions	32*32*32 cm

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We reserve the right to change specifications
without prior written notice. Edition: 07.05.2024.
For current version visit heperlighting.com. All
flux (±%7 tolerance) and power values (±%10
tolerance) are derived following appropriate IES,
CIE, and applicable standards.

Poles (To be ordered separately)

Conical aluminum poles with flange plate



Product code	Height	Diameter / Dimensions	Spigot diameter
PAFK.D114	3m, 4m, 5m m	Ø114mm	Ø60mm, Ø76mm mm
PAFK.D122	4m, 5m, 6m m	Ø122mm	Ø60mm, Ø76mm mm
PAFK.D148	6m, 7m, 8m m	Ø148mm	Ø60mm, Ø76mm mm
PAFK.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø76mm, Ø90mm mm
PAFK.D180	10m, 8m, 9m m	Ø180mm	Ø76mm, Ø90mm mm
PAFK.D200	10m, 11m, 12m m	Ø200mm	Ø76mm, Ø90mm mm

Conical aluminum poles with embedded base



Product code	Height	Diameter / Dimensions	Spigot diameter
PABK.D114	3m, 4m, 5m m	Ø114mm	Ø60mm, Ø76mm mm
PABK.D122	4m, 5m, 6m, 7m m	Ø122mm	Ø60mm, Ø76mm mm
PABK.D148	6m, 7m, 8m m	Ø148mm	Ø60mm, Ø76mm mm
PABK.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø76mm, Ø90mm mm
PABK.D180	10m, 8m, 9m m	Ø180mm	Ø76mm, Ø90mm mm
PABK.D200	10m, 11m, 12m m	Ø200mm	Ø76mm, Ø90mm mm

Cylindrical aluminum poles with flange plate



Product code	Height	Diameter / Dimensions	Spigot diameter
PAFC.D114	3m, 4m, 5m m	Ø114mm	Ø114mm mm
PAFC.D122	3m, 4m, 5m, 6m m	Ø122mm	Ø122mm mm
PAFC.D148	6m, 7m, 8m m	Ø148mm	Ø148mm mm
PAFC.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø165mm mm

Project name		Type		Quantity	
Date		Note			
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Light distribution	Rated input power	Colour temperature	Control	Product colours
[T1] Type I, Asymmetric, Side throw - 111x48°	[500] 25 W	[740] 4000 K CRI 70	[ONOFF] On/Off	[HM1] Black 
[P4] Special pedestrian road distribution-right side traffic - 20x78°	[700] 35 W	[827] 2700 K CRI 80	[DALI] DALI	[HM2] Dark grey 
[T2] Type II, Asymmetric, Side throw - 133x48°	[350] 18 W	[830] 3000 K CRI 80	[AUTO] AutoDIM	[HM3] Anthracite grey 
[T2] Type II, Asymmetric, Side throw - 149x54°		[840] 4000 K CRI 80	[STEP] StepDIM	[HM4] Light grey 
[T3] Type III, Asymmetric, Side throw - 143x63°				[HM5] White 
[T4] Type IV, Asymmetric, Forward throw - 117x64°				[HM6] Bronze 
[T5] Type V, Symmetric - 117°				[CC]  Custom colour (Please specify RAL code)
Extras				

External surge protection
[SP10] 10 kV
Light output
[BS] Backlight Shield
[CLO] Constant light output
[VS] Visor for RHINO
Mounting options
[DMBA] Double side-mount bracket
[SMBA] Side-mount bracket allowing +/-45° rotation
[TMBA] Top-mount bracket
Consult the factory
[UNI] 120-277V 50/60Hz
Luminaire body options
[DPC] Double powder coating