

BODY OF LIGHT



FO420  
FO420-W



A-Series  
1-3 lighting units



T-Series  
2-3 lighting units

FO600  
FO600-W



A-Series  
3-5 lighting units

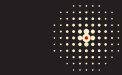


T-Series  
3-5 lighting units

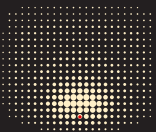
SHAPE OF LIGHT



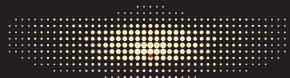
Precision lens optics  
\* also available in satiné version



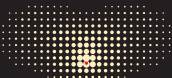
AH02\*  
Symmetric Wide Flood



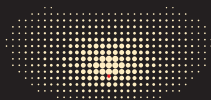
AP07\*  
Asymmetric Extra Forward



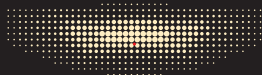
AS06\*  
Asymmetric Extra Side Throw



AS07\*  
Asymmetric Side Throw



AS08\*  
Asymmetric Side and Forward Throw



AS09\*  
Asymmetric Extra Side Throw



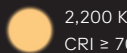
AS10-L  
Asymmetric Forward - Left



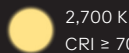
AS10-R  
Asymmetric Forward - Right



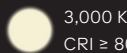
Shape your own light by combining  
any light distribution



2,200 K  
CRI ≥ 70



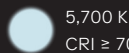
2,700 K  
CRI ≥ 70



3,000 K  
CRI ≥ 80



4,000 K  
CRI ≥ 70

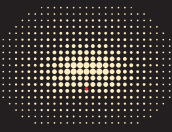


5,700 K  
CRI ≥ 70

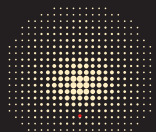
CRI ≥ 80  
on request



ewoLighTile: low glare light-guiding panels



TS11  
Asymmetric Side and Forward Throw



TP08  
Asymmetric Extra Forward



Tunable White  
CRI ≥ 80



RGBW

INTELLIGENCE OF LIGHT



Control protocols

|               |           |
|---------------|-----------|
| ON/OFF        | ON<br>OFF |
| DALI 2        | DALI      |
| 1-10 V        | 1-10V     |
| ewo connexx   | XX        |
| Zhaga Book 18 | Z         |
| Line Switch   | LS        |

Programming options

|             |                        |
|-------------|------------------------|
| CLO         | Constant Lumen Output  |
| AC/DC       | Emergency power supply |
| Stand-alone |                        |



Control protocols

|           |            |
|-----------|------------|
| DALI 2 T8 | T8<br>DALI |
|-----------|------------|

Programming options

|               |
|---------------|
| Night dimming |
|---------------|

FO420

FO420  
FO420-W

Public space  
Roads and traffic



DB 703  
Anthracite

ewo  
colours



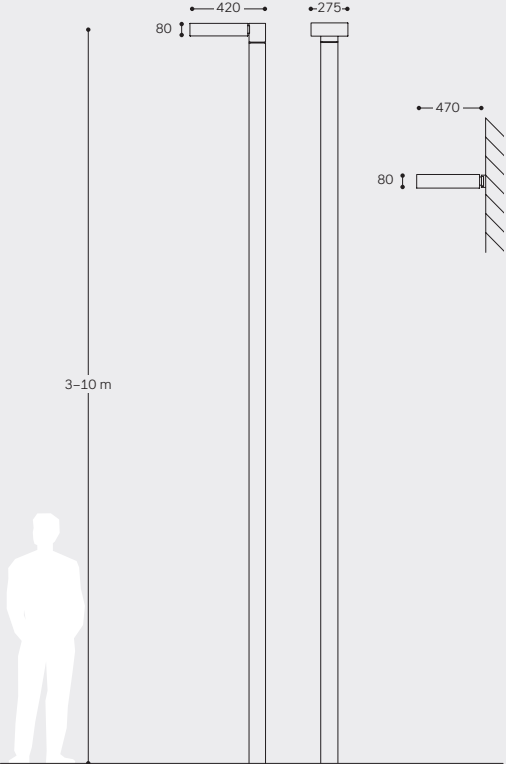
A-Series  
1-3 lighting units



T-Series  
2-3 lighting units

Configurator

CE IP66 RoHS IK08



Housing




|                        |  |
|------------------------|--|
| Housing material       | Aluminum die-cast  |
| Housing finish         | Polyester powder coating (ewoECP upon request**)   |
| Finish standard colour | Anthracite (DB 703)*   |
| Glass                  | Safety glass (ESG)   |
| Mounting options       | Pole, wall   |
| Pole adapter           | Aluminum, fixed position, 90° for pole-top ø 42 mm, ø 48 mm, ø 60 mm, ø 76 mm, ø 89 mm, ø 114 mm or ø 133 mm (single or double design), fixed position, 0° for pole-top ø 42 mm, ø 48 mm or ø 60 mm, adjustable in 5° increments from 0–90°, for pole-top ø 60 mm or ø 76 mm |

\* other colours on request  
\*\* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Electrical

|                        |                |                |
|------------------------|----------------|----------------|
|                        | A-Series       | T-Series       |
| Protection class       | I/II           | I              |
| Voltage [V], [Hz]      | 220–240, 50/60 | 220–240, 50/60 |
| Current feed max. [mA] | 650            | 225            |
| LED power max. [W]     | 95             | 36             |

Driver

|                        |   |   |
|------------------------|---|---|
|                        | A-Series  | T-Series  |
| Control options        |       |   |
| Programming [optional] | Constant Lumen Output (CLO)<br>Emergency power supply (AC/DC)<br>Stand-alone  |   |
| Control accessories    | Further accessories on request  |   |
| Software               | connexx light management software for remote management of intelligent luminaire clusters   |   |

Dimensions

| Model   | LPH [m] ① | ① ②  | ① ③  | Weight [kg] |
|---------|-----------|------|------|-------------|
| FO420   | 3–10      | 0.11 | 0.06 | 11.0        |
| FO420-W | /         | 0.12 | 0.05 | 10.0        |

① in 0.1 m steps    ② projected windage area [m²]    ③ lateral windage area [m²]

Operating conditions

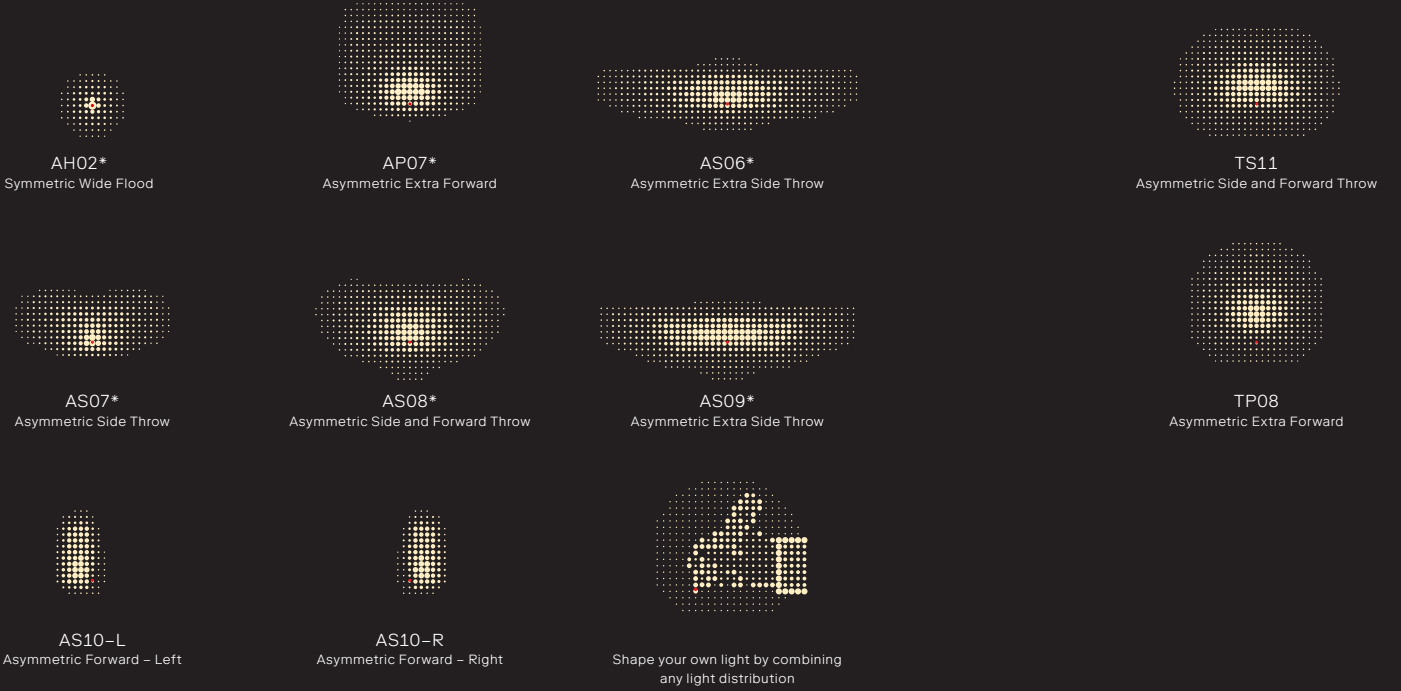
|          |  |
|----------|--|
| Lifetime | Visit the <a href="#">configurator</a> for specific lifetime options |
|----------|--|



Precision lens optics  
\* also available in satiné version



ewoLightTile: low glare  
light-guiding panels



2,200 K CRI ≥ 70    2,700 K CRI ≥ 70    3,000 K CRI ≥ 80    4,000 K CRI ≥ 70    5,700 K CRI ≥ 70    CRI ≥ 80 on request    Tunable White CRI ≥ 80    RGB

Performance

| Optics                  | AH02     | AP07 | AS06 | AS07 | AS08 | AS09 | AS10-L | AS10-R | TS11     | TP08 |
|-------------------------|----------|------|------|------|------|------|--------|--------|----------|------|
| MacAdam ellipses (SDCM) | ≤ 5 SDCM |      |      |      |      |      |        |        | ≤ 5 SDCM |      |

|                    |              |  |             |
|--------------------|--------------|--|-------------|
| Model              | FO420/-W     |  | FO420/-W    |
| Light units        | 1-3          |  | 2-3         |
| Luminous flux [lm] | 1,000-10,900 |  | 1,800-2,700 |

Accessories

ewoLightLayers (optical accessories)



Backlight shield



Anti-Glare Grid    60° / 70 °

Pole bracket variants



Fixed 90° pole-top



Fixed side-entry



Adjustable 0-90°

Available designs



Single

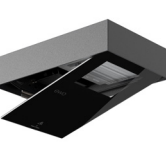


Double



Wall-mounted

Glass cover



Glass cover can be opened without tools



Bolted glass cover

FO600

FO600  
FO600-W

Public space  
Roads and traffic

DB 703  
Anthracite

ewo  
colours

A-Series  
3-5 lighting units

T-Series  
3-5 lighting units

6.4-10 m

600

290

645

100

100

Configurator

CE IP66 RoHS IK08

Housing

|   |   |
|---|---|
| Housing material  | Stainless steel   |
| Housing finish  | Polyester powder coating (ewoECP upon request**)  |
| Finish standard colour  | Anthracite (DB 703)*  |
| Glass   | Safety glass (ESG)  |
| Mounting options  | Pole, wall  |
| Pole adapter  | Aluminum, fixed position, 90° for pole-top ø 60 mm, ø 76 mm, ø 114 mm or ø 133 mm (single or double design) |
| * other colours on request  |   |
| ** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance |   |

Electrical

|                        |                |                |
|------------------------|----------------|----------------|
|                        | A-Series       | T-Series       |
| Protection class       | I/II           | I              |
| Voltage [V], [Hz]      | 220-240, 50/60 | 220-240, 50/60 |
| Current feed max. [mA] | 550            | 225            |
| LED power max. [W]     | 135            | 60             |

Driver

|                        |  |   |
|------------------------|--|---|
|                        | A-Series   | T-Series                                |
| Control options        | <div><div>ON</div><div>OFF</div><div>DALI</div><div>1-10V</div><div>XX</div><div>Z</div><div>Lys</div></div> | <div><div>T8</div><div>DALI</div></div> |
| Programming [optional] | Constant Lumen Output (CLO)<br>Emergency power supply (AC/DC)<br>Stand-alone                                 |   |
| Control accessories    | Further accessories on request   |   |
| Software               | connexx light management software for remote management of intelligent luminaire clusters                    |   |

Measurements

| Model   | LPH [m] ① | ↓ ②              | → ③  | Weight [kg] |
|---------|-----------|------------------|--|-------------|
| FO600   | 6.4-10    | 0.19             | 0.08   | 17.0        |
| FO600-W | /         | 0.18             | 0.06   | 18.0        |
|         |           | ① in 0.1 m steps | ② projected windage area [m²]<br>③ lateral windage area [m²] |             |

Operating conditions

|          |  |
|----------|--|
| Lifetime | Visit the <a href="#">configurator</a> for specific lifetime options |
|----------|--|

Precision lens optics  
\* also available in satiné version

ewoLighTile: low glare  
light-guiding panels

AH02\*

Symmetric Wide Flood

AP07\*

Asymmetric Extra Forward

AS06\*

Asymmetric Extra Side Throw

TS11

Asymmetric Side and Forward Throw

AS07\*

Asymmetric Side Throw

AS08\*

Asymmetric Side and Forward Throw

AS09\*

Asymmetric Extra Side Throw

TP08

Asymmetric Extra Forward

AS10-L

Asymmetric Forward - Left

AS10-R

Asymmetric Forward - Right

Shape your own light by combining any light distribution

2,200 K  
CRI ≥ 70

2,700 K  
CRI ≥ 70

3,000 K  
CRI ≥ 70/80

4,000 K  
CRI ≥ 70

5,700 K  
CRI ≥ 70

CRI ≥ 80  
on request

Tunable White  
CRI ≥ 80

RGBW

Performance

| Optics                  | AH02 | AP07 | AS06 | AS07     | AS08 | AS09 | AS10-L | AS10-R | TS11     | TP08 |
|-------------------------|------|------|------|----------|------|------|--------|--------|----------|------|
| MacAdam ellipses (SDCM) |      |      |      | ≤ 5 SDCM |      |      |        |        | ≤ 5 SDCM |      |

|                    |              |          |
|--------------------|--------------|----------|
| Model              | FO600/-W     | FO600/-W |
| Light units        | 3-5          | 3-5      |
| Luminous flux [lm] | 2,900-15,900 | 4,600    |

Accessories

ewoLightLayers (optical accessories)

Backlight shield

Anti-Glare Grid  
60° / 70°

Fixed 90° pole-top

Available designs

Single

Double

Wall-mounted

Glass cover with  
bayonet lock

Glass cover

100

[ewo.com](#)

Products: 1<sup>st</sup> edition, August 2023; Copyright: © ewo srl/GmbH

101