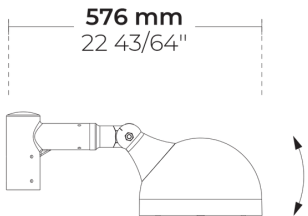


# RHINO AFX 1 Module



LL2028.861-EN-P4-700-830



[P4]

Pedestrian crosswalk distribution

## Configuration

Light distribution	[P4] 20x78°
Delivered lumens flux	3770 lm
Rated input power	35 W
Color temperature	3000 K CRI 80
Luminaire efficacy	107 lm/W
Lamp	16 LED
Color Deviation	3 SDCM
BUG rating	B1-U0-G1
Lifetime L90 (hour)	>102,000
Lifetime L80 (hour)	>102,000

## Options

## Technical information

Mounting	Direct pole or side bracket mountable. Tenon: Ø2 1/4" x 4"
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 / Diffusor	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 <sup>2</sup>
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 power cord entry
Operating temperature	-40...50°C
Power cord	20" of outdoor use rated flexible power cord
Packing box dimensions	32*32*32 cm

Poles (To be ordered separately)

Round tapered aluminum poles with base plate

	Product code	Height	Diameter / Dimensions	Spigot / End diameter
	PAFK.D114	10', 13.1', 16.4'	Ø4 1/2"	Ø2 3/8", Ø3"
	PAFK.D122	13.1', 16.4', 19.7'	Ø5"	Ø2 3/8", Ø3"
	PAFK.D148	19.7', 23.0', 26.2'	Ø6"	Ø2 3/8", Ø3"
	PAFK.D165	19.7', 23.0', 26.2', 29.5'	Ø6 1/2"	Ø3 1/2", Ø3"
	PAFK.D180	26.2', 29.5', 32.8'	Ø7"	Ø3 1/2", Ø3"
	PAFK.D200	32.8', 36.1', 39.4'	Ø7 7/8"	Ø3 1/2", Ø3"








Round tapered aluminum poles (direct burial)

	Product code	Height	Diameter / Dimensions	Spigot / End diameter
	PABK.D114	10', 13.1', 16.4'	Ø4 1/2"	Ø2 3/8", Ø3"
	PABK.D122	13.1', 16.4', 19.7', 23.0'	Ø5"	Ø2 3/8", Ø3"
	PABK.D148	19.7', 23.0', 26.2'	Ø6"	Ø2 3/8", Ø3"
	PABK.D165	19.7', 23.0', 26.2', 29.5'	Ø6 1/2"	Ø3 1/2", Ø3"
	PABK.D180	26.2', 29.5', 32.8'	Ø7"	Ø3 1/2", Ø3"
	PABK.D200	32.8', 36.1', 39.4'	Ø7 7/8"	Ø3 1/2", Ø3"

Round cylindrical aluminum poles with base plate

	Product code	Height	Diameter / Dimensions	Spigot / End diameter
	PAFC.D114	10', 13.1', 16.4'	Ø4 1/2"	Ø4 1/2"
	PAFC.D122	10', 13.1', 16.4', 19.7'	Ø5"	Ø4 51/64"
	PAFC.D148	19.7', 23.0', 26.2'	Ø6"	Ø5 7/8"
	PAFC.D165	19.7', 23.0', 26.2', 29.5'	Ø6 1/2"	Ø6 1/2"

Project name				Type		Quantity	
Date		Note					
LL2028.861-EN-P4-700-830-__-__-__-__-__-__-__							

Light distribution	Rated input power	Color temperature	Control	Product colors
<b>[P4]</b> Pedestrian crosswalk distribution - 20x78°  <b>[T1]</b> Type I - 111x48°  <b>[T2]</b> Type II - 133x48°  <b>[T2]</b> Type II - 149x54°  <b>[T3]</b> Type III - 143x63°  <b>[T4]</b> Type IV - 117x64°  <b>[T5]</b> Type V - 117°	<b>[700]</b> 35 W  <b>[350]</b> 18 W  <b>[500]</b> 25 W	<b>[830]</b> 3000 K CRI 80  <b>[827]</b> 2700 K CRI 80  <b>[740]</b> 4000 K CRI 70  <b>[840]</b> 4000 K CRI 80	<b>[ONOFF]</b> On/Off  <b>[DALI]</b> DALI  <b>[AUTO]</b> AutoDIM  <b>[STEP]</b> StepDIM	<b>[HM1]</b>  Black  <b>[HM2]</b>  Dark gray  <b>[HM3]</b>  Anthracite gray  <b>[HM4]</b>  Light gray  <b>[HM5]</b>  White  <b>[HM6]</b>  Bronze  <b>[CC]</b>  Custom color (Please specify RAL code)
Extras				

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