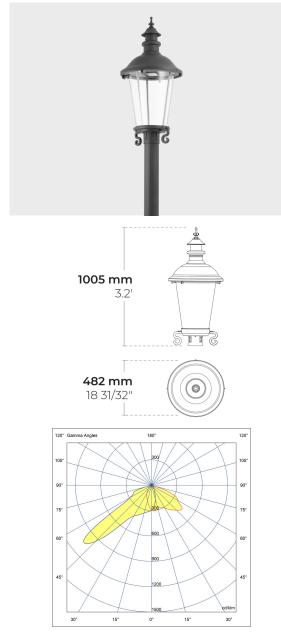
# **HELIOS AFX 1 Module**



## LP4036.861-US-P4-350-827





**[P4]** Pedestrian crosswalk distribution

#### Configuration

Light distribution	[P4] 20x78°
Delivered lumens flux	2055 lm
Rated input power	18 W
Color temperature	2700 K CRI 80
Luminaire efficacy	114 lm/W
Lamp	16 LED
Color Deviation	3 SDCM
BUG rating	B1-U0-G0
Lifetime L90 (hour)	>102,000
Lifetime L80 (hour)	>102,000

#### Options

#### Technical information

Ø2 1/4" x 4"HousingCorrosion resistant, marine grade aluminum housingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWeight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverPower factor> 0.95Through wiringSingle power cord entryOperating-4050°Ctemperature-4050°C	Mounting	Direct pole or side bracket mountable. Tenon:
FinishinghousingFinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)High power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotectionPower factor> 0.95Through wiringSingle power cord entryOperating-4050°C		Ø2 1/4" x 4"
FinishingChromate conversion pretreatment followed by electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)High power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C	Housing	Corrosion resistant, marine grade aluminum
electrostatic powder coatingFastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)KeightWeight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C		housing
FastenersStainless steel (AISI 304 / EN 1.4301 grade)GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)High power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C	Finishing	Chromate conversion pretreatment followed by
GasketSiliconeLens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C		electrostatic powder coating
Lens / ReflectorPMMA lens with high optical efficiencyGlass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)(EPA)Weight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C	Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Glass / DiffusorCustom Design PMMA DiffusorImpact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)VeightWeight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C	Gasket	Silicone
Impact protectionIK08Ingress protectionIP66Input voltage120-277V 50/60HzInsulation classClass IWind catching area0.24 ft²(EPA)(EPA)Weight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection> 0.95Through wiringSingle power cord entryOperating-4050°C	Lens / Reflector	PMMA lens with high optical efficiency
Ingress protection IP66 Input voltage IP66 Input voltage 120-277V 50/60Hz Insulation class Class I Wind catching area 0.24 ft <sup>2</sup> (EPA) Weight 4.86 kg LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 10/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C	Glass / Diffusor	Custom Design PMMA Diffusor
Input voltage 120-277V 50/60Hz Insulation class Class I Wind catching area 0.24 ft <sup>2</sup> (EPA) Weight 4.86 kg LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 10/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C	Impact protection	IK08
Insulation class Class I Wind catching area 0.24 ft <sup>2</sup> (EPA) Weight 4.86 kg LED module High power LEDs on metal-core PCB Driver Internal LED driver Driver surge 10/6 kV protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C	Ingress protection	IP66
Wind catching area0.24 ft²(EPA)(EPA)Weight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection1000000000000000000000000000000000000	Input voltage	120-277V 50/60Hz
(EPA)Weight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection9000000000000000000000000000000000000	Insulation class	Class I
Weight4.86 kgLED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotectionPower factorPower factor> 0.95Through wiringSingle power cord entryOperating-4050°C	Wind catching area	0.24 ft²
LED moduleHigh power LEDs on metal-core PCBDriverInternal LED driverDriver surge10/6 kVprotection90wer factorPower factor> 0.95Through wiringSingle power cord entryOperating-4050°C	(EPA)	
DriverInternal LED driverDriver surge10/6 kVprotectionPower factorPower factor> 0.95Through wiringSingle power cord entryOperating-4050°C	Weight	4.86 kg
Driver surge10/6 kVprotection9Power factor> 0.95Through wiringSingle power cord entryOperating-4050°C	LED module	High power LEDs on metal-core PCB
protection Power factor > 0.95 Through wiring Single power cord entry Operating -4050°C	Driver	Internal LED driver
Power factor> 0.95Through wiringSingle power cord entryOperating-4050°C	Driver surge	10/6 kV
Through wiringSingle power cord entryOperating-4050°C	protection	
Operating -4050°C	Power factor	> 0.95
	Through wiring	Single power cord entry
temperature	Operating	-4050°C
	temperature	
Power cord20" of outdoor use rated flexible power cord	Power cord	20" of outdoor use rated flexible power cord

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', 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"

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

Project na	me			Туре	Quantity	
Date			Note			
LP4036.	861-US-P	4-350-827	7			

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