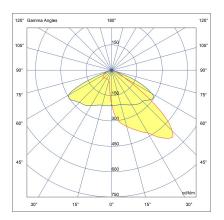
# **RHINO AFX 1 Module**



# LL2028.861-US-T2-700-827









Type II

## Configuration

Delivered lumens flux3800 lmRated input power35 WColor temperature2700 K CRI 80Luminaire efficacy108 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000	Light distribution	[T2] 133x48°
Color temperature2700 K CRI 80Luminaire efficacy108 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000	Delivered lumens flux	3800 lm
Luminaire efficacy108 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000	Rated input power	35 W
Lamp     16 LED       Color Deviation     3 SDCM       BUG rating     B1-U0-G0       Lifetime L90 (hour)     >102,000	Color temperature	2700 K CRI 80
Color Deviation     3 SDCM       BUG rating     B1-U0-G0       Lifetime L90 (hour)     >102,000	Luminaire efficacy	108 lm/W
BUG rating     B1-U0-G0       Lifetime L90 (hour)     >102,000	Lamp	16 LED
Lifetime L90 (hour) >102,000	Color Deviation	3 SDCM
	BUG rating	B1-U0-G0
\;fatime = 100 (h aver)	Lifetime L90 (hour)	>102,000
Lifetime L80 (nour) >102,000	Lifetime L80 (hour)	>102,000

## Options

## **Technical information**

Ø2 1/4" x 4     Tilt angle   +70°/-30     Housing   Corrosion resistant, die-cast, marine grad aluminum housin     Finishing   Chromate conversion pretreatment followed b electrostatic powder coatin     Fasteners   Stainless steel (AISI 304 / EN 1.4301 grade Gasket     Lens / Reflector   PMMA lens with high optical efficient Glass / Diffusor     Impact protection   IK0     Ingress protection   IK0
Housing   Corrosion resistant, die-cast, marine grad aluminum housin     Finishing   Chromate conversion pretreatment followed b electrostatic powder coatin     Fasteners   Stainless steel (AISI 304 / EN 1.4301 grade Gasket     Lens / Reflector   PMMA lens with high optical efficience Glass / Diffusor     Impact protection   IKO
aluminum housin Finishing Chromate conversion pretreatment followed b electrostatic powder coatin Fasteners Stainless steel (AISI 304 / EN 1.4301 grade Gasket Liquid silicon Lens / Reflector PMMA lens with high optical efficience Glass / Diffusor Tempered safety glass Impact protection IK0
FinishingChromate conversion pretreatment followed be electrostatic powder coatinFastenersStainless steel (AISI 304 / EN 1.4301 gradeGasketLiquid siliconLens / ReflectorPMMA lens with high optical efficienceGlass / DiffusorTempered safety glassImpact protectionIK0
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GasketLiquid siliconLens / ReflectorPMMA lens with high optical efficienceGlass / DiffusorTempered safety glassImpact protectionIKO
Lens / ReflectorPMMA lens with high optical efficienceGlass / DiffusorTempered safety glassImpact protectionIK0
Glass / Diffusor Tempered safety glass   Impact protection IK0
Impact protection IK0
Increase protection
Ingress protection IP6
<b>Input voltage</b> 120-277V 50/60⊢
Insulation class Class
Wind catching area 0,08 m
(EPA)
Weight 15.7 lb
LED module High power LEDs on metal-core PC
Driver Internal LED drive
Driver surge 6/6 k
protection
Power factor > 0.9
Through wiring Single power cord entr
Operating -4050°
temperature
Power cord 20" of outdoor use rated flexible power cor
Notes 3000K CCT or warmer must be selected to b

3000K CCT or warmer must be selected to be DarkSky International certified.

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We reserve the right to change specifications without prior written notice. Edition: 18.05.2024. For current version visit heperlighting.com. All flux (±%7 tolerance) and power values (±%10 tolerance) are derived following appropriate IES, CIE, and applicable standards.

## Round tapered aluminum poles with base plate

## Round tapered aluminum poles (direct burial)

Product code	Height	Diameter / Dimensions	Spigot / End diameter		Product code	Height	Diameter / Dimensions	Spigot / End diameter
PAFK.D114	10', 13.1', 16.4'	Ø4 1/2"	Ø2 3/8", Ø3"		PABK.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"		PABK.D122	13.1', 16.4', 19.7', 23.0'	Ø5"	Ø2 3/8", Ø3"
PAFK.D148	19.7', 23.0', 26.2'	Ø6"	Ø2 3/8", Ø3"		PABK.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"		PABK.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"		PABK.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"		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"

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Project na	me			Туре	Quantity	
Date		Note				
LL2028.	861-US-T2	2-700-827	/			

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

#### Extras

External surge protection

### [SP10]

10 kV

## Light output

#### [VS]

Visor for RHINO

### **Mounting options**

**[DMBA]** Double side-mount bracket

#### [SMBA]

Side-mount bracket allowing +/-45° rotation

## [TMBA]

Top-mount bracket

Luminaire body options

[DPC] Double powder coating

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