

# D-LIGHT AFX 3 Module



IK08 IP66



LL2023.863-EN-T4-700-740-EN-C1

**[T4]**Type IV, Asymmetric,  
Forward throw

## Variant

|                        |               |
|------------------------|---------------|
| Light distribution     | [T4] 117x64°  |
| Delivered lumens flux  | 12935 lm      |
| Rated input power      | 100 W         |
| Colour temperature     | 4000 K CRI 70 |
| Luminaire efficacy     | 124 lm/W      |
| Lamp                   | 48 LED        |
| MacAdam Ellipse        | 4 SDCM        |
| BUG rating             | B2-U1-G2      |
| Lifetime L90B50 (hour) | >102,000      |
| Lifetime L80B50 (hour) | >102,000      |

## Options

## Technical information

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Mounting                 | Direct pole or side bracket mountable. Spigot: Ø60 mm x 100 mm                                                        |
| Tilt angle               | +15°/-15°                                                                                                             |
| Housing                  | Corrosion resistant, die-cast, marine grade aluminum housing                                                          |
| Finishing                | Chromate conversion pretreatment followed by 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 / Diffuser         | Tempered safety glass                                                                                                 |
| Impact protection        | IK08                                                                                                                  |
| Ingress protection       | IP66                                                                                                                  |
| Input voltage            | 220-240V 50/60Hz                                                                                                      |
| Insulation class         | Class I                                                                                                               |
| Wind catching area (EPA) | 0.08 m <sup>2</sup>                                                                                                   |
| Weight                   | 8.68 kg                                                                                                               |
| LED module               | High power LEDs on metal-core PCB                                                                                     |
| Driver                   | Internal LED driver                                                                                                   |
| Driver surge protection  | 10/6 kV                                                                                                               |
| Power factor             | > 0.98                                                                                                                |
| Through wiring           | Single cable entry                                                                                                    |
| Operating temperature    | -40...50°C                                                                                                            |
| Cable                    | 0.5 m of flexible cable                                                                                               |
| Packing box dimensions   | 100*20*16 cm                                                                                                          |
| Pole detail              | Poles are supplied with flange plate. Flange cover and anchorage can be ordered separately. Embedded base is optional |

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We reserve the right to change specifications without prior written notice. Edition: 09.05.2024.  
For current version visit [heperlighting.com](http://heperlighting.com). All flux (±%7 tolerance) and power values (±%10 tolerance) are derived following appropriate IES, CIE, and applicable standards.

## Poles (To be ordered separately)

### Conical aluminum poles with flange plate

|  | Product code | Height           | Diameter / Dimensions | Spigot diameter |
|-----------------------------------------------------------------------------------|--------------|------------------|-----------------------|-----------------|
|                                                                                   | PAFK.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PAFK.D122    | 4m, 5m, 6m m     | Ø122mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PAFK.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PAFK.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø76mm, Ø90mm mm |
|                                                                                   | PAFK.D180    | 10m, 8m, 9m m    | Ø180mm                | Ø76mm, Ø90mm mm |
|                                                                                   | PAFK.D200    | 10m, 11m, 12m m  | Ø200mm                | Ø76mm, Ø90mm mm |

### Conical aluminum poles with embedded base

|  | Product code | Height           | Diameter / Dimensions | Spigot diameter |
|-----------------------------------------------------------------------------------|--------------|------------------|-----------------------|-----------------|
|                                                                                   | PABK.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PABK.D122    | 4m, 5m, 6m, 7m m | Ø122mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PABK.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø60mm, Ø76mm mm |
|                                                                                   | PABK.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø76mm, Ø90mm mm |
|                                                                                   | PABK.D180    | 10m, 8m, 9m m    | Ø180mm                | Ø76mm, Ø90mm mm |
|                                                                                   | PABK.D200    | 10m, 11m, 12m m  | Ø200mm                | Ø76mm, Ø90mm mm |

### Cylindrical aluminum poles with flange plate

|  | Product code | Height           | Diameter / Dimensions | Spigot diameter |
|-----------------------------------------------------------------------------------|--------------|------------------|-----------------------|-----------------|
|                                                                                   | PAFC.D114    | 3m, 4m, 5m m     | Ø114mm                | Ø114mm mm       |
|                                                                                   | PAFC.D122    | 3m, 4m, 5m, 6m m | Ø122mm                | Ø122mm mm       |
|                                                                                   | PAFC.D148    | 6m, 7m, 8m m     | Ø148mm                | Ø148mm mm       |
|                                                                                   | PAFC.D165    | 6m, 7m, 8m, 9m m | Ø165mm                | Ø165mm mm       |

## Accessories (To be ordered separately)

### Mounting accessories



Wall mounting bracket

B6A.03.03.01001.0220

|                                                            |  |             |  |                 |  |
|------------------------------------------------------------|--|-------------|--|-----------------|--|
| <b>Project name</b>                                        |  | <b>Type</b> |  | <b>Quantity</b> |  |
| <b>Date</b>                                                |  | <b>Note</b> |  |                 |  |
| <b>LL2023.863-EN-T4-700-740-__-EN-C1-__-__-__-__-__-__</b> |  |             |  |                 |  |

| Light distribution                                                                                                                                                                                                                                                                                                                                                                                                  | Rated input power                                    | Colour temperature            | Control                  | Product colours                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[T4]</b><br>Type IV, Asymmetric,<br>Forward throw -<br>117x64°                                                                                                                                                                                                                                                                                                                                                   | <b>[700]</b><br>100 W                                | <b>[740]</b><br>4000 K CRI 70 | <b>[ONOFF]</b><br>On/Off | <b>[HM3]</b><br>Anthracite grey                            |
| <b>[P4]</b><br>Special pedestrian<br>road distribution-right<br>side traffic - 20x78°<br><br><b>[T1]</b><br>Type I, Asymmetric,<br>Side throw - 111x48°<br><br><b>[T2]</b><br>Type II, Asymmetric,<br>Side throw - 133x48°<br><br><b>[T2]</b><br>Type II, Asymmetric,<br>Side throw - 149x54°<br><br><b>[T3]</b><br>Type III, Asymmetric,<br>Side throw - 143x63°<br><br><b>[T5]</b><br>Type V, Symmetric -<br>117° | <b>[350]</b><br>50 W                                 | <b>[730]</b><br>3000 K CRI 70 | <b>[DALI]</b><br>DALI    | <b>[HM4]</b><br>Light grey                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>[500]</b><br>72 W                                 | <b>[830]</b><br>3000 K CRI 80 | <b>[AUTO]</b><br>AutoDIM | <b>[CC]</b><br>Custom colour (Please<br>specify RAL code)  |
|                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                               | <b>[STEP]</b><br>StepDIM |                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                               |                          |                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                               |                          |                                                                                                                                               |
| <b>Extras</b>                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Accessories (<i>To be ordered separately</i>)</b> |                               |                          |                                                                                                                                               |

| External surge protection             | Mounting accessories                                   |
|---------------------------------------|--------------------------------------------------------|
| <b>[SP10]</b><br>10 kV                | <b>[B6A.03.03.01001.0220]</b><br>Wall mounting bracket |
| <b>Connectivity</b>                   |                                                        |
| <b>[NM7]</b><br>NEMA socket - 7 Pin   |                                                        |
| <b>Light output</b>                   |                                                        |
| <b>[CLO]</b><br>Constant light output |                                                        |
| <b>Consult the factory</b>            |                                                        |
| <b>[C2]</b><br>Class II               |                                                        |
| <b>[UNI]</b><br>120-277V 50/60Hz      |                                                        |
| <b>Luminaire body options</b>         |                                                        |
| <b>[DPC]</b><br>Double powder coating |                                                        |