



PUBLIC SPACE
ROADS AND TRAFFIC

DA

Spherical design

The DA family of luminaires brings soft curves to urban environments with its spherical body shape. Available in single or double pole configuration as well as wall mounted, this versatile family of luminaires is available with either A-Series high precision lens optics or T-Series low glare ewoLightTile for tunable white applications bringing humancentric lighting to urban spaces. Smart lighting control modules can be fitted on request via an external Zhaga interface, allowing this luminaire to integrate into smart city systems.





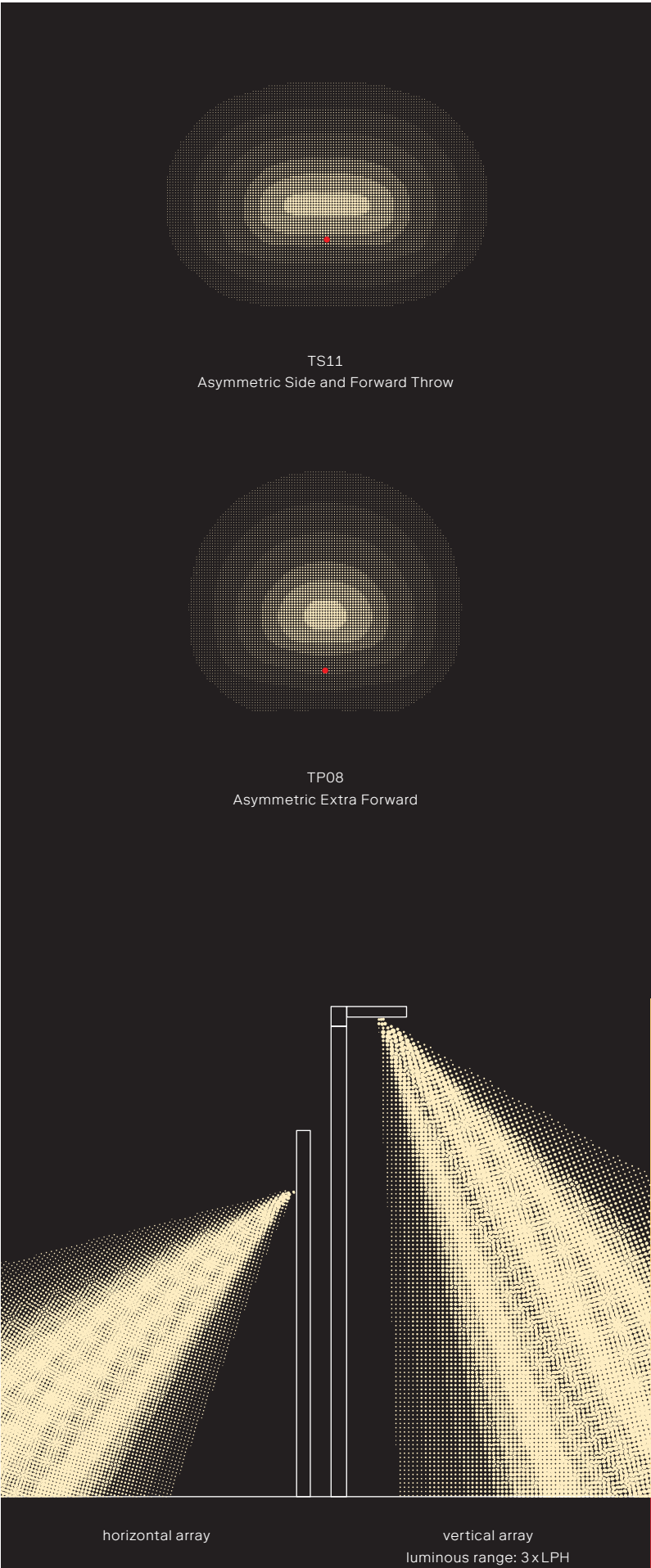
PUBLIC SPACE
AREAS
RESIDENTIAL AREAS
WALKWAYS

ewoLightTile

Light guiding panels, superior visual comfort, patented technology

ewoLightTile provides a precise and homogeneous light distribution as well as minimised glare and backlighting. The individual LED units and the gaps between the ewoLightTiles remain invisible.

| | |
|---|---------------------------------|
| Light guide optics with optimised surface | |
| Current feed | 100-350 mA |
| Power | 9.6-36.9 W per ewoLightTile |
| Luminous flux | up to 2,300 lm per ewoLightTile |

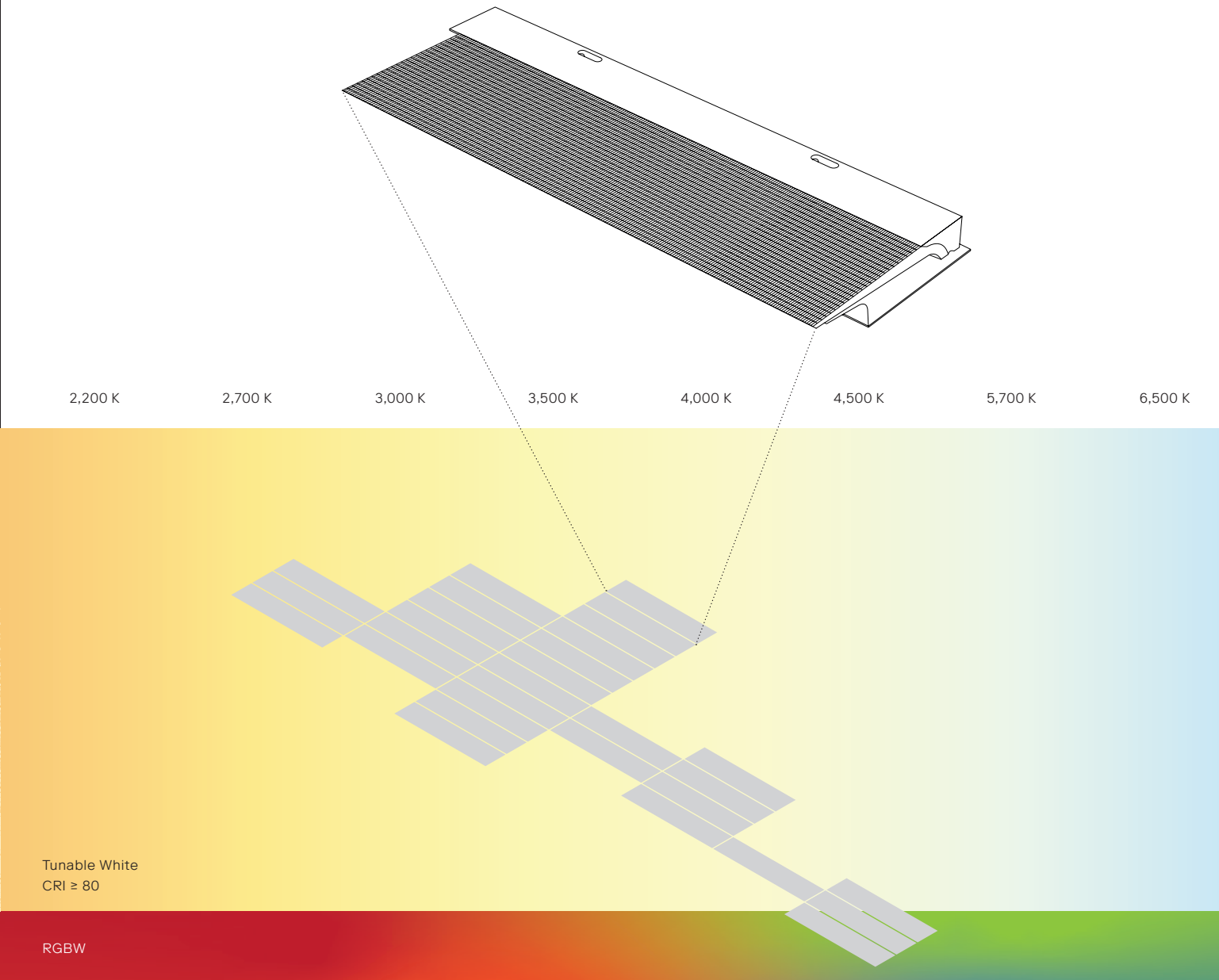


Areas of Application

ewoLightTile is ideal for projects that focus on making people feel safe and comfortable in a number of settings from pathways to residential areas and urban spaces. Combined both horizontally and vertically, ewoLightTile offers asymmetric light distribution and avoids unwanted light dispersion.

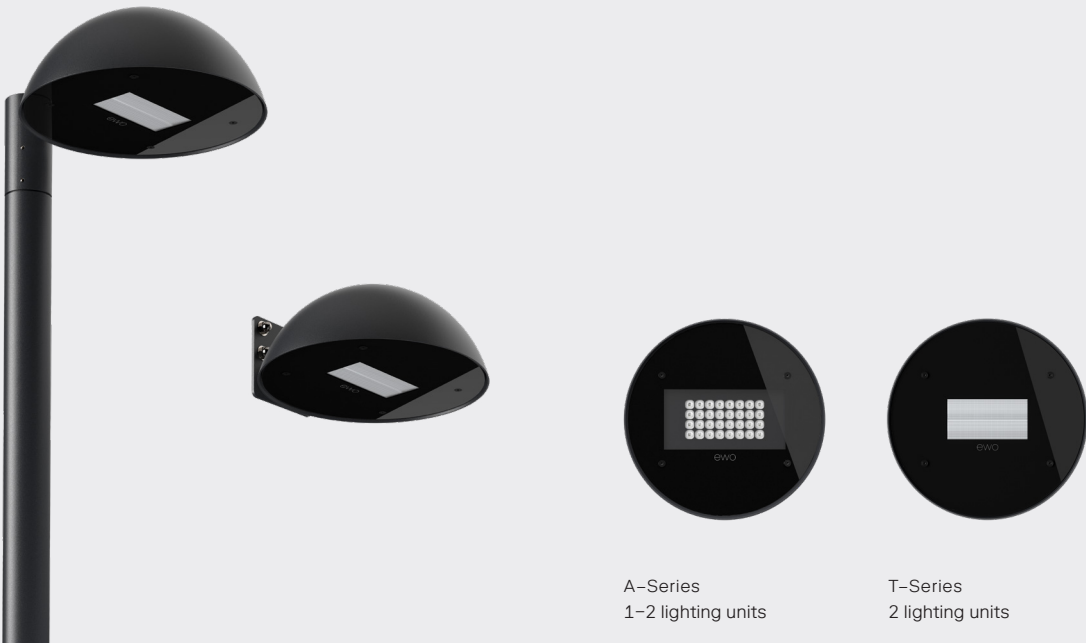
Modular Combinations

For any customised requirements, ewoLightTiles can be combined vertically and horizontally. This results in an unlimited number of arrangements along the longitudinal axis or width.



BODY OF LIGHT

POLE / WALL
DA400
DA400-W



POLE / WALL
DA520
DA520-W



SHAPE OF LIGHT

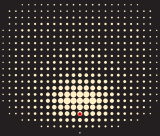
INTELLIGENCE OF LIGHT

A
SERIES

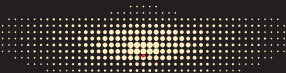
Precision lens optics
* also available in satiné version



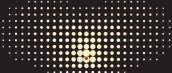
AH02*
Symmetric Wide Flood



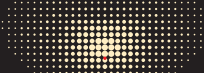
AP07*
Asymmetric Extra Forward



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

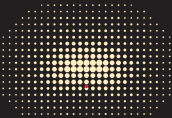


5,700 K
CRI ≥ 70

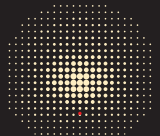
CRI ≥ 80
on request

T
SERIES

ewoLighTile: low glare light-guiding panels



TS11
Asymmetric Side and Forward Throw



TP08
Asymmetric Extra Forward



Tunable White
CRI ≥ 80



RGBW0

A
SERIES

Control protocols

| | |
|---------------|-----------|
| ON/OFF | ON 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 | |

T
SERIES

Control protocols

| | |
|-----------|------------|
| DALI 2 T8 | T8 DALI |
|-----------|------------|

Programming options

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

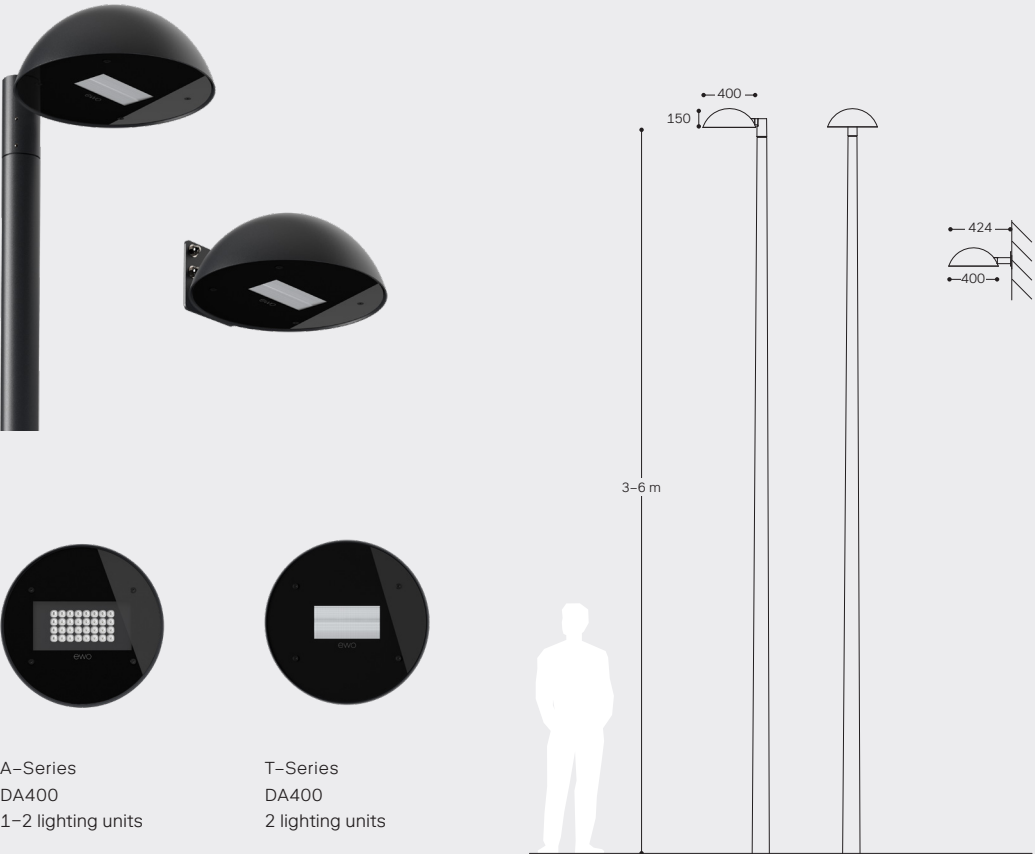
DA400
DA400–W

Public space
Roads and traffic



DB 703
Anthracite

ewo
colours



Configurator

CE RoHS IK08

A-Series
DA400
1–2 lighting units

T-Series
DA400
2 lighting units

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 ø48 mm, ø60 mm, ø89 mm, ø114 mm or ø133 mm (single or double design) / fixed position, 0° for pole-top ø48 mm / adjustable in 5° increments from 0–90°, for pole-top ø76 mm or ø60 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/II |
| Voltage [V], [Hz] | 220–240, 50/60 | 220–240, 50/60 |
| Current feed max. [mA] | 500 | 225 |
| LED power max. [W] | 55 | 24 |

Driver

| | | |
|------------------------|---|---|
| | A-Series | T-Series |
| Control options |       |   |
| Programming [optional] | Constant Lumen Output (CLO) Emergency power supply (AC/DC) 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 | ④ ⑤ | Weight [kg] ⑥ |
| DA400 | 3–6 | 0.14 | 0.07 | 11.5 |
| DA400–W | / | 0.13 | 0.05 | 10.0 |
| | ① in 0.1 m steps | ② projected windage area [m²] | ③ lateral windage area [m²] | ④ max. weight |
| | | | | ⑤ excluding pole |

Operating conditions


| | |
|----------|--|
| Lifetime | Visit the configurator for specific lifetime options |
|----------|--|



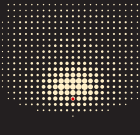
Precision lens optics
* also available in satiné version



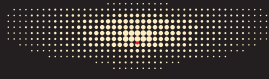
ewoLightTile: low glare
light-guiding panels



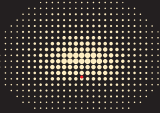
AH02*
Symmetric Wide Flood



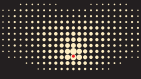
AP07*
Asymmetric Extra Forward



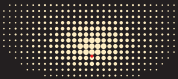
AS06*
Asymmetric Extra Side Throw



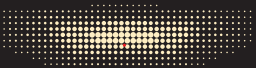
TS11
Asymmetric Side and Forward Throw



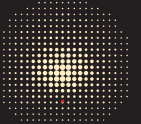
AS07*
Asymmetric Side Throw



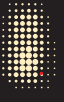
AS08*
Asymmetric Side and Forward Throw



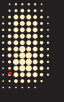
AS09*
Asymmetric Extra Side Throw




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 ≥ 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 |

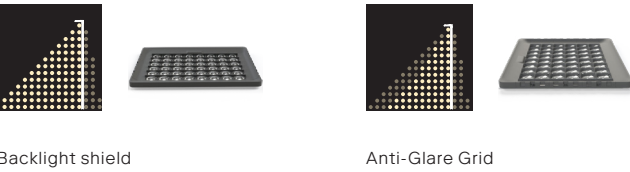
| | | |
|--------------------|-------------|----------|
| Model | DA400/–W | DA400/–W |
| Light units | 1–2 | 2 |
| Luminous flux [lm] | 1,000–6,300 | 1,800 |

Available designs (also available as pendant)



Accessories

ewoLightLayers (optical accessories)



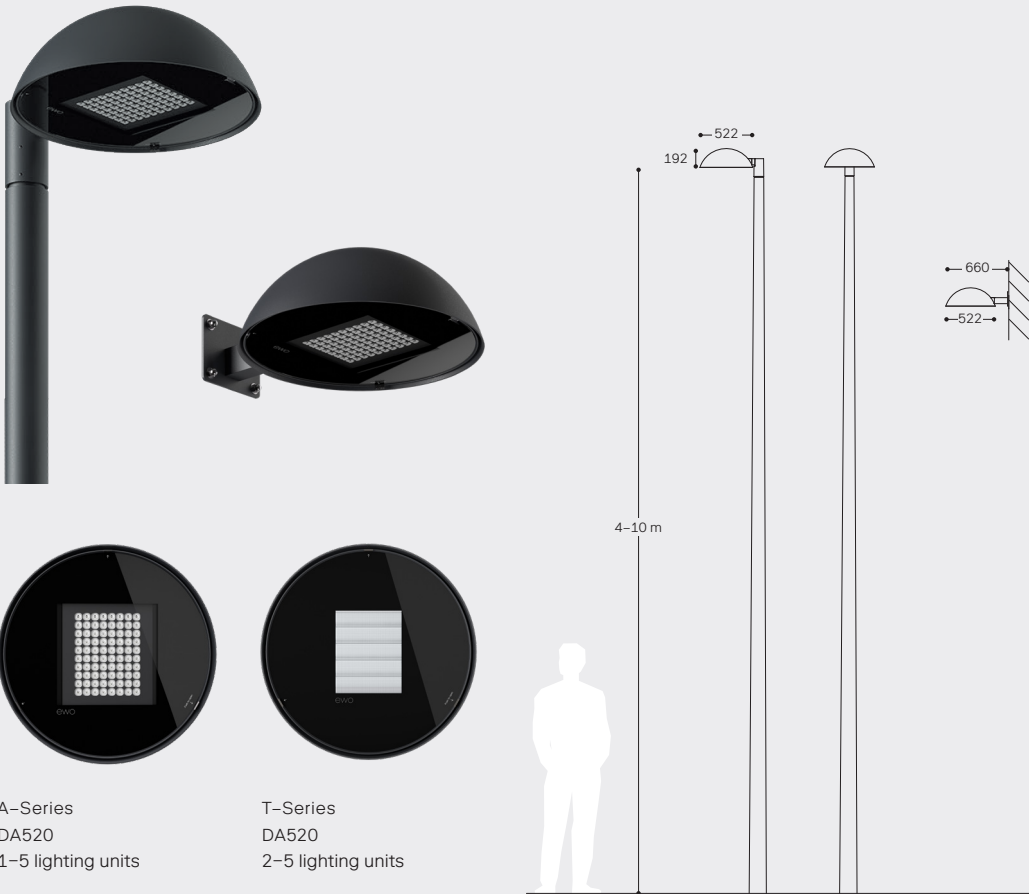
DA520
DA520-W

Public space
Roads and traffic



DB 703
Anthracite

ewo
colours



Configurator

CE RoHS IK08

A-Series
DA520
1-5 lighting units

T-Series
DA520
2-5 lighting units

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 ø89 mm, ø114 mm or ø133 mm (single or double design) / swivels from 0 to 90° in 5° increments, for pole-top ø76 mm or ø60 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/II |
| Voltage [V], [Hz] | 220-240, 50/60 | 220-240, 50/60 |
| Current feed max. [mA] | 500 | 225 |
| LED power max. [W] | 123 | 60 |

Measurements

| Model | LPH [m] ① | ② | ③ | Weight [kg] ⑤ |
|---------|------------------|-------------------------------|-----------------------------|----------------------|
| DA520 | 4-10 | 0.23 | 0.10 | 18.0 |
| DA520-W | / | 0.22 | 0.09 | 17.5 |
| | ① in 0.1 m steps | ② projected windage area [m²] | ③ lateral windage area [m²] | ⑤ max. weight |
| | | | | ⑥ ③ ⑤ excluding pole |

Operating conditions

| | |
|----------|--|
| Lifetime | Visit the configurator for specific lifetime options |
|----------|--|

Driver


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



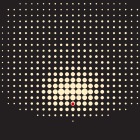
Precision lens optics
* also available in satiné version




ewoLightTile: low glare
light-guiding panels



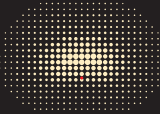
AH02*
Symmetric Wide Flood



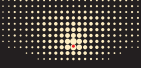
AP07*
Asymmetric Extra Forward




AS06*
Asymmetric Extra Side Throw



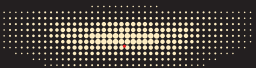
TS11
Asymmetric Side and Forward Throw



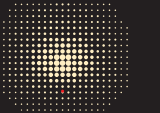
AS07*
Asymmetric Side Throw




AS08*
Asymmetric Side and Forward Throw




AS09*
Asymmetric Extra Side Throw



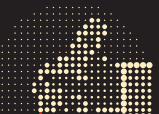
TP08
Asymmetric Extra Forward




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 ≥ 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 | DA520/-W | DA520/-W |
| Light units | 1-5 | 2-5 |
| Luminous flux [lm] | 1,000-14,700 | 4,600 |

Available designs (also available as pendant)



Accessories

ewoLightLayers (optical accessories)

