

HELIOS AFX 1 Module



LP4036.861-US-T1-500-827



[T1]
Type I

Configuration

| | |
|-----------------------|---------------|
| Light distribution | [T1] 111x48° |
| Delivered lumens flux | 2895 lm |
| Rated input power | 25 W |
| Color temperature | 2700 K CRI 80 |
| Luminaire efficacy | 115 lm/W |
| Lamp | 16 LED |
| Color Deviation | 3 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 | 120-277V 50/60Hz |
| Insulation class | Class I |
| Wind catching area (EPA) | 0.24 ft² |
| 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 |

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-T1-500-827-__-__ | | | | | | | |

| Light distribution | Rated input power | Color temperature | Control | Product colors |
|-----------------------------------------------------------|----------------------|-------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| [T1] Type I - 111x48° | [500] 25 W | [827] 2700 K CRI 80 | [ONOFF] On/Off | [HM1] Black  |
| [P4] Pedestrian crosswalk distribution - 20x78° | [350] 18 W | [830] 3000 K CRI 80 | [0-10V] 0-10V | [HM2] Dark gray  |
| [T2] Type II - 133x48° | [700] 35 W | [740] 4000 K CRI 70 | | [HM3] Anthracite gray  |
| [T2] Type II - 149x54° | | [840] 4000 K CRI 80 | | [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) |