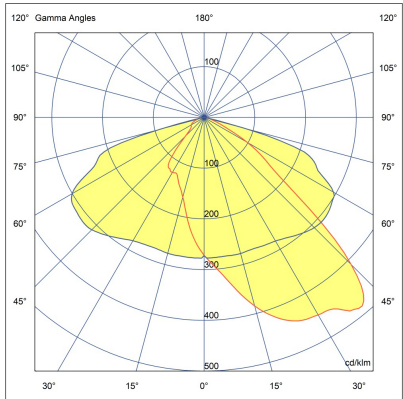
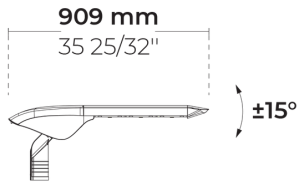


# D-LIGHT AFX 3 Module



LL2023.863-US-T2-2-350-830



[T2]  
Type II

## Configuration

|                       |               |
|-----------------------|---------------|
| Light distribution    | [T2] 149x54°  |
| Delivered lumens flux | 6030 lm       |
| Rated input power     | 50 W          |
| Color temperature     | 3000 K CRI 80 |
| Luminaire efficacy    | 118 lm/W      |
| Lamp                  | 48 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:<br>Ø2 1/4" x 4"                                                               |
| Tilt angle                  | +15°/-15°                                                                                                                   |
| Housing                     | Corrosion resistant, die-cast, marine grade<br>aluminum housing                                                             |
| Finishing                   | Chromate conversion pretreatment followed by<br>electrostatic powder coating                                                |
| Fasteners                   | Stainless steel (AISI 304 / EN 1.4301 grade)                                                                                |
| Gasket                      | EPDM gasket (Shore A 20-25)                                                                                                 |
| Lens / Reflector            | PMMA lens with high optical efficiency                                                                                      |
| Glass / Diffusor            | Tempered safety glass                                                                                                       |
| Impact protection           | IK08                                                                                                                        |
| Ingress protection          | IP66                                                                                                                        |
| Input voltage               | 120-277V 50/60Hz                                                                                                            |
| Insulation class            | Class I                                                                                                                     |
| Wind catching area<br>(EPA) | 0.85 ft <sup>2</sup>                                                                                                        |
| Weight                      | 19.09 lbs                                                                                                                   |
| LED module                  | High power LEDs on metal-core PCB                                                                                           |
| Driver                      | Internal LED driver                                                                                                         |
| Driver surge<br>protection  | 10/6 kV                                                                                                                     |
| Power factor                | > 0.95                                                                                                                      |
| Through wiring              | Single power cord entry                                                                                                     |
| Operating<br>temperature    | -40...50°C                                                                                                                  |
| Power cord                  | 20' of outdoor use rated flexible power cord                                                                                |
| Packing box<br>dimensions   | 3 15/16" x 25/32" x 5/8"                                                                                                    |
| Pole detail                 | Poles are supplied with flange plate. Flange<br>cover and anchorage can be ordered separately.<br>Embedded base is optional |

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"               |

Accessories (To be ordered separately)

Mounting accessories



Wall mounting bracket

B6A.03.03.01001.0220

|              |  |      |  |      |  |          |  |
|--------------|--|------|--|------|--|----------|--|
| Project name |  |      |  | Type |  | Quantity |  |
| Date         |  | Note |  |      |  |          |  |

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| Light distribution                                                                                                                                                                                                                                                                             | Rated input power                                                              | Color temperature                                                                                        | Control                                                    | Product colors                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <div>[T2]<br/>Type II - 149x54°</div> <div>[P4]<br/>Pedestrian crosswalk distribution - 20x78°</div> <div>[T1]<br/>Type I - 111x48°</div> <div>[T2]<br/>Type II - 133x48°</div> <div>[T3]<br/>Type III - 143x63°</div> <div>[T4]<br/>Type IV - 117x64°</div> <div>[T5]<br/>Type V - 117°</div> | <div>[350]<br/>50 W</div> <div>[500]<br/>72 W</div> <div>[700]<br/>100 W</div> | <div>[830]<br/>3000 K CRI 80</div> <div>[730]<br/>3000 K CRI 70</div> <div>[740]<br/>4000 K CRI 70</div> | <div>[ONOFF]<br/>On/Off</div> <div>[0-10V]<br/>0-10V</div> | <div>[HM3]<br/>Anthracite gray</div> <div>[HM4]<br/>Light gray</div> <div>[CC]<br/>Custom color (Please specify RAL code)</div> |
| Extras                                                                                                                                                                                                                                                                                         | Accessories ( <i>To be ordered separately</i> )                                |                                                                                                          |                                                            |                                                                                                                                 |
| External surge protection                                                                                                                                                                                                                                                                      | Mounting accessories                                                           |                                                                                                          |                                                            |                                                                                                                                 |
| [SP10]<br>10 kV                                                                                                                                                                                                                                                                                | [B6A.03.03.01001.0220]<br>Wall mounting bracket                                |                                                                                                          |                                                            |                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                   |                                                                                |                                                                                                          |                                                            |                                                                                                                                 |
| [NM7]<br>7 Pin NEMA socket                                                                                                                                                                                                                                                                     |                                                                                |                                                                                                          |                                                            |                                                                                                                                 |
| Luminaire body options                                                                                                                                                                                                                                                                         |                                                                                |                                                                                                          |                                                            |                                                                                                                                 |
| [DPC]<br>Double powder coating                                                                                                                                                                                                                                                                 |                                                                                |                                                                                                          |                                                            |                                                                                                                                 |