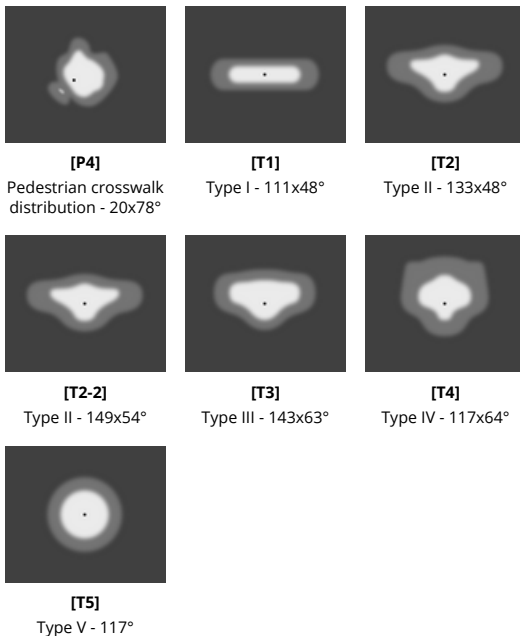
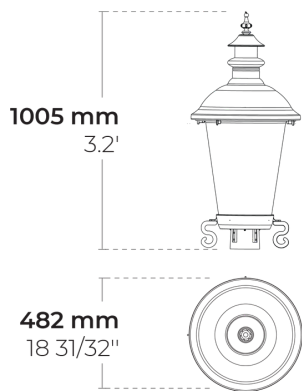


# HELIOS AFX 1 Module

LP4036.861-US



## Configurations

<b>Light distribution</b>	[P4] 20x78°, [T1] 111x48°, [T2] 133x48°, [T2-2] 149x54°, [T3] 143x63°, [T4] 117x64°, [T5] 117°
<b>Delivered lumens flux</b>	1975 - 4540 lm
<b>Rated input power</b>	18 - 35 W
<b>Color temperature</b>	2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80
<b>BUG rating</b>	B1-U0-G1, B1-U0-G0, B2-U0-G1, B0-U0-G0, B2-U0-G0
<b>Lifetime L90 (hour)</b>	>102,000
<b>Lifetime L80 (hour)</b>	>102,000

## Options


<b>Control</b>	On/Off, 0-10V
<b>Product colors</b>	

## Technical information


<b>Mounting</b>	Direct pole or side bracket mountable. Tenon: Ø2 1/4" x 4"
<b>Housing</b>	Corrosion resistant, marine grade aluminum housing
<b>Finishing</b>	Chromate conversion pretreatment followed by electrostatic powder coating
<b>Fasteners</b>	Stainless steel (AISI 304 / EN 1.4301 grade)
<b>Gasket</b>	Silicone
<b>Lens / Reflector</b>	PMMA lens with high optical efficiency
<b>Glass / Diffusor</b>	Custom Design PMMA Diffusor
<b>Impact protection</b>	IK08
<b>Ingress protection</b>	IP66
<b>Input voltage</b>	120-277V 50/60Hz
<b>Insulation class</b>	Class I
<b>Wind catching area (EPA)</b>	0.24 ft²
<b>Weight</b>	4.86 kg
<b>LED module</b>	High power LEDs on metal-core PCB
<b>Driver</b>	Internal LED driver
<b>Driver surge protection</b>	10/6 kV
<b>Power factor</b>	> 0.95
<b>Through wiring</b>	Single power cord entry
<b>Operating temperature</b>	-40...50°C
<b>Power cord</b>	20" of outdoor use rated flexible power cord

## 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-US-**\_\_\_\_-\_\_\_\_-\_\_\_\_-\_\_\_\_-\_\_\_\_

Light distribution	Rated input power	Color temperature	Control	Product colors
<b>[P4]</b> Pedestrian crosswalk distribution - 20x78°	<b>[350]</b> 18 W	<b>[827]</b> 2700 K CRI 80	<b>[ONOFF]</b> On/Off	<b>[HM1]</b>  Black
<b>[T1]</b> Type I - 111x48°	<b>[500]</b> 25 W	<b>[830]</b> 3000 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>[740]</b> 4000 K CRI 70		<b>[HM3]</b>  Anthracite gray
<b>[T2-2]</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)

Configuration code	Light distribution	Delivered lumens flux	Rated input power	Color temperature	Control
LP4036.861-US-T1-350-740	[T1] Type I - 111x48°	2415 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T1-350-827	[T1] Type I - 111x48°	2115 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-350-830	[T1] Type I - 111x48°	2115 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-350-840	[T1] Type I - 111x48°	2115 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-500-740	[T1] Type I - 111x48°	3390 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T1-500-827	[T1] Type I - 111x48°	2895 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-500-830	[T1] Type I - 111x48°	2895 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-500-840	[T1] Type I - 111x48°	2895 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-700-740	[T1] Type I - 111x48°	4445 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T1-700-827	[T1] Type I - 111x48°	3750 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-700-830	[T1] Type I - 111x48°	3750 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T1-700-840	[T1] Type I - 111x48°	3750 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-350-740	[T2] Type II - 133x48°	2255 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-350-827	[T2] Type II - 133x48°	1975 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-350-830	[T2] Type II - 133x48°	1975 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-350-840	[T2] Type II - 133x48°	1975 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-500-740	[T2] Type II - 133x48°	3440 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-500-827	[T2] Type II - 133x48°	2935 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-500-830	[T2] Type II - 133x48°	2935 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-500-840	[T2] Type II - 133x48°	2935 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-700-740	[T2] Type II - 133x48°	4510 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-700-827	[T2] Type II - 133x48°	3800 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-700-830	[T2] Type II - 133x48°	3800 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-700-840	[T2] Type II - 133x48°	3800 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-350-740	[T2] Type II - 149x54°	2290 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-2-350-827	[T2] Type II - 149x54°	2010 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-350-830	[T2] Type II - 149x54°	2010 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-350-840	[T2] Type II - 149x54°	2010 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-500-740	[T2] Type II - 149x54°	3320 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-2-500-827	[T2] Type II - 149x54°	2830 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-500-830	[T2] Type II - 149x54°	2830 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-500-840	[T2] Type II - 149x54°	2830 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-700-740	[T2] Type II - 149x54°	4370 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T2-2-700-827	[T2] Type II - 149x54°	3665 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-700-830	[T2] Type II - 149x54°	3665 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T2-2-700-840	[T2] Type II - 149x54°	3665 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-350-740	[T3] Type III - 143x63°	2155 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T3-350-827	[T3] Type III - 143x63°	1980 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-350-830	[T3] Type III - 143x63°	1980 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-350-840	[T3] Type III - 143x63°	1980 lm	18 W	4000 K CRI 80	On/Off, 0-10V

LP4036.861-US-T3-500-740	[T3] Type III - 143x63°	3150 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T3-500-827	[T3] Type III - 143x63°	2695 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-500-830	[T3] Type III - 143x63°	2695 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-500-840	[T3] Type III - 143x63°	2695 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-700-740	[T3] Type III - 143x63°	4140 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T3-700-827	[T3] Type III - 143x63°	3490 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-700-830	[T3] Type III - 143x63°	3490 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T3-700-840	[T3] Type III - 143x63°	3490 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-350-740	[T4] Type IV - 117x64°	2260 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T4-350-827	[T4] Type IV - 117x64°	1980 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-350-830	[T4] Type IV - 117x64°	1980 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-350-840	[T4] Type IV - 117x64°	1980 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-500-740	[T4] Type IV - 117x64°	3275 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T4-500-827	[T4] Type IV - 117x64°	2805 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-500-830	[T4] Type IV - 117x64°	2805 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-500-840	[T4] Type IV - 117x64°	2805 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-700-740	[T4] Type IV - 117x64°	4310 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T4-700-827	[T4] Type IV - 117x64°	3630 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-700-830	[T4] Type IV - 117x64°	3630 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T4-700-840	[T4] Type IV - 117x64°	3630 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-350-740	[T5] Type V - 117°	2345 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T5-350-827	[T5] Type V - 117°	2055 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-350-830	[T5] Type V - 117°	2055 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-350-840	[T5] Type V - 117°	2055 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-500-740	[T5] Type V - 117°	3445 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T5-500-827	[T5] Type V - 117°	2955 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-500-830	[T5] Type V - 117°	2955 lm	25 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-500-840	[T5] Type V - 117°	2955 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-700-740	[T5] Type V - 117°	4540 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-T5-700-827	[T5] Type V - 117°	3820 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-700-830	[T5] Type V - 117°	3820 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-T5-700-840	[T5] Type V - 117°	3820 lm	35 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-350-740	[P4] Pedestrian crosswalk distribution - 20x78°	2345 lm	18 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-P4-350-827	[P4] Pedestrian crosswalk distribution - 20x78°	2055 lm	18 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-350-830	[P4] Pedestrian crosswalk distribution - 20x78°	2055 lm	18 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-350-840	[P4] Pedestrian crosswalk distribution - 20x78°	2055 lm	18 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-500-740	[P4] Pedestrian crosswalk distribution - 20x78°	3400 lm	25 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-P4-500-827	[P4] Pedestrian crosswalk distribution - 20x78°	2915 lm	25 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-500-830	[P4] Pedestrian crosswalk distribution - 20x78°	2915 lm	25 W	3000 K CRI 80	On/Off, 0-10V

LP4036.861-US-P4-500-840	[P4] Pedestrian crosswalk distribution - 20x78°	2915 lm	25 W	4000 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-700-740	[P4] Pedestrian crosswalk distribution - 20x78°	4480 lm	35 W	4000 K CRI 70	On/Off, 0-10V
LP4036.861-US-P4-700-827	[P4] Pedestrian crosswalk distribution - 20x78°	3770 lm	35 W	2700 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-700-830	[P4] Pedestrian crosswalk distribution - 20x78°	3770 lm	35 W	3000 K CRI 80	On/Off, 0-10V
LP4036.861-US-P4-700-840	[P4] Pedestrian crosswalk distribution - 20x78°	3770 lm	35 W	4000 K CRI 80	On/Off, 0-10V