

# HELIOS AFX 1 Module



LP4036.861-EN-P4-350-740



[P4]

Pedestrian crosswalk  
distribution

## Configuration

Light distribution	[P4] 20x78°
Delivered lumens flux	2345 lm
Rated input power	18 W
Color temperature	4000 K CRI 70
Luminaire efficacy	130 lm/W
Lamp	16 LED
Color Deviation	4 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"
Housing	Corrosion resistant, marine grade aluminum housing
Finishing	Chromate conversion pretreatment followed by electrostatic powder coating
Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Gasket	Silicone
Lens / Reflector	PMMA lens with high optical efficiency
Glass / Diffuser	Custom Design PMMA Diffuser
Impact protection	IK08
Ingress protection	IP66
Input voltage	220-240V 50/60Hz
Insulation class	Class I
Wind catching area (EPA)	0.24 m <sup>2</sup>
Weight	4.86 kg
LED module	High power LEDs on metal-core PCB
Driver	Internal LED driver
Driver surge protection	10/6 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	50*50*103 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					
LP4036.861-EN-P4-350-740-__-__-__							

Light distribution	Rated input power	Color temperature	Control	Product colors
<b>[P4]</b> Pedestrian crosswalk distribution - 20x78°	<b>[350]</b> 18 W	<b>[740]</b> 4000 K CRI 70	<b>[ONOFF]</b> On/Off	<b>[HM1]</b> Black
<b>[T1]</b> Type I - 111x48°	<b>[500]</b> 25 W	<b>[827]</b> 2700 K CRI 80	<b>[DALI]</b> DALI	<b>[HM2]</b> Dark gray
<b>[T2]</b> Type II - 133x48°	<b>[700]</b> 35 W	<b>[830]</b> 3000 K CRI 80	<b>[AUTO]</b> AutoDIM	<b>[HM3]</b> Anthracite gray
<b>[T2]</b> Type II - 149x54°		<b>[840]</b> 4000 K CRI 80	<b>[STEP]</b> StepDIM	<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)
Extras				
Consult the factory				
<b>[UNI]</b> 120-277V 50/60Hz				