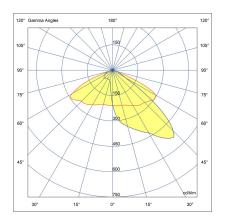
RHINO AFX 1 Module



LL2028.861-EN-T2-500-827









Type II

Configuration

Delivered lumens flux2935 lmRated input power25 WColor temperature2700 K CRI 80Luminaire efficacy117 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000Lifetime L80 (hour)>102,000	Light distribution	[T2] 133x48°
Color temperature2700 K CRI 80Luminaire efficacy117 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000	Delivered lumens flux	2935 lm
Luminaire efficacy117 lm/WLamp16 LEDColor Deviation3 SDCMBUG ratingB1-U0-G0Lifetime L90 (hour)>102,000	Rated input power	25 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	117 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
Lifetime L80 (hour) >102.000	Lifetime L90 (hour)	>102,000
	Lifetime L80 (hour)	>102,000

Options

dimensions

Technical information

Ø2 1/4" x 4"Tilt angle+70°/-30°HousingCorrosion resistant, die-cast, marine grade aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Ingress protectionIClass IWind catching area0,08 m²OriverInternal LED driverDriverInternal LED driverDriver surge6/6 XIPower factor> 0,95Through wiringSingle power cord entryOperating20" of outdoor use rated flexible power cordPacking box20" of outdoor use rated flexible power cord	Mounting	Direct pole or side bracket mountable. Tenon:
HousingCorrosion resistant, die-cast, marine grade aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Ingress protectionIClass IWind catching area0,08 m²(EPA)ED moduleDriverInternal LED driverDriver surge6/6 kVprotectionSingle power cord entryOperatingSingle power cord entryOperating20" of outdoor use rated flexible power cord		Ø2 1/4" x 4"
aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)ED moduleDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Tilt angle	+70°/-30°
FinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)ED moduleDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Housing	Corrosion resistant, die-cast, marine grade
electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord		aluminum housing
FastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)(EPA)Weight6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Finishing	Chromate conversion pretreatment followed by
GasketLiquid siliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord		electrostatic powder coating
Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgUeight6.73 kgDriverInternal LED driverDriverInternal LED driverProver factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Glass / DiffusorTempered safety glassImpact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Gasket	Liquid silicone
Impact protectionIK08Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Lens / Reflector	PMMA lens with high optical efficiency
Ingress protectionIP66Ingress protectionIP66Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Glass / Diffusor	Tempered safety glass
Input voltage220-240V 50/60HzInsulation classClass IWind catching area0,08 m²(EPA)6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Impact protection	IK08
Insulation class Class I Wind catching area 0,08 m ² (EPA) Weight 6.73 kg LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 6/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature Power cord 20" of outdoor use rated flexible power cord	Ingress protection	IP66
Wind catching area0,08 m²(EPA)(EPA)Weight6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Input voltage	220-240V 50/60Hz
(EPA)Weight6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°CtemperaturePower cord20" of outdoor use rated flexible power cord	Insulation class	Class I
Weight6.73 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection90Power factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature90% of outdoor use rated flexible power cord	Wind catching area	0,08 m²
LED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge6/6 kVprotection9Power factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	(EPA)	
DriverInternal LED driverDriver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°CtemperaturePower cord20" of outdoor use rated flexible power cord	Weight	6.73 kg
Driver surge6/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°CtemperaturePower cord20" of outdoor use rated flexible power cord	LED module	High power LEDs on metal-core PCB
protection > 0.95 Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C temperature 20" of outdoor use rated flexible power cord	Driver	Internal LED driver
Power factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature20" of outdoor use rated flexible power cord	Driver surge	6/6 kV
Through wiring Single power cord entry Operating -4050°C temperature 20" of outdoor use rated flexible power cord	protection	
Operating -4050°C temperature 20" of outdoor use rated flexible power cord	Power factor	> 0.95
temperaturePower cord20" of outdoor use rated flexible power cord	Through wiring	Single power cord entry
Power cord20" of outdoor use rated flexible power cord	Operating	-4050°C
-	temperature	
Packing box 32*32*32 cm	Power cord	20" of outdoor use rated flexible power cord
	Packing box	32*32*32 cm

HEPER USA LLC W227 N546 Westmound Drive Waukesha, 53186 Wisconsin, United States +1 312 910 9740 infoUS@hepergroup.com We reserve the right to change specifications without prior written notice. Edition: 18.05.2024. For current version visit heperlighting.com. All flux (\pm %7 tolerance) and power values (\pm %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',	Ø4 1/2"	Ø4 1/2"
1		16.4'		
	PAFC.D122	10', 13.1',	Ø5"	Ø4 51/64"
		16.4', 19.7'		
	PAFC.D148	19.7', 23.0',	Ø6"	Ø5 7/8"
		26.2'		
	PAFC.D165	19.7', 23.0',	Ø6 1/2"	Ø6 1/2"
		26.2', 29.5'		

HEPER USA LLC W227 N546 Westmound Drive Waukesha, 53186 Wisconsin, United States +1 312 910 9740 infoUS@hepergroup.com

Project na	t name		Туре	Quantity		
Date		Note				
LL2028.861-EN-T2-500-827						

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

HEPER USA LLC W227 N546 Westmound Drive Waukesha, 53186 Wisconsin, United States +1 312 910 9740 infoUS@hepergroup.com We reserve the right to change specifications without prior written notice. Edition: 18.05.2024. For current version visit heperlighting.com. All flux (\pm %7 tolerance) and power values (\pm %10 tolerance) are derived following appropriate IES, CIE, and applicable standards.