

# RHINO AFX 1 Module



LL2028.861-US-T1-350-740



[T1]  
Type I

## Configuration

Light distribution	[T1] 111x48°
Delivered lumens flux	2415 lm
Rated input power	18 W
Color temperature	4000 K CRI 70
Luminaire efficacy	134 lm/W
Lamp	16 LED
Color Deviation	4 SDCM
BUG rating	B1-U0-G0
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	120-277V 50/60Hz
Insulation class	Class I
Wind catching area (EPA)	0,08 m <sup>2</sup>
Weight	15.7 lbs
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
Notes	3000K CCT or warmer must be selected to be DarkSky International certified.

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-US-T1-350-740- - - - -

Light distribution	Rated input power	Color temperature	Control	Product colors
<b>[T1]</b> Type I - 111x48°	<b>[350]</b> 18 W	<b>[740]</b> 4000 K CRI 70	<b>[ONOFF]</b> On/Off	<b>[HM1]</b> Black
<b>[P4]</b> Pedestrian crosswalk distribution - 20x78°	<b>[500]</b> 25 W	<b>[827]</b> 2700 K CRI 80	<b>[0-10V]</b> 0-10V	<b>[HM2]</b> Dark gray
<b>[T2]</b> Type II - 133x48°	<b>[700]</b> 35 W	<b>[830]</b> 3000 K CRI 80		<b>[HM3]</b> Anthracite gray
<b>[T2]</b> Type II - 149x54°		<b>[840]</b> 4000 K CRI 80		<b>[HM4]</b> Light gray
<b>[T3]</b> Type III - 143x63°				<b>[HM5]</b> White
<b>[T4]</b> Type IV - 117x64°				<b>[HM6]</b> Bronze
<b>[T5]</b> Type V - 117°				<b>[CC]</b> Custom color (Please specify RAL code)

<b>Extras</b>
<b>External surge protection</b>
<b>[SP10]</b> 10 kV
<b>Light output</b>
<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>Luminaire body options</b>
<b>[DPC]</b> Double powder coating