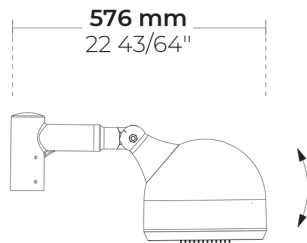


RHINO ML 1 Module

LL2028.671-EN

CE UK CA IK08 IP66



[T2]

Type II, Asymmetric,
Side throw - 130x85°

Variants

Light distribution	[T2] 130x85°
Delivered lumens flux	2909 - 3678 lm
Rated input power	35 W
Colour temperature	2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80
BUG rating	B1-U0-G1
Lifetime L90B50 (hour)	>60, 000
Lifetime L80B50 (hour)	>60, 000

Options

Control	On/Off, DALI, AutoDIM, StepDIM
Product colours	

Extras

External surge protection	10 kV
Mounting options	Side-mount bracket allowing +/-45° rotation
Consult the factory	120-277V 50/60Hz
Luminaire body options	Double powder coating

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	High reflectance aluminium coating, multifaceted micro reflector
Glass / Diffusor	Bio-based, enriched with bisphenol A diffusor
Impact protection	IK08
Ingress protection	IP66
Input voltage	220-240V 50/60Hz
Insulation class	Class I
Wind catching area (EPA)	0.07 m ²
Weight	7.15 kg
LED module	Multi-chip 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
Notes	LED modules and all electrical components have


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We reserve the right to change specifications without prior written notice. Edition: 26.12.2023.
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			

LL2028.671-EN-____-____-____-____-____**-EN-C1-**____-____-____-____-____

Light distribution	Rated input power	Colour temperature	Control	Product colours
[T2] Type II, Asymmetric, Side throw - 130x85°	[700] 35 W	[827] 2700 K CRI 80	[ONOFF] On/Off	[HM1]  Black
		[830] 3000 K CRI 80	[DALI] DALI	[HM2]  Dark grey
		[740] 4000 K CRI 70	[AUTO] AutoDIM	[HM3]  Anthracite grey
		[840] 4000 K CRI 80	[STEP] StepDIM	[HM4]  Light grey
				[HM5]  White
				[HM6]  Bronze
				[CC]  Custom colour (Please specify RAL code)

Extras
External surge protection
[SP10] 10 kV
Mounting options
[SMBA] Side-mount bracket allowing +/-45° rotation
Consult the factory
[UNI] 120-277V 50/60Hz
Luminaire body options
[DPC] Double powder coating

Variant code	Light distribution	Delivered lumens flux	Rated input power	Colour temperature	Control
LL2028.671-EN-T2-700-740	[T2] Type II, Asymmetric, Side throw - 130x85°	3448 lm	35 W	4000 K CRI 70	On/Off, DALI, AutoDIM, StepDIM
LL2028.671-EN-T2-700-827	[T2] Type II, Asymmetric, Side throw - 130x85°	2909 lm	35 W	2700 K CRI 80	On/Off, DALI, AutoDIM, StepDIM
LL2028.671-EN-T2-700-830	[T2] Type II, Asymmetric, Side throw - 130x85°	2945 lm	35 W	3000 K CRI 80	On/Off, DALI, AutoDIM, StepDIM
LL2028.671-EN-T2-700-840	[T2] Type II, Asymmetric, Side throw - 130x85°	3678 lm	35 W	4000 K CRI 80	On/Off, DALI, AutoDIM, StepDIM