



WAYS  
ACCENTS  
BUILDINGS

## FN

Lighting on either side of the pole

The FN family of pole mounted luminaires is available with either A-Series high precision lens optics for static white applications or T-Series low glare ewoLightTile for tunable white configurations. Its body can house up to six lighting units, providing various light distributions for area, high bay, street or walkway lighting. A single lighting unit can be added to the back of the luminaire for applications requiring a more bi-directional approach. Smart Lighting control modules for different communication standards or external Zhaga interface can optionally be integrated into the luminaire, allowing it to join smart city networks.





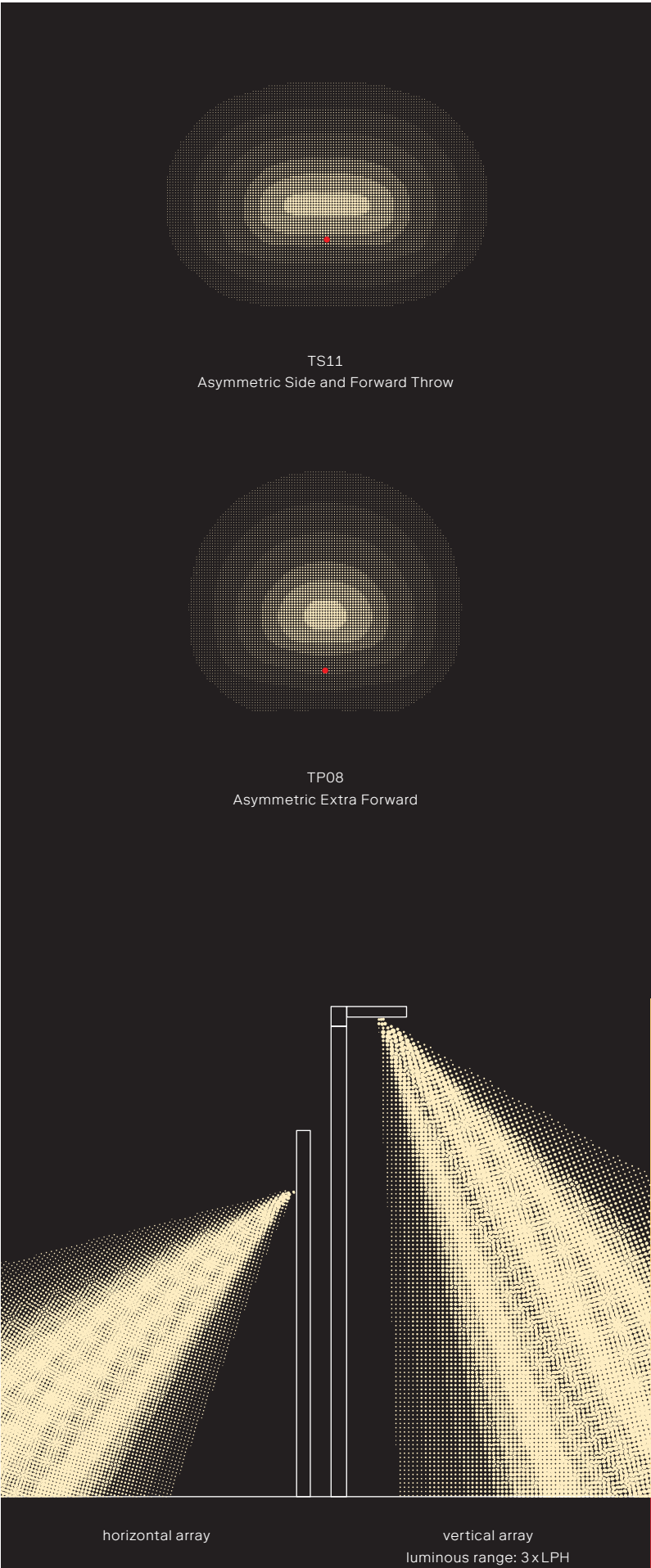
PUBLIC SPACE  
AREAS  
RESIDENTIAL AREAS  
WALKWAYS

# 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

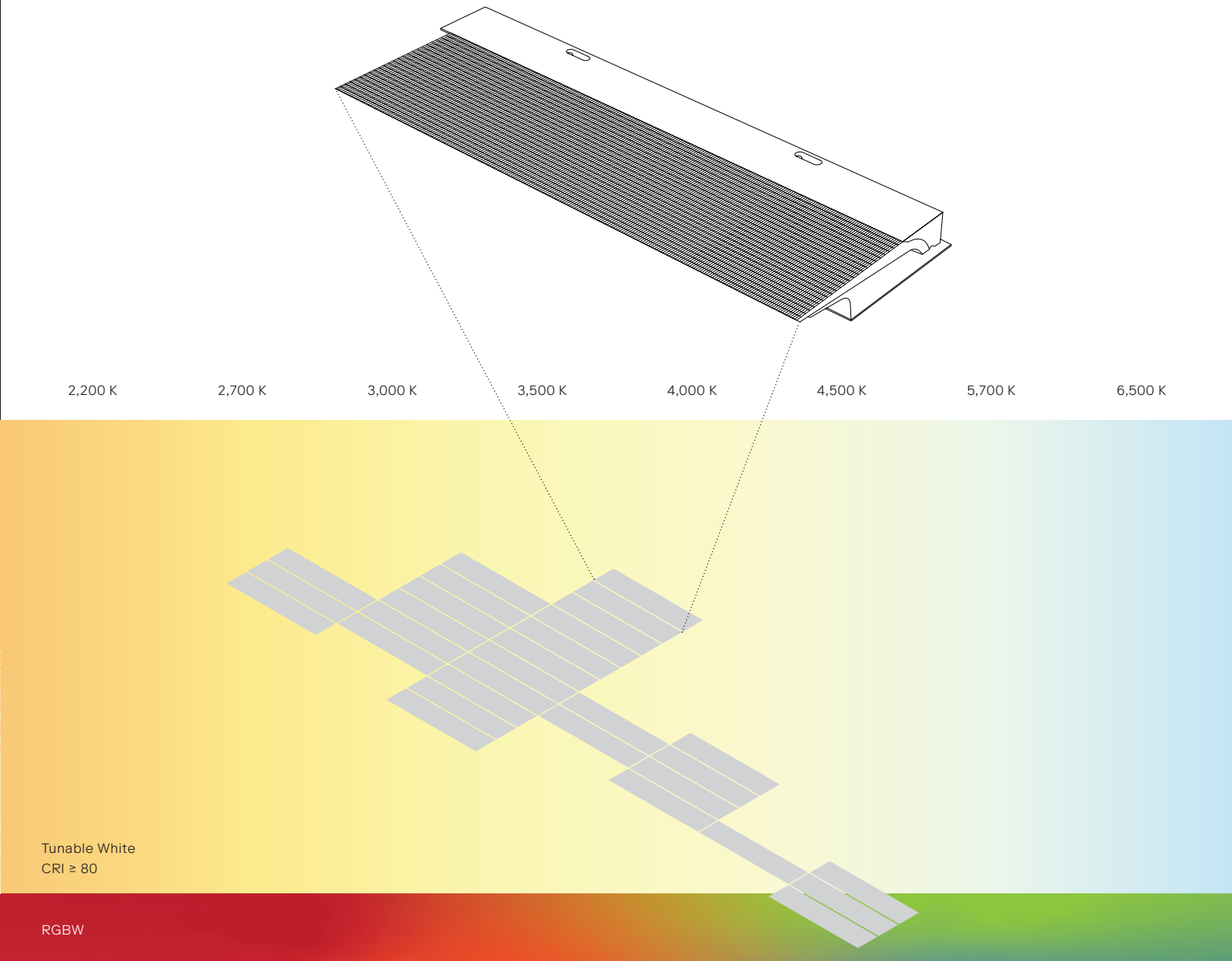


## Areas of Application

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  
FN1000  
FN 1000-B



A-Series  
FN1000  
1-4 lighting  
units



A-Series  
FN1000-B  
1-4+1 lighting  
units



T-Series  
FN1000  
2-4 lighting  
units



T-Series  
FN1000-B  
2-4+1 lighting  
units

POLE  
FN1300  
FN1300-B



A-Series  
FN1300  
5-6 lighting  
units



A-Series  
FN1300-B  
5-6+1 lighting  
units



T-Series  
FN1300  
5-6 lighting  
units



T-Series  
FN1300-B  
5-6+1 lighting  
units

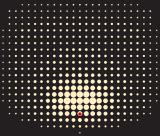
SHAPE OF LIGHT



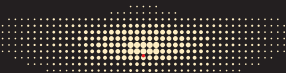
Precision lens optics  
\* also available in satiné version



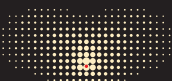
AH02\*  
Symmetric Wide Flood



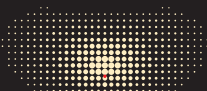
AP07\*  
Asymmetric Extra Forward



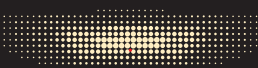
AS06\*  
Asymmetric Extra Side Throw



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

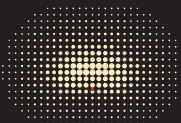


5,700 K  
CRI ≥ 70

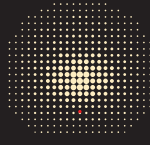
CRI ≥ 80  
on request



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 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 DALI
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Programming options

Night dimming
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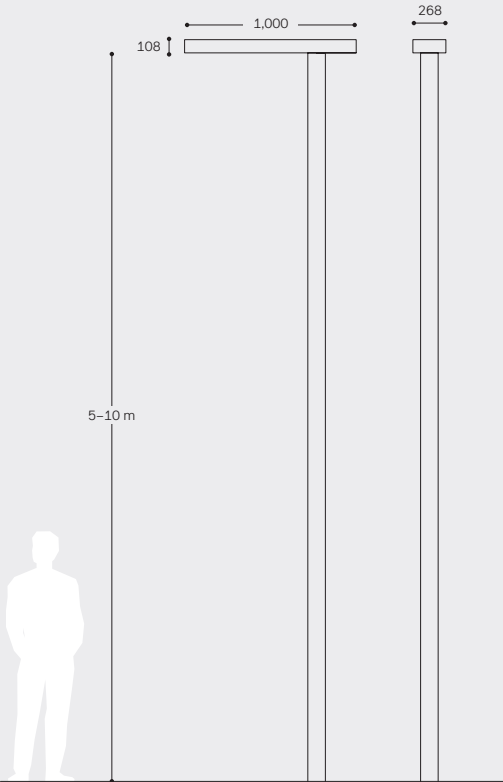
POLE  
FN1000  
FN1000-B

Roads and traffic  
Logistics



DB 703  
Anthracite

ewo  
colours



Configurator

CE RoHS IP66 IK08

Housing	
Housing material	Extruded aluminum profile
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	Anthracite (DB 703)*
Glass	Safety glass (ESG)
Mounting options	Pole
* additional colours on request	
** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance	

Measurements				
Model	LPH [m] ①	②	③	Weight [kg] ⑤
FN1000	5-10	0.27	0.11	21.5
FN1000-B	5-10	0.27	0.11	24.0
		① in 0.1 m steps	② projected windage area [m²]	⑤ max. weight
			③ lateral windage area [m²]	⑥⑦⑧ excluding pole

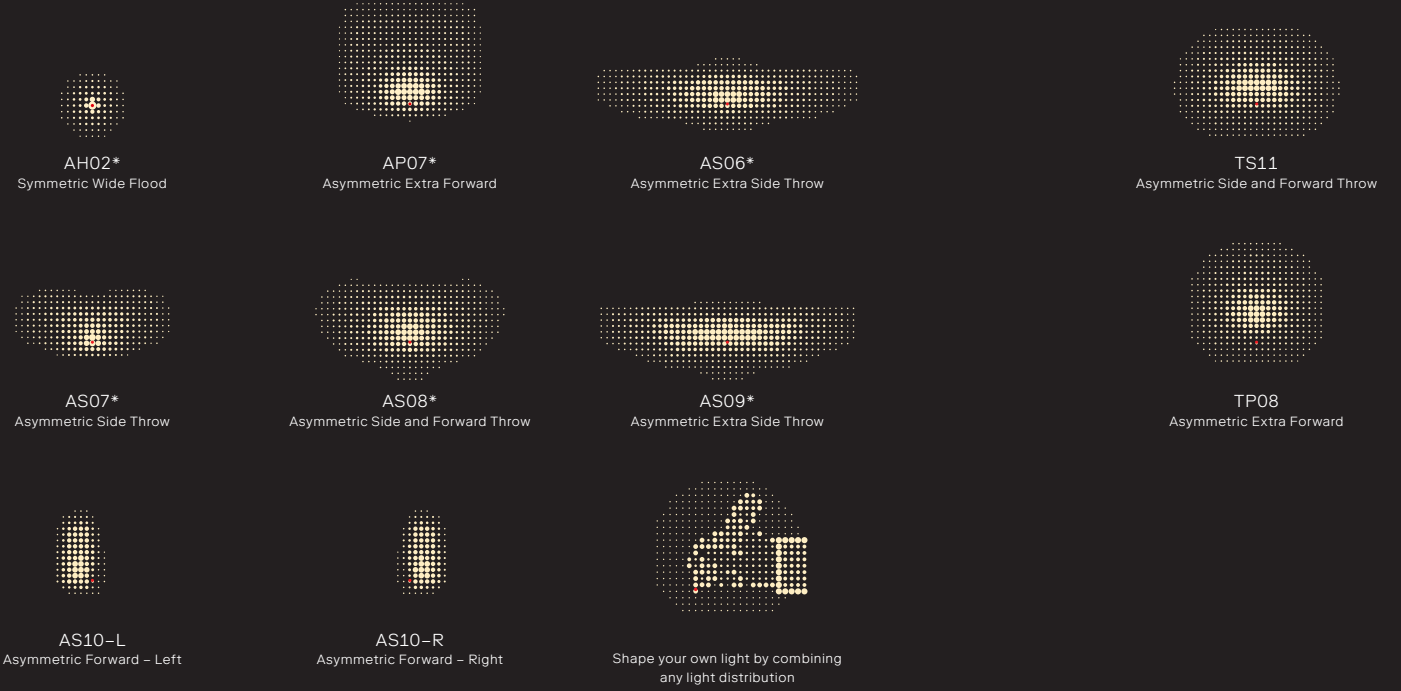
Electrical		A-Series	T-Series
Protection class	I/II	I/II	I/II
Voltage [V], [Hz]	220-240, 50/60	220-240, 50/60	220-240, 50/60
Current feed max. [mA]	700	700	225
LED power max. [W]	174	174	60

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

Driver		A-Series	T-Series
Control options		ON OFF DALI 1-10V X Z Lys	T8 DALI
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

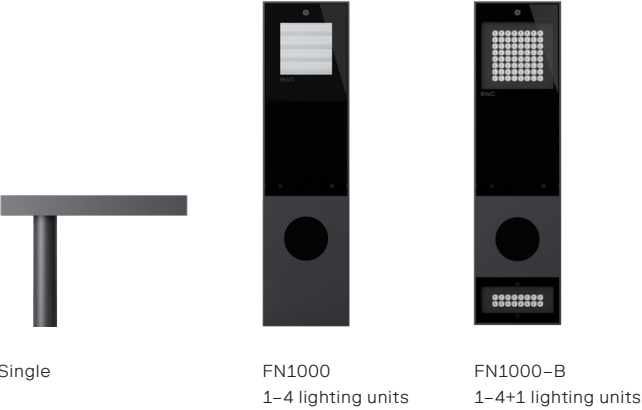


2,200 K CRI ≥ 70 2,700 K CRI ≥ 70 3,000 K CRI ≥ 80 4,000 K CRI ≥ 70 5,700 K CRI ≥ 70 CRI ≥ 80 on request Tunable White CRI ≥ 80 RGBW

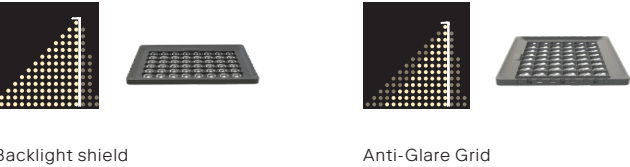
Performance		AH02	AP07	AS06	AS07	AS08	AS09	AS10-L	AS10-R	TS11	TP08
Optics											
MacAdam ellipses (SDCM)					≤ 5 SDCM					≤ 5 SDCM	

Model	FN1000	FN1000-B	FN1000	FN1000-B
Light units	1-4	1-4+1	2-4	2-4+1
Luminous flux [lm]	1,000-15,500	1,900-19,400	3,600	4,600

Available designs



Accessories ewoLightLayers (optical accessoires)





POLE  
FN1300  
FN1300-B

Roads and traffic  
Logistics

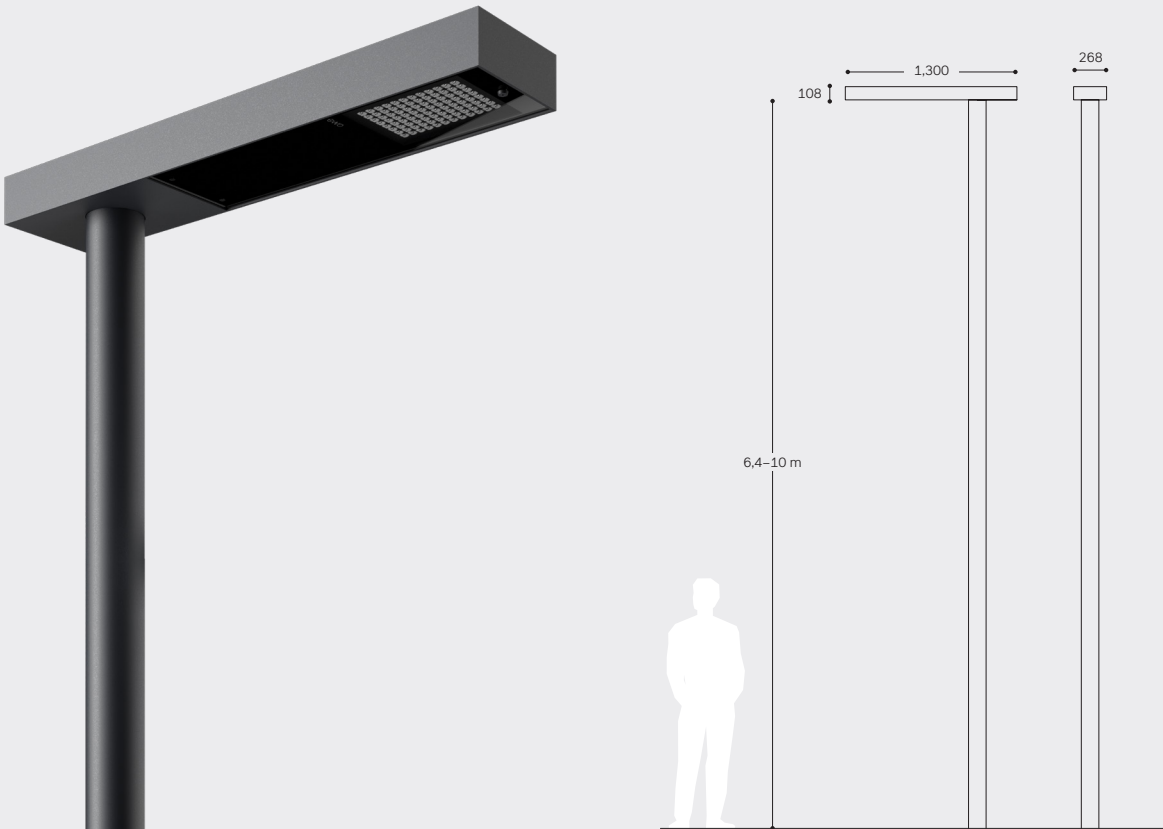


DB 703  
Anthracite

ewo  
colours

Configurator

CE RoHS IK08



Housing

Housing material	Extruded aluminum profile
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	Anthracite (DB 703)*
Glass	Safety glass (ESG)
Mounting options	Pole
	* other colours on request
	** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Measurements

Model	LPH [m] ①	②	③	Weight [kg] ⑤
FN1300	6.4–10	0.35	0.14	26.0
FN1300-B	6.4–10	0.35	0.14	28.5
	① in 0.1 m steps	② projected windage area [m²]	③ lateral windage area [m²]	⑤ max. weight
				②③⑤ excluding pole

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]	550	225
LED power max. [W]	195	83

Operating conditions

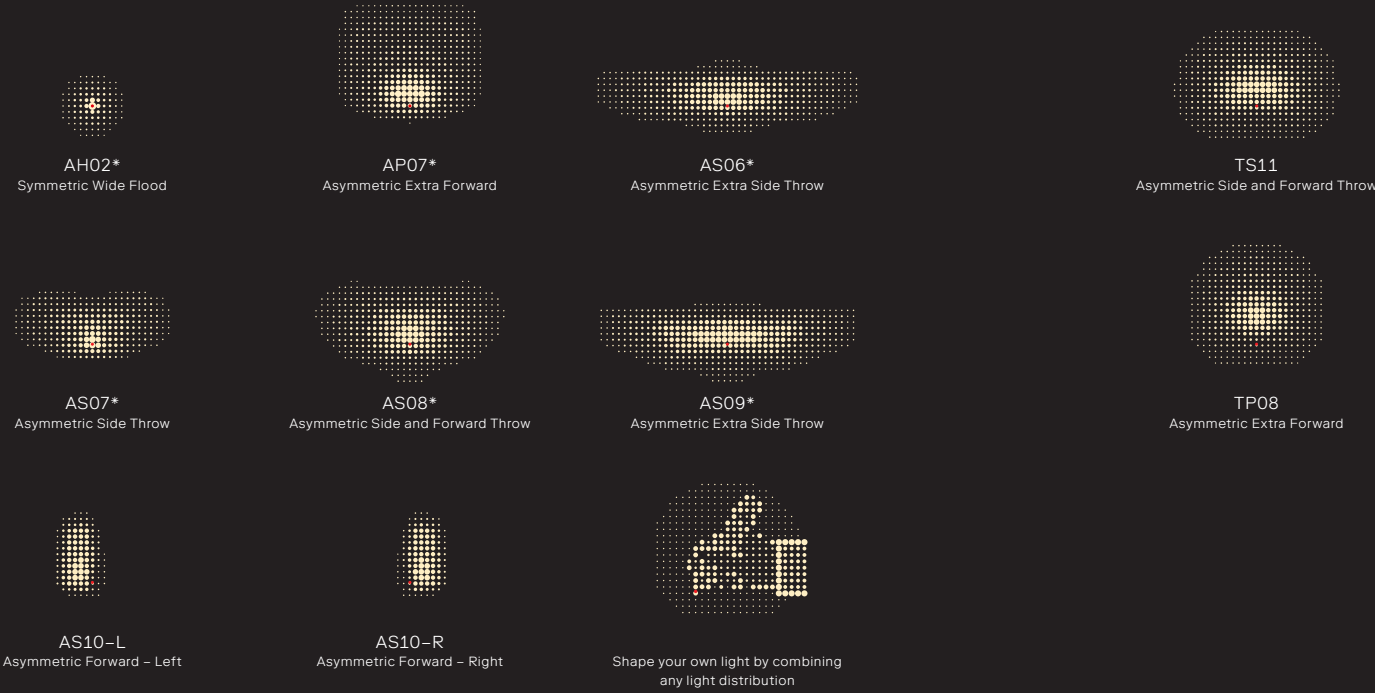
Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
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Driver

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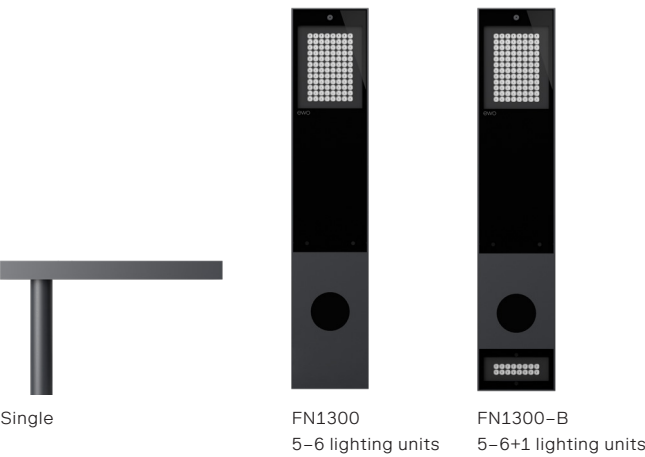
2,200 K CRI ≥ 70 2,700 K CRI ≥ 70 3,000 K CRI ≥ 80 4,000 K CRI ≥ 70 5,700 K CRI ≥ 70 CRI ≥ 80 on request Tunable White CRI ≥ 80 RGBW

Performance

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

Model	FN1300	FN1300-B	FN1000	FN1000-B
Light units	5-6	5-6+1	2-4	2-4+1
Lumious. flux [lm]	4,700-19,100	5,700-22,300	5,500	6,400

Available designs



Accessories

ewoLightLayers (optical accessoires)

