

e w o

Products

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T-Series (LightTile)

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WALL-MOUNTED
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POLE- AND WALL-MOUNTED SYSTEMS

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UN

FA

FA100-W

if

if round



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IN-GROUND LUMINAIRES

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URBAN FURNITURE

LB21

LB22

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BD21

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PRODUCT COLOURS

STANDARD



RAL 9006 / DB 701
White aluminium



RAL 9007 / DB 702
Grey aluminium



DB 703
Anthracite

ON REQUEST



RAL 1013
Oyster white



RAL 1015
Light ivory



RAL 1018
Zinc yellow



RAL 1023
Traffic yellow



RAL 1026
Luminous yellow



RAL 1032
Broom yellow



RAL 3000
Flame red



RAL 3004
Purple red



RAL 3005
Wine red



RAL 3020
Traffic red



RAL 4010
Telemagenta



RAL 5002
Ultramarine blue



RAL 5003
Sapphire blue



RAL 5005
Signal blue



RAL 5008
Grey blue



RAL 5010
Gentian blue



RAL 5011
Steel blue



RAL 5013
Cobalt blue



RAL 5014
Pigeon blue



RAL 5015
Sky blue



RAL 6005
Moss green



RAL 6009
Fir green



RAL 6011
Reseda green



RAL 6012
Black green



RAL 6019
Pastel green



RAL 6021
Pale green



RAL 7001
Silver grey



RAL 7004
Signal grey



RAL 7005
Mouse grey



RAL 7006
Beige grey



RAL 7010
Tarpaulin grey



RAL 7011
Iron grey



RAL 7012
Basalt grey



RAL 7013
Brown grey



RAL 7015
Slate grey



RAL 7016
Anthracite grey



RAL 7021
Black grey



RAL 7022
Umbra grey



RAL 7023
Carbon 01



RAL 7024
Graphite grey



RAL 7030
Stone grey



RAL 7031
Blue grey

ON REQUEST



RAL 7032
Pebble grey



RAL 7034
Yellow grey



RAL 7035
Light grey



RAL 7036
Platinum grey



RAL 7037
Dusty grey



RAL 7038
Agate grey



RAL 7039
Quartz grey



RAL 7040
Window grey



RAL 7042
Traffic grey A



RAL 7043
Traffic grey B



RAL 7044
Silk grey



RAL 7045
Telegrey 1



RAL 7046
Telegrey 2



RAL 7047
Telegrey 4



RAL 8001
Ochre brown



RAL 8003
Clay brown



RAL 8004
Copper brown



RAL 8007
Fawn brown



RAL 8011
Nut brown



RAL 8012
Red brown



RAL 8014
Sepia brown



RAL 8015
Brown 05



RAL 8016
Mahogany brown



RAL 8017
Chocolate brown



RAL 8019
Grey brown



RAL 8022
Black brown



RAL 8028
Terra brown



RAL 9001
Cream



RAL 9002
Grey white



RAL 9003
Signal white



RAL 9004
Signal black



RAL 9005
Jet black



RAL 9010
Pure white



RAL 9011
Graphite black



RAL 9016
Traffic white



RAL 9017
Traffic black



RAL 9018
Papyrus white



AkzoNobel Brown
650



Mineral Quartz
2



Traffic black



AkzoNobel Mars
2525



And many other
colours

A-Series



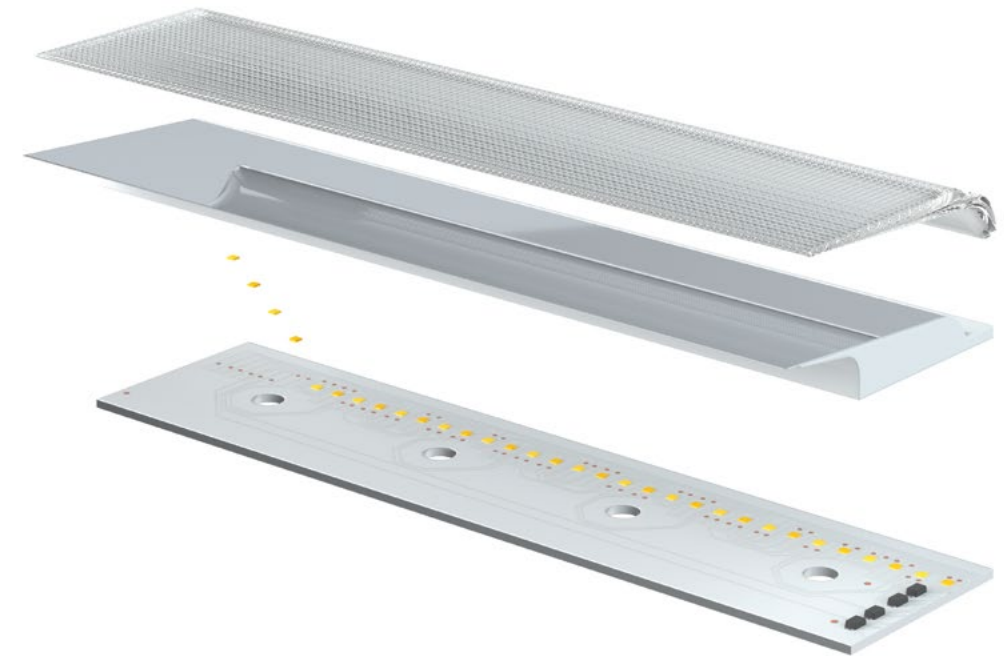
LENS OPTICS

With the A-Series, planners have all the tools they need to combine and create any individual light distribution imaginable. Modularity is key – and an infinite array of possible lens combinations in any luminaire head and in any desired luminaire is the solution. The A-Series is ideal for any project from small alleys, pavements and sidewalks to entire roads, public squares and large areas. Thanks to its modular set-up, it is optimised for any product – bollards, projectors, recessed wall luminaires, pole-mounted systems and high-performance floodlights.

● 2,200 K ● 2,700 K ● 3,000 K ● 4,000 K ● 5,700 K



T-Series



LIGHT-GUIDING PANELS

LightTile is a novelty: Its light-guiding optics are 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. LightTile provides visual comfort at the very highest level and at the same time a precise and homogeneous light distribution thanks to a smooth emitter that makes the individual LED units entirely invisible. LightTile panels can be combined vertically and horizontally in many products within the ewo luminaire portfolio.

2,200 K

Tunable White

6,500 K



STANDARD LIGHT DISTRIBUTIONS

A-Series and T-Series (LightTile)

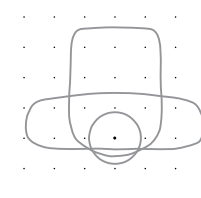
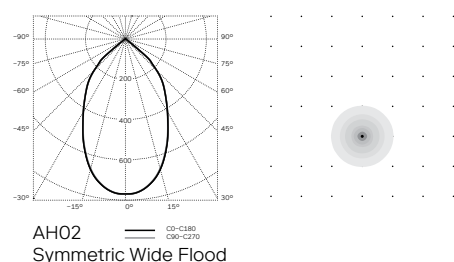
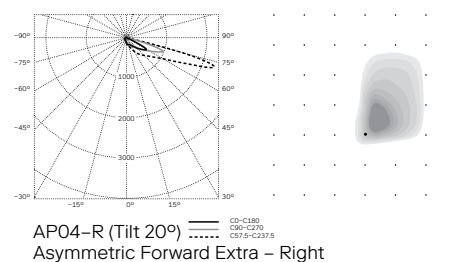
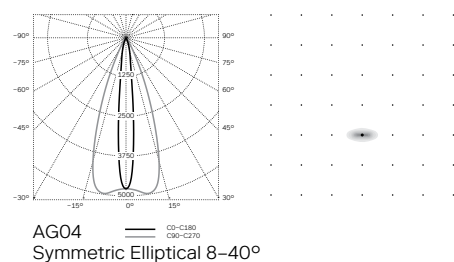
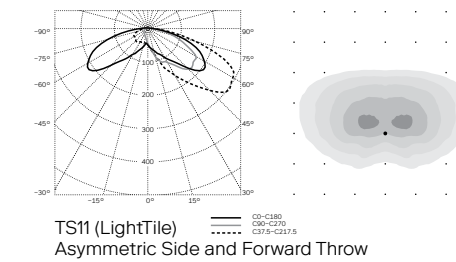
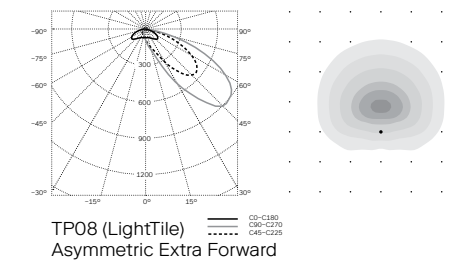
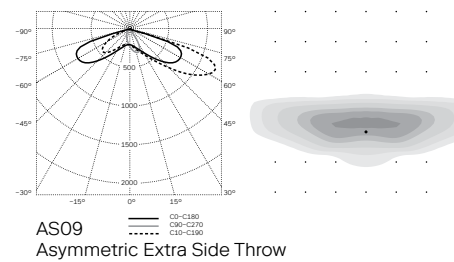
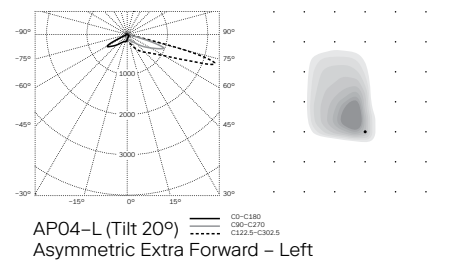
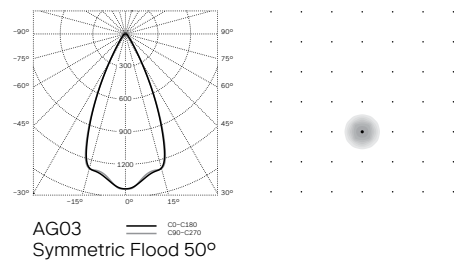
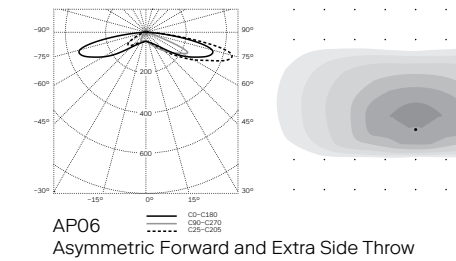
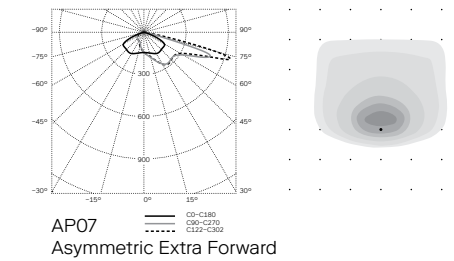
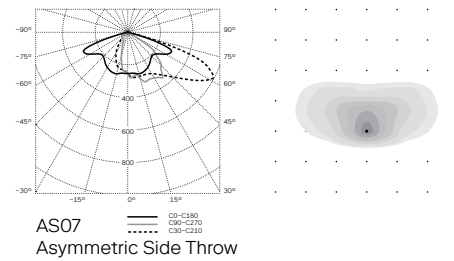
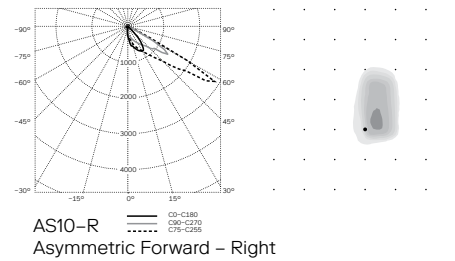
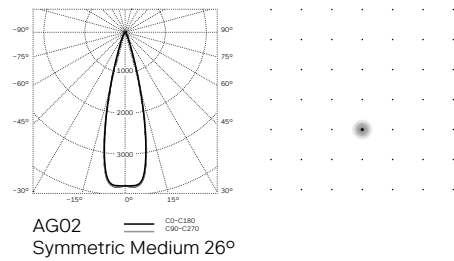
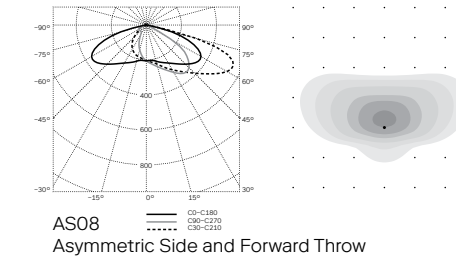
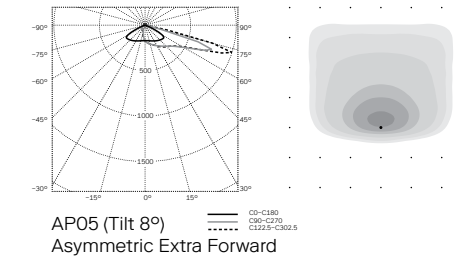
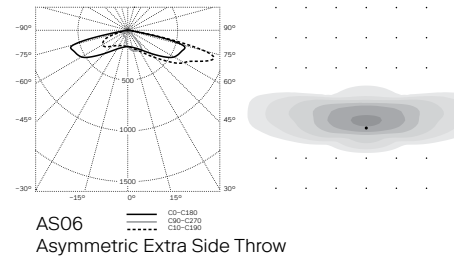
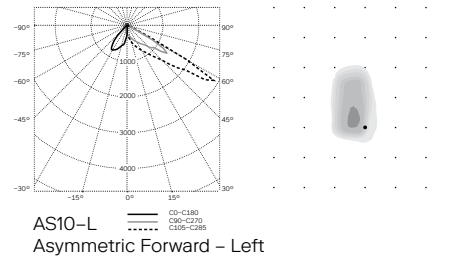
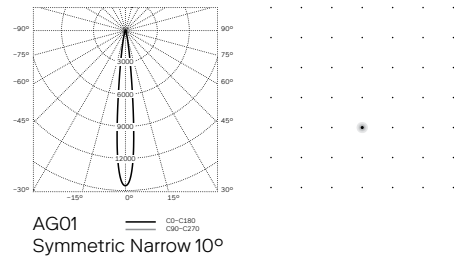
SYMMETRIC

ASYMMETRIC LEFT/RIGHT

ASYMMETRIC SIDE THROW

ASYMMETRIC FORWARD THROW

ASYMMETRIC SIDE AND FORWARD THROW

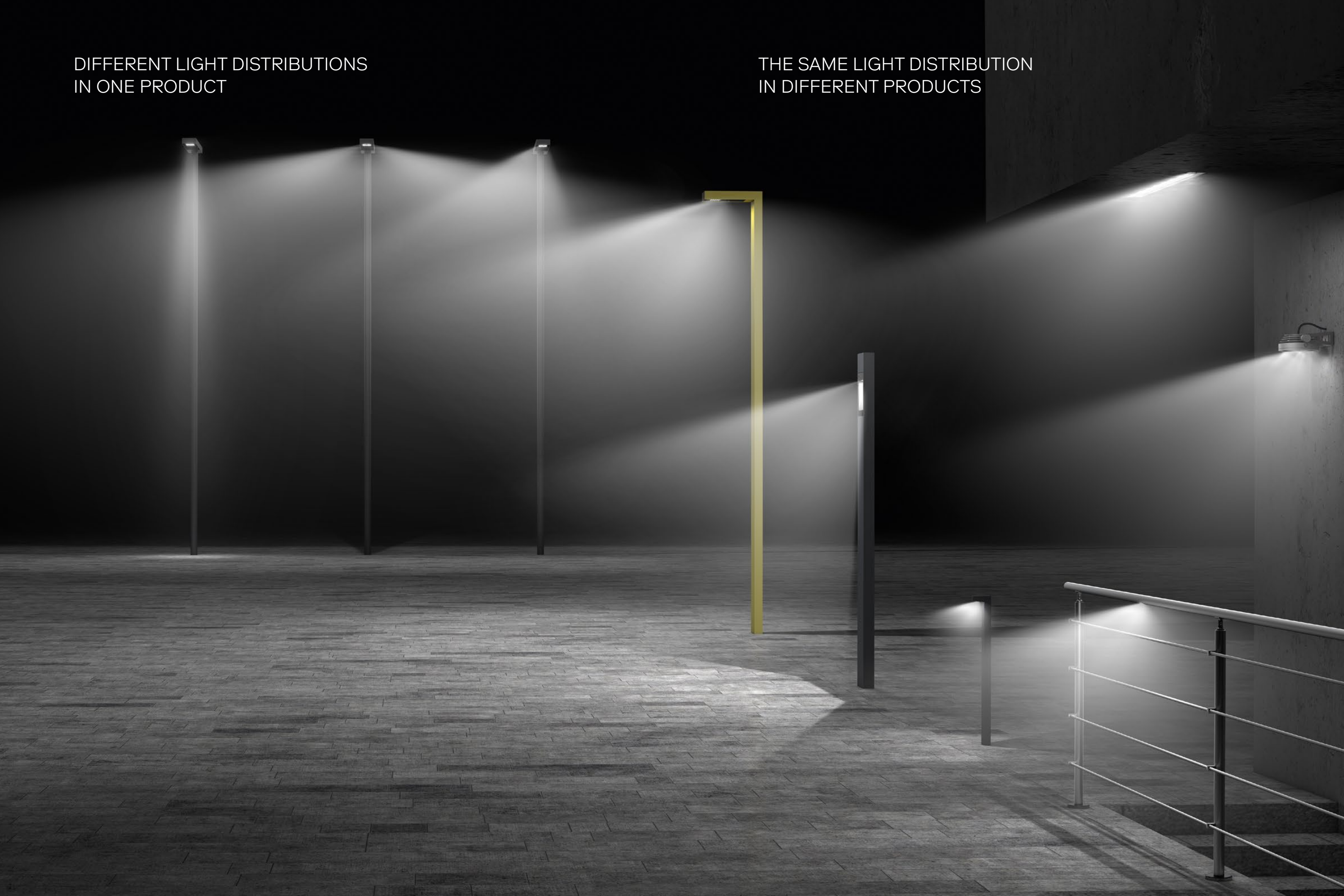


BESPOKE OPTICS

ewo's wide range of standard optics allows for an infinite number of light distributions. And yet, there's always that one project that requires an entirely new approach and layout – which is why at ewo, we also design and manufacture optics that are tailor-made to fit your every need and exact wishes.

DIFFERENT LIGHT DISTRIBUTIONS
IN ONE PRODUCT

THE SAME LIGHT DISTRIBUTION
IN DIFFERENT PRODUCTS



R-System gen1

A-Series

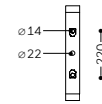
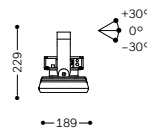
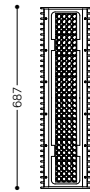


R4 gen1

R1

7.5 kg
+ 3 kg Driver

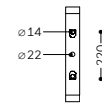
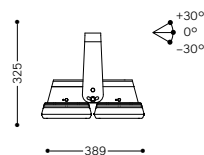
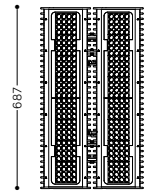
① = 0.13
② = 0.05' / 0.08"



R2

20 kg
+ 3 kg Driver

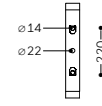
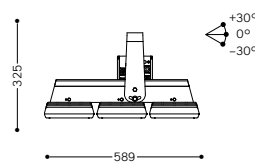
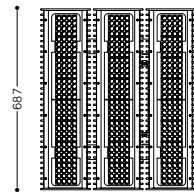
① = 0.27
② = 0.09' / 0.15"



R3

27 kg
+ 5 kg Driver

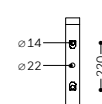
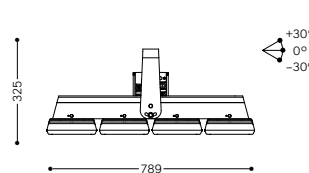
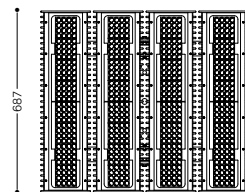
① = 0.40
② = 0.09' / 0.22"



R4

34 kg
+ 5 kg Driver

① = 0.54
② = 0.12' / 0.29"

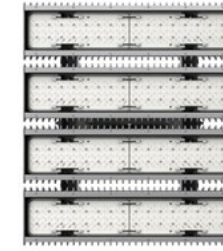


① Projected windage area [m²] ② Lateral windage area [m²] *Tilt 0° **Tilt 30°

FLOODLIGHTS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



R1-R4

Product Variations R1-R4



R1



R2



R3



R4

IP66 RoHS IK08

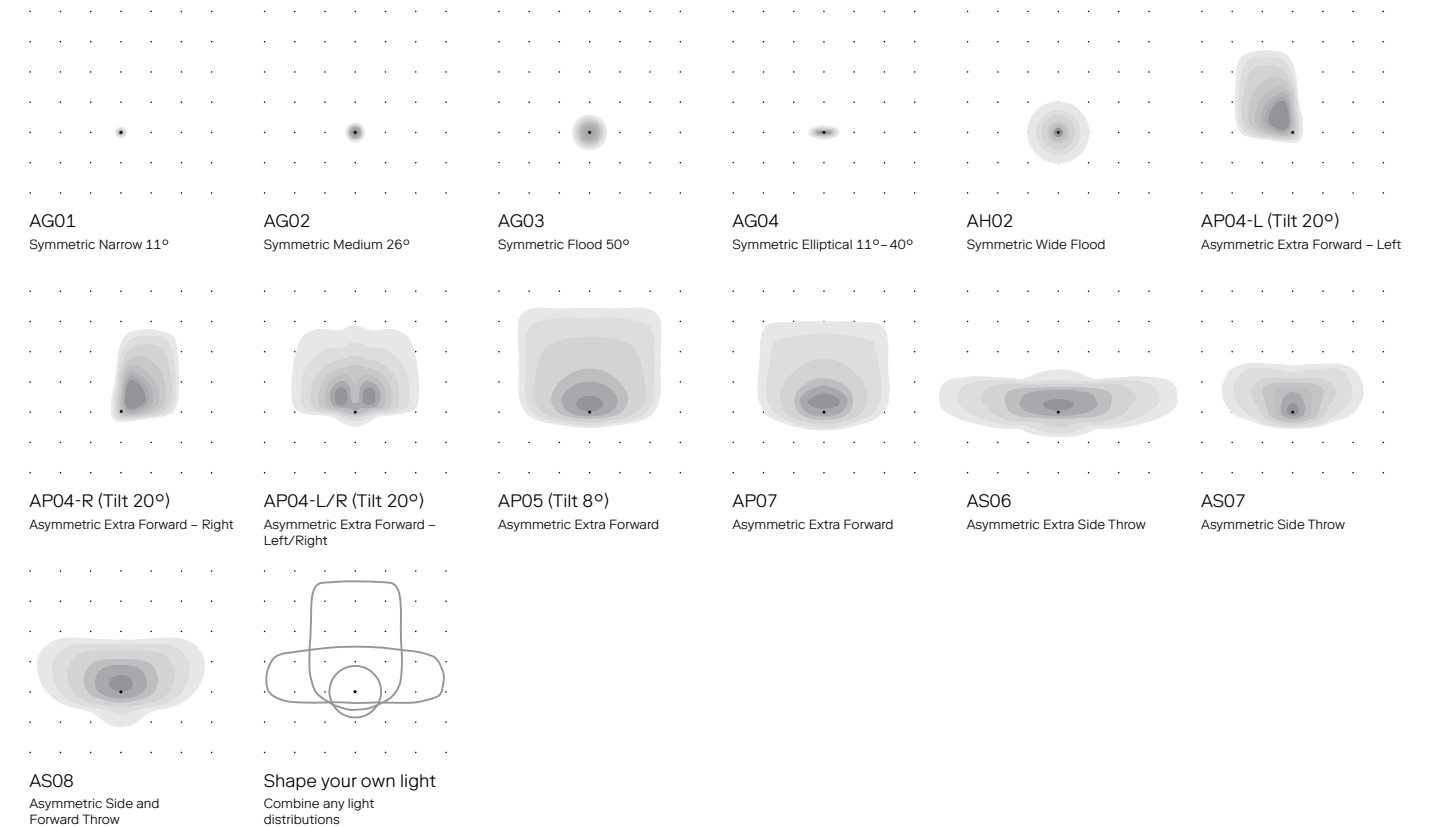


Colour Temperatures

4,000 K 5,700 K

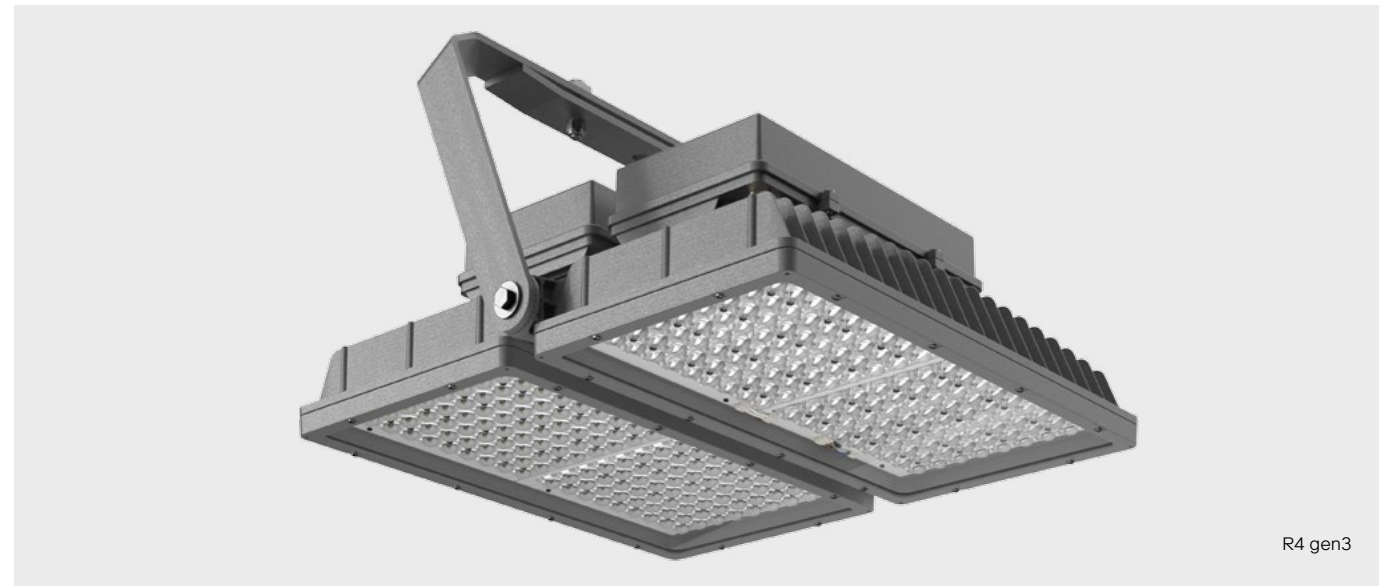
Standard CRI ≥ 70, CRI ≥ 80 upon request

Light Distributions (also available in satiné version – spot optics excluded)



R-System gen3

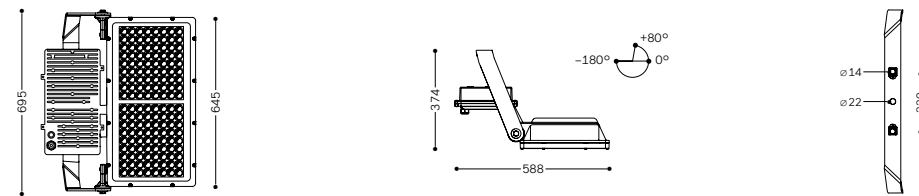
A-Series / E-Series



R2

26 kg
+ 2 kg Driver

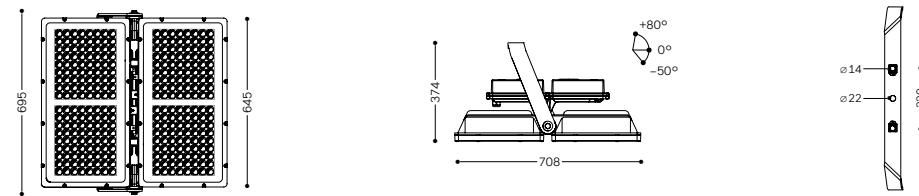
① = 0.33
② = 0.11* / 0.15**



R4

43 kg
+ 4.5 kg Driver

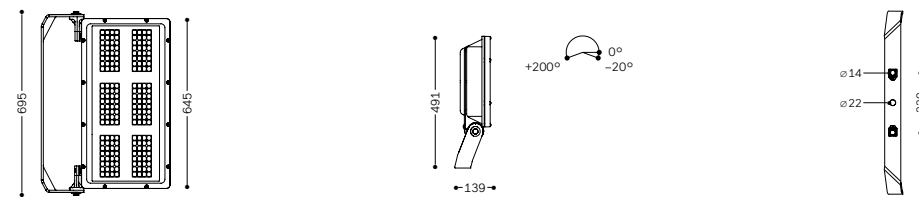
① = 0.45
② = 0.12* / 0.31**



R2-SPORT

20 kg
+ 4.5 kg Driver

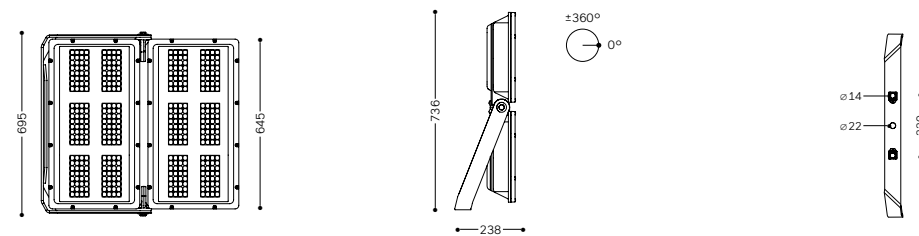
① = 0.27* / 0.27** / 0.09***
② = 0.06* / 0.15** / 0.24***



R4-SPORT

37 kg
+ 6.5 kg Driver

① = 0.45* / 0.45** / 0.10***
② = 0.10* / 0.28** / 0.47***

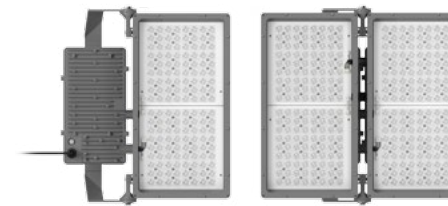


① Projected windage area [m²] ② Lateral windage area [m²] *Tilt 0° **Tilt 30° ***Tilt 90°

FLOODLIGHTS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



R2

R4

Product Variations



R2 (E-Series)

R4 (E-Series)



R2-SPORT (A-Series)

R4-SPORT (A-Series)

Accessory



Swivel-mounted bracket

Switchboard

Model	Luminous Flux [lm]	Max. Power [W]	Current Feed [mA]	LEDs
R2	90,000	762	1,850	144
R2-SPORT	125,000	1,015	1,800	192
R4	180,000	1,525	1,850	288
R4-SPORT	250,000	2,030	1,800	384

- Current feed: up to 1,850 mA, depending on ambient temperature
- Allowed ambient temperature range: -40 to +55 °C
- Lifetime: L90B10 > 60,000 h, SPORT > 30,000 h
- Electronic operating device with DALI2 or Push-Dimm available upon request
- Smart Lighting: control modules for different communication standards available upon request
- Various light distributions for large-area, high bay or street lighting
- Lens made with UV-stabilised polycarbonate, cover in single-pane safety glass (ESG)
- Luminaire housing in die-cast aluminium
- Bracket made of hot-dip galvanised steel, on request with swivelling bracket for floor, wall and ceiling mounting
- Finish: polyester powder coating, white aluminium (RAL 9006 / DB 701)

IP66 RoHS IK08

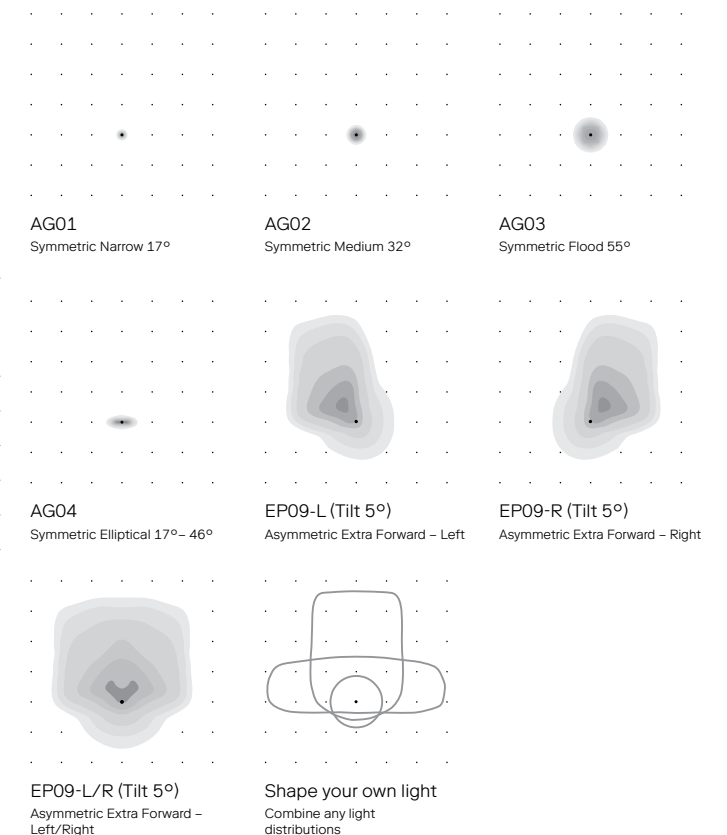


Colour Temperatures

4,000 K 5,700 K

Standard CRI ≥ 70, CRI ≥ 80 upon request

Light Distributions



F-System M

A-Series



F10

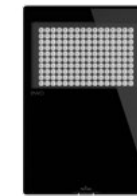
Model	LPH [m] ①	Pole ②	↓ ③	← ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
F6	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	6	5,700-21,900	60-190	640	/	77	422
F6-W	/	/	0.27	0.05	18.5	6	5,700-21,900	60-190	640	671	77	422
F8	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	8	7,500-29,200	80-255	640	/	77	422
F8-W	/	/	0.27	0.05	18.5	8	7,500-29,200	80-255	640	671	77	422
F10	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	10	9,400-34,200	100-295	640	/	77	422
F10-W	/	/	0.27	0.05	18.5	10	9,400-34,200	100-295	640	671	77	422

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F6 / F8 / F10
6-10 Lighting units

Available Designs (also available as pendant)



Single



Double



Wall-mounted



Bracket

- Housing accommodates up to 10 lighting units (LU), 96 / 128 / 160 LEDs
- Current feed: 200-650 mA, depending on ambient temperature (F10 max. 600 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for large area and street lighting
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum, swivels from 0 to 90° in 5° increments, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

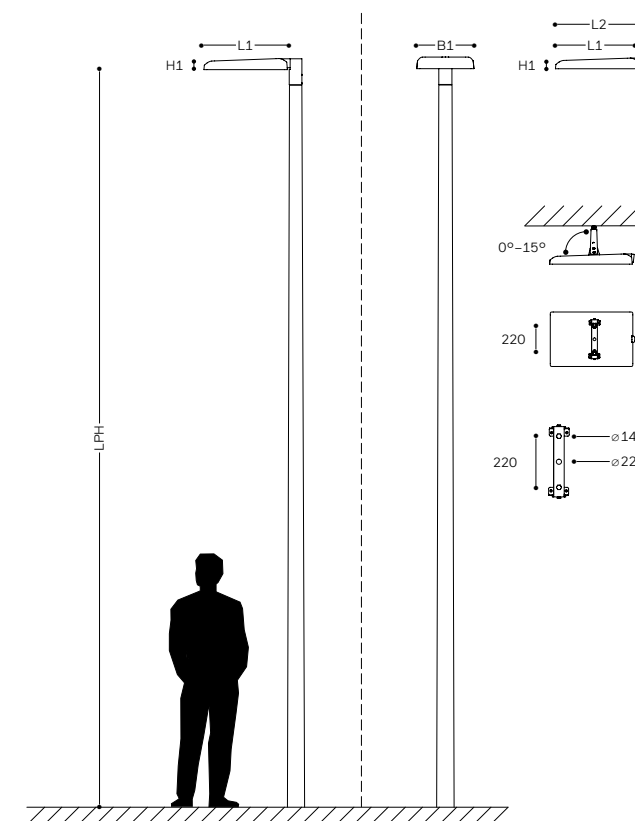


Colour Temperatures

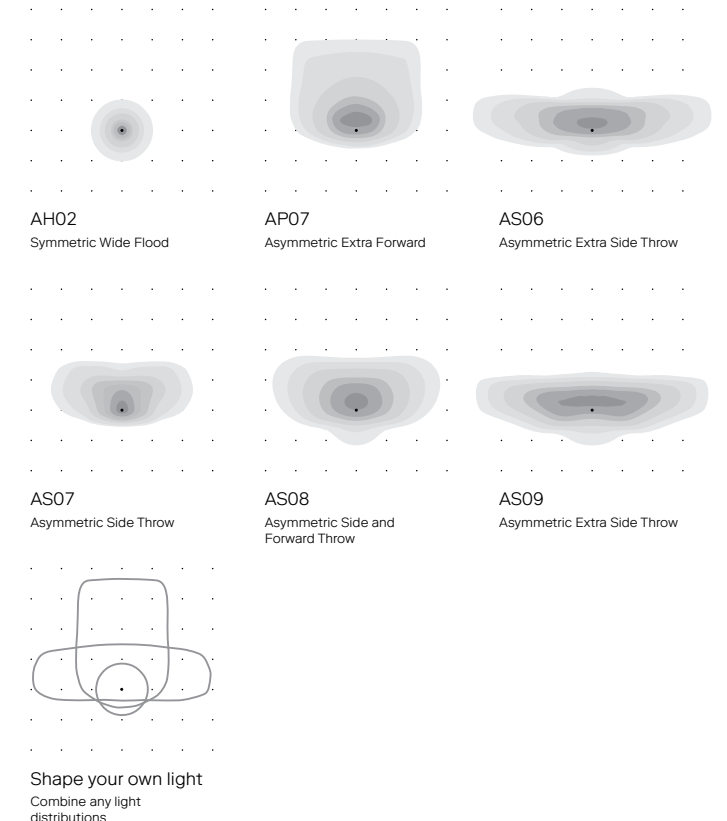


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



F-System M

LightTile



Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
F6	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	6	5,500	71	640	/	77	422
F6-W	/	/	0.27	0.05	18.5	6	5,500	71	640	671	77	422
F8	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	8	7,300	95	640	/	77	422
F8-W	/	/	0.27	0.05	18.5	8	7,300	95	640	671	77	422
F10	4-10	MK, M-DFC-10 / -11 / -12	0.29	0.07	20.0	10	9,100	119	640	/	77	422
F10-W	/	/	0.27	0.05	18.5	10	9,100	119	640	671	77	422

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F6 / F8 / F10
6-10 Lighting units

- Housing accommodates up to 10 lighting units (LU), 192 / 256 / 320 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for large area and street lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum, swivels from 0 to 90° in 5° increments, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

Available Designs (also available as pendant)



Single



Double



Wall-mounted



Bracket

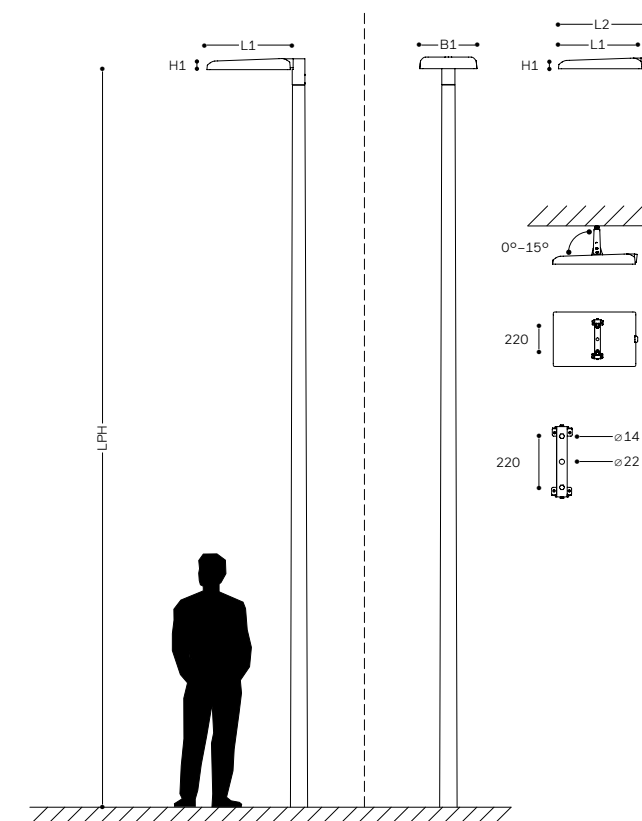
⊕ ⊞ IP66 RoHS IK08
CE

Colour Temperatures

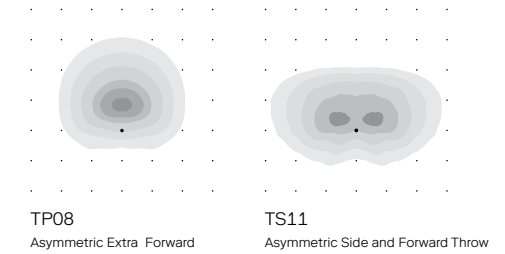


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions



F-System S

A-Series



Model	LPH [m] ^①	Pole ^②	↓ ^③	→ ^④	⚠ ^⑤	LU	Luminous Flux [lm]	Power [W]	L1 ^⑥	L2 ^⑥	H1 ^⑥	B1 ^⑥
F2	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	2	1,900-7,700	20-65	620	/	77	278
F2-W	/	/	0.18	0.04	14.0	2	1,900-7,700	20-65	620	651	77	278
F3	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	3	2,900-11,600	30-100	620	/	77	278
F3-W	/	/	0.18	0.04	14.0	3	2,900-11,600	30-100	620	651	77	278
F4	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	4	3,800-15,500	40-135	620	/	77	278
F4-W	/	/	0.18	0.04	14.0	4	3,800-15,500	40-135	620	651	77	278
F5	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	5	4,700-17,100	50-145	620	/	77	278
F5-W	/	/	0.18	0.04	14.0	5	4,700-17,100	50-145	620	651	77	278

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F2 / F3 / F4 / F5
2-5 Lighting units

Available Designs



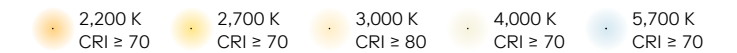
Single

Double

Wall-mounted

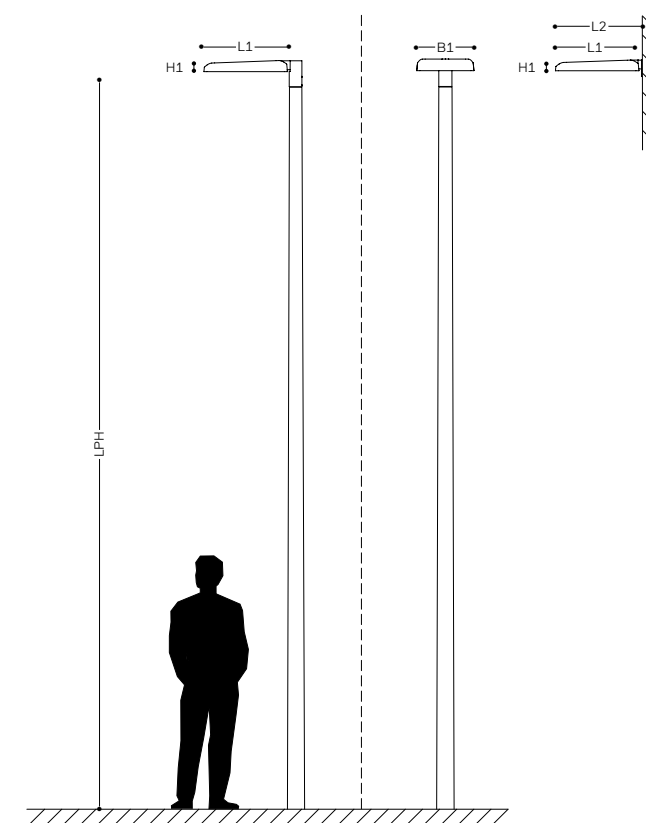


Colour Temperatures

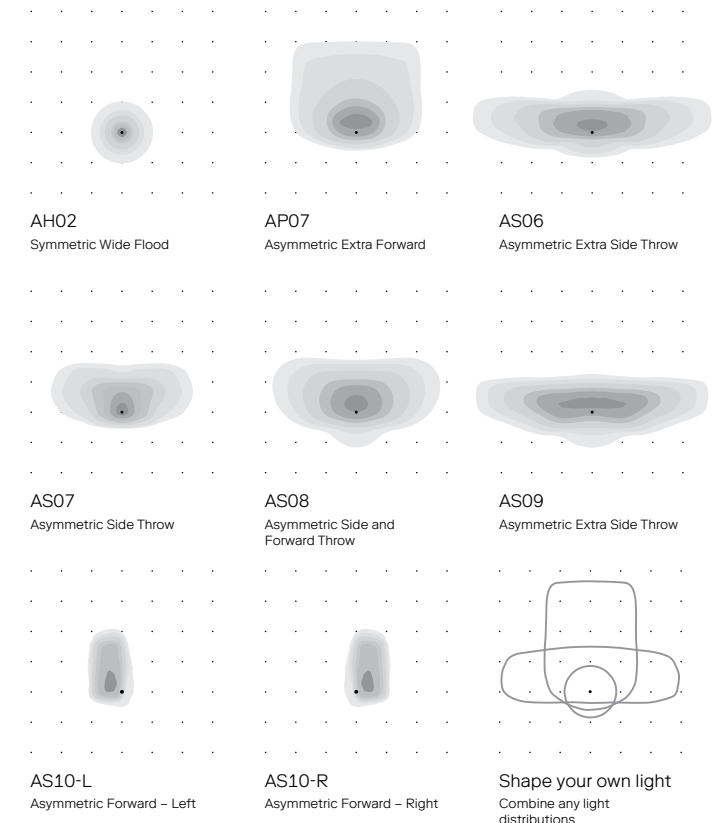


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



F-System S

LightTile



Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
F2	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	2	1,800	24	620	/	77	278
F2-W	/	/	0.18	0.04	14.0	2	1,800	24	620	651	77	278
F3	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	3	2,700	36	620	/	77	278
F3-W	/	/	0.18	0.04	14.0	3	2,700	36	620	651	77	278
F4	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	4	3,600	48	620	/	77	278
F4-W	/	/	0.18	0.04	14.0	4	3,600	48	620	651	77	278
F5	4-10	MK, M-DFC-10 / -11 / -12	0.19	0.07	15.5	5	4,600	60	620	/	77	278
F5-W	/	/	0.18	0.04	14.0	5	4,600	60	620	651	77	278

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F2 / F3 / F4 / F5
2-5 Lighting units

- Housing accommodates up to 5 lighting units (LU), 64 / 96 / 128 / 160 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum, swivels from 0 to 90° in 5° increments, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

Available Designs



Single



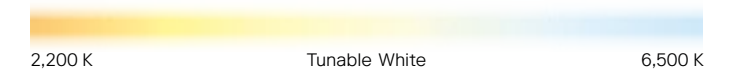
Double



Wall-mounted

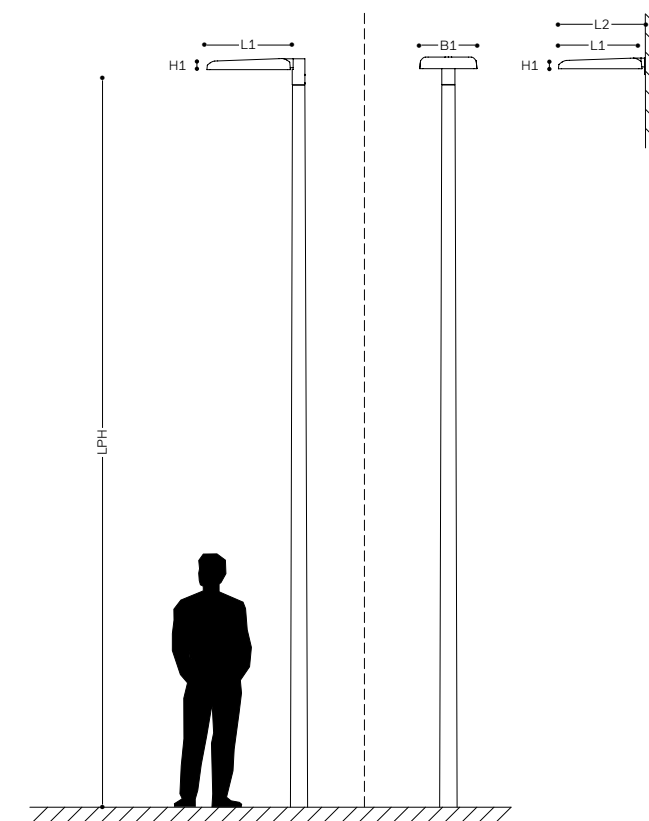
⊕ □ IP66 RoHS IK08
CE

Colour Temperatures

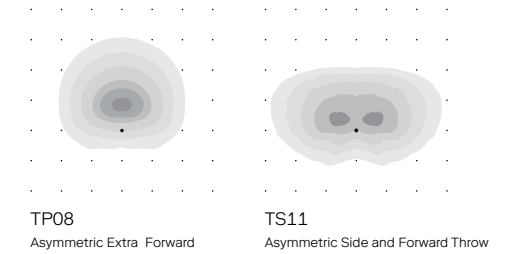


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions



F-System XS

A-Series



Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
F1-XS	3-6	MK, M-DFC-10 / -11 / -12	0.13	0.05	11.0	1	1,000-3,800	10-30	420	/	72	258
F1-XS-W	/	/	0.11	0.03	9.5	1	1,000-3,800	10-30	420	450	72	258
F2-XS	3-6	MK, M-DFC-10 / -11 / -12	0.13	0.05	11.0	2	1,900-7,700	20-65	420	/	72	258
F2-XS-W	/	/	0.11	0.03	9.5	2	1,900-7,700	20-65	420	450	72	258
F3-XS	3-6	MK, M-DFC-10 / -11 / -12	0.13	0.05	11.0	3	2,900-10,900	30-95	420	/	72	258
F3-XS-W	/	/	0.11	0.03	9.5	3	2,900-10,900	30-95	420	450	72	258

① In 0.5 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F1-XS / F2-XS / F3-XS
1-3 Lighting units

Glass Cover



Bolted glass cover



Glass cover can be
opened without tools

Available Designs



Single



Double



Wall-mounted

Pole Bracket Variants



Fixed 90° pole-top



Fixed side-entry



Adjustable 0-90°

- Housing accommodates up to 3 lighting units (LU), 16 / 32 / 48 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (F3-XS max. 650 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum available in the following variants:
 - Fixed position, 90° for pole-top \varnothing 42 mm, \varnothing 48 mm, \varnothing 60 mm, \varnothing 89 mm, \varnothing 114 mm or \varnothing 133 mm (single or double design)
 - Fixed position, 0° for pole-top \varnothing 42 mm, \varnothing 48 mm or \varnothing 60 mm
 - Adjustable in 5° increments from 0-90°, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

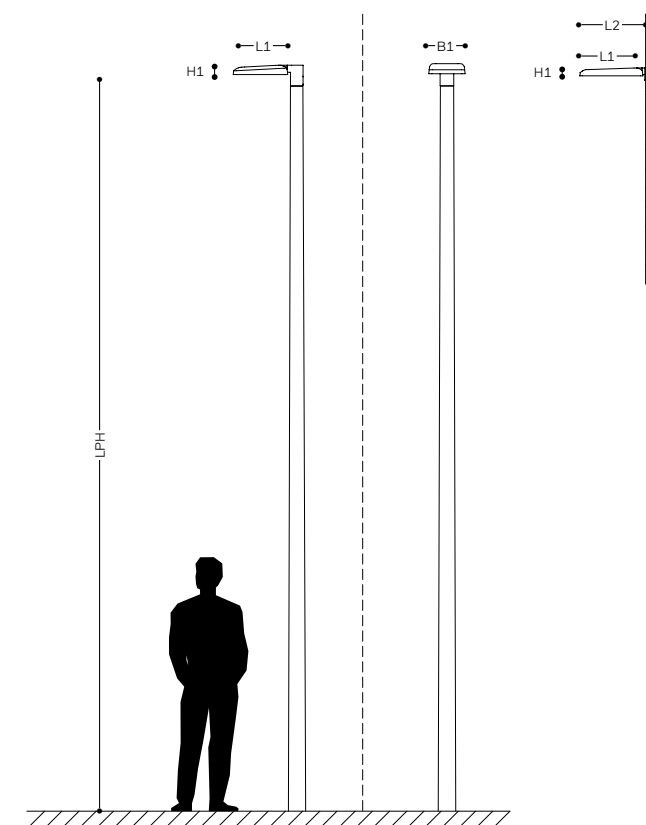


Colour Temperatures

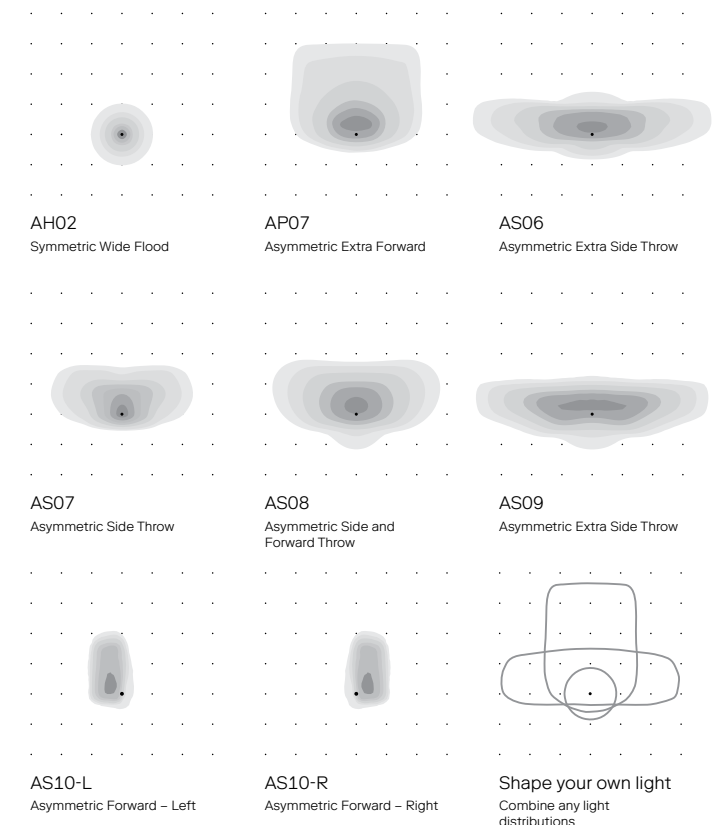


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



F-System XS

LightTile



Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚖️ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
F2-XS	3-6	MK, M-DFC-10 / -11 / -12	0.13	0.05	11.0	2	1,800	24	420	/	72	258
F2-XS-W	/	/	0.11	0.03	9.5	2	1,800	24	420	450	72	258
F3-XS	3-6	MK, M-DFC-10 / -11 / -12	0.13	0.05	11.0	3	2,700	36	420	/	72	258
F3-XS-W	/	/	0.11	0.03	9.5	3	2,700	36	420	450	72	258

① In 0.5 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



F2-XS / F3-XS
2-3 Lighting units (LU)

Glass Cover



Bolted glass cover



Glass cover can be opened without tools

- Housing accommodates up to 3 lighting units (LU), 64 / 96 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum available in the following variants:
 - Fixed position, 90° for pole-top \varnothing 42 mm, \varnothing 48 mm, \varnothing 60 mm, \varnothing 89 mm, \varnothing 114 mm or \varnothing 133 mm (single or double design)
 - Fixed position, 0° for pole-top \varnothing 42 mm, \varnothing 48 mm or \varnothing 60 mm
- Adjustable in 5° increments from 0-90°, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

Available Designs



Single



Double



Wall-mounted

⊕ □ IP66 RoHS IK08
CE

Pole Bracket Variants



Fixed 90° pole-top



Fixed side-entry



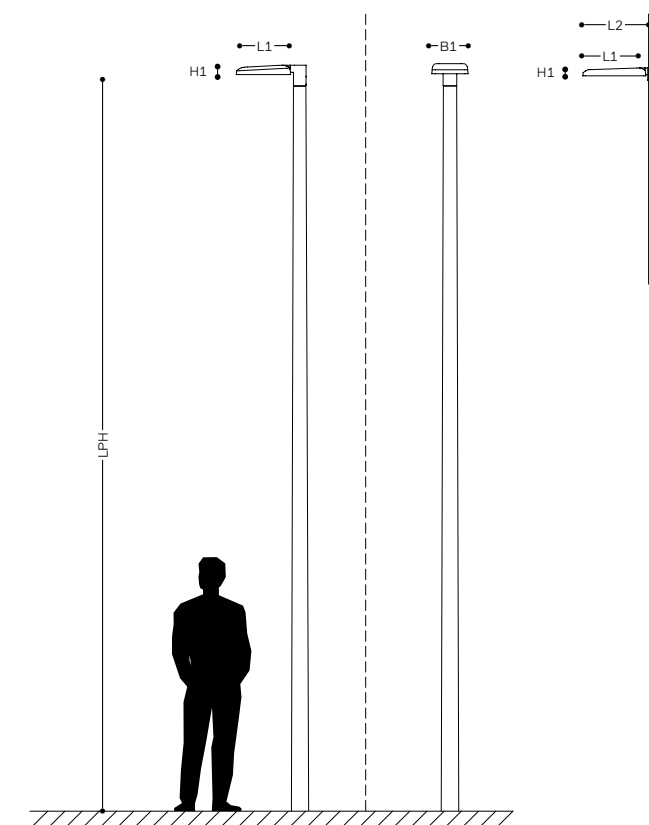
Adjustable 0-90°

Colour Temperatures

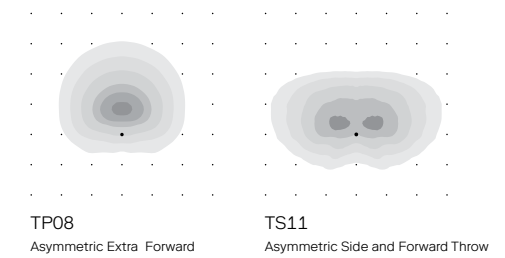


Standard CRI \geq 80, upon request CRI \geq 90

Dimension (values see table)



Light Distributions





Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
IR1	3-6	MK	0.12	0.03	9.5	1	1,000-3,800	10-30	508	/	72	250
IR1-W	/	/	0.12	0.04	10.0	1	1,000-3,800	10-30	508	538	72	250
IR2	3-6	MK	0.12	0.03	9.5	2	1,900-7,700	20-65	508	/	72	250
IR2-W	/	/	0.12	0.04	10.0	2	1,900-7,700	20-65	508	538	72	250
IR3	3-6	MK	0.12	0.03	9.5	3	2,900-10,900	30-95	508	/	72	250
IR3-W	/	/	0.12	0.04	10.0	3	2,900-10,900	30-95	508	538	72	250

① In 0.5 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

Models / Equipment Variations



IR
1-3 Lighting units

Available Designs



Single



Wall-mounted

- Housing accommodates up to 3 lighting units (LU), 16 / 32 / 48 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (IR3 max. 650 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in die-cast aluminium, integral pole adapter, for pole-top $\varnothing 60$ mm and $\varnothing 76$ mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

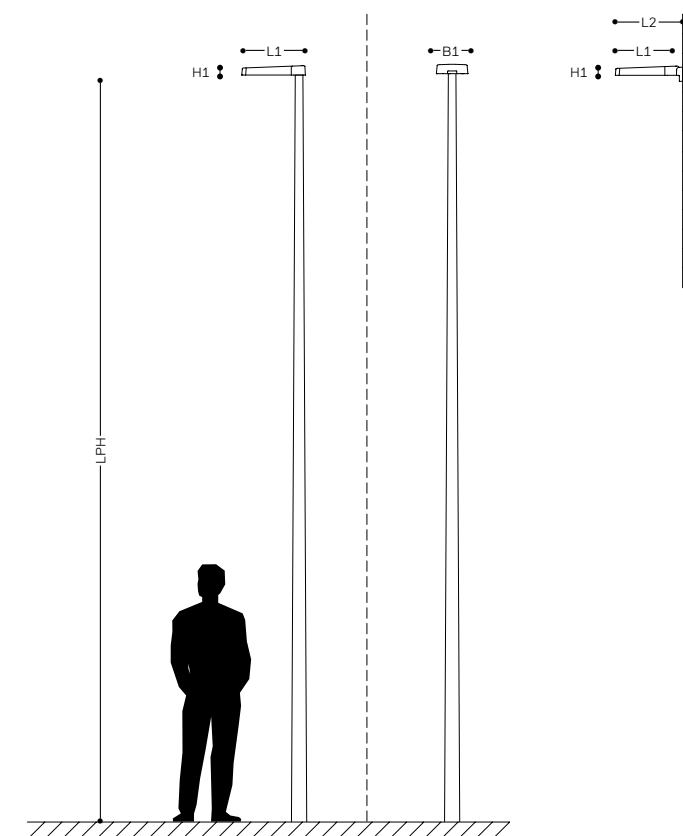


Colour Temperatures

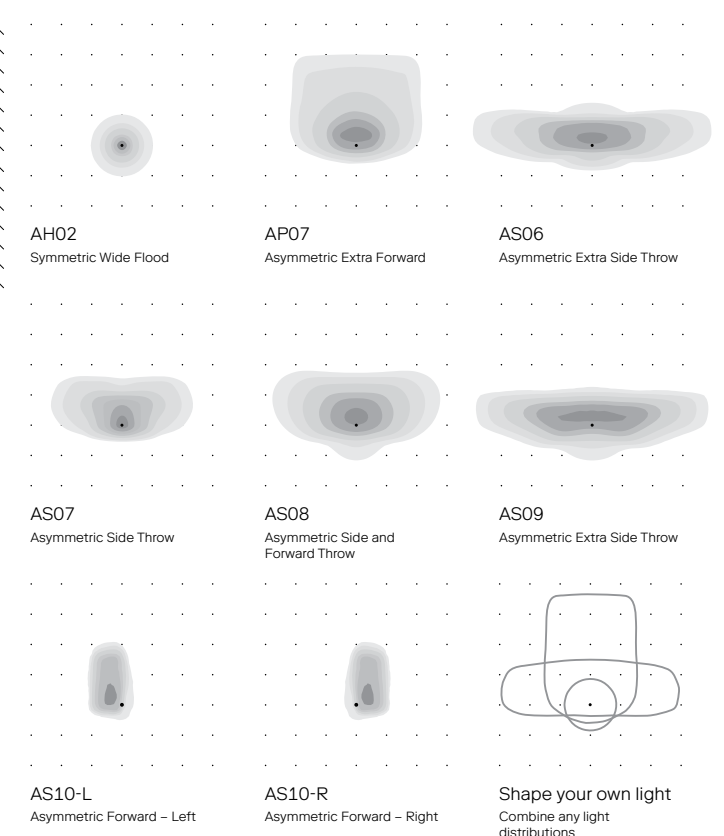


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



IR

LightTile



IR3

Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
IR2	3-6	MK	0.12	0.03	9.5	2	1,800	24	508	/	72	250
IR2-W	/	/	0.12	0.04	10.0	2	1,800	24	508	538	72	250
IR3	3-6	MK	0.12	0.03	9.5	3	2,700	36	508	/	72	250
IR3-W	/	/	0.12	0.04	10.0	3	2,700	36	508	538	72	250

① In 0.5 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IR
2-3 Lighting units

- Housing accommodates up to 3 lighting units (LU), 64 / 96 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in die-cast aluminium, integral pole adapter, for pole-top $\varnothing 60$ mm and $\varnothing 76$ mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

Available Designs



Single



Wall-mounted

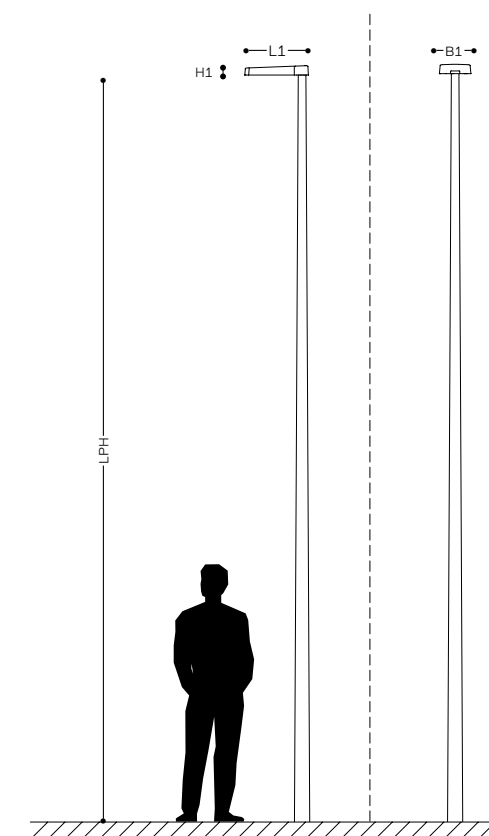


Colour Temperatures

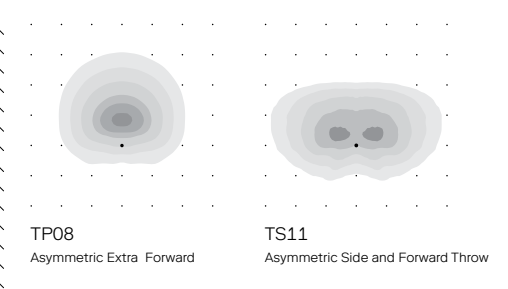


Standard CRI ≥ 80 , upon request CRI ≥ 90

Dimension (values see table)

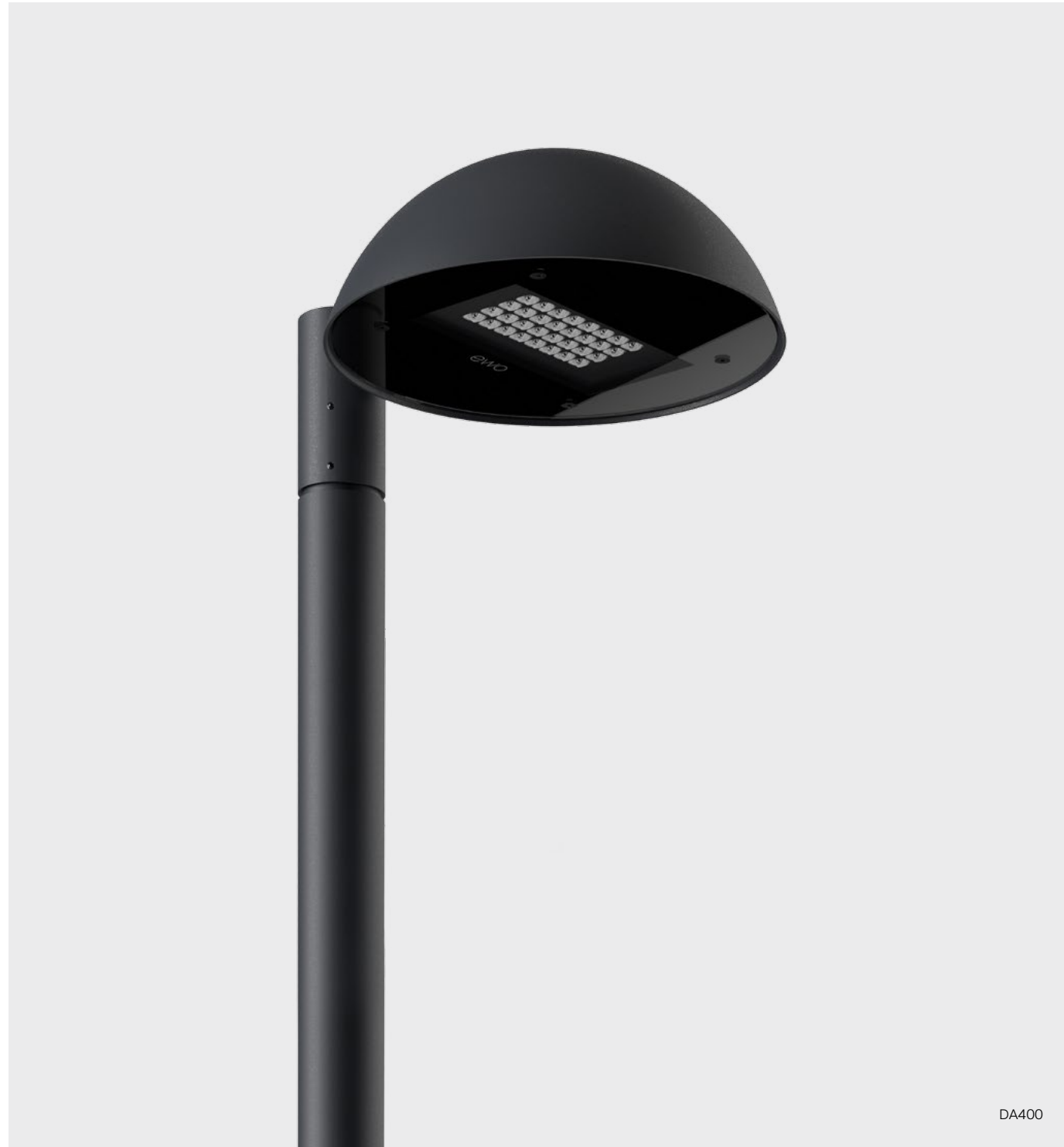


Light Distributions



DA

A-Series



DA400

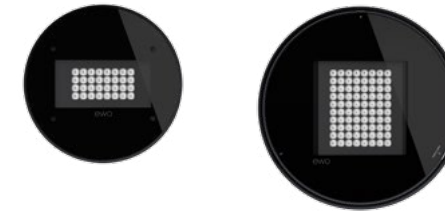
Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⬆ ⑤	LU	Luminous Flux [lm]	Power [W]	D1 ⑥	H1 ⑥	L2 ⑥
DA400	3-6	MK, M-DFC-10 / -11	0.14	0.07	11.5	1-2	1,000-6,300	10-50	400	150	/
DA400-W	/	/	0.13	0.05	10.0	1-2	1,000-6,300	10-50	400	150	424
DA520	4-10	MK, M-DFC-10 / -11 / -12	0.23	0.10	18.0	1-5	1,000-14,700	10-120	522	192	/
DA520-W	/	/	0.22	0.09	17.5	1-5	1,000-14,700	10-120	522	192	660

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



DA400
1-2 Lighting units

DA520
1-5 Lighting units

Available Designs (also available as pendant)



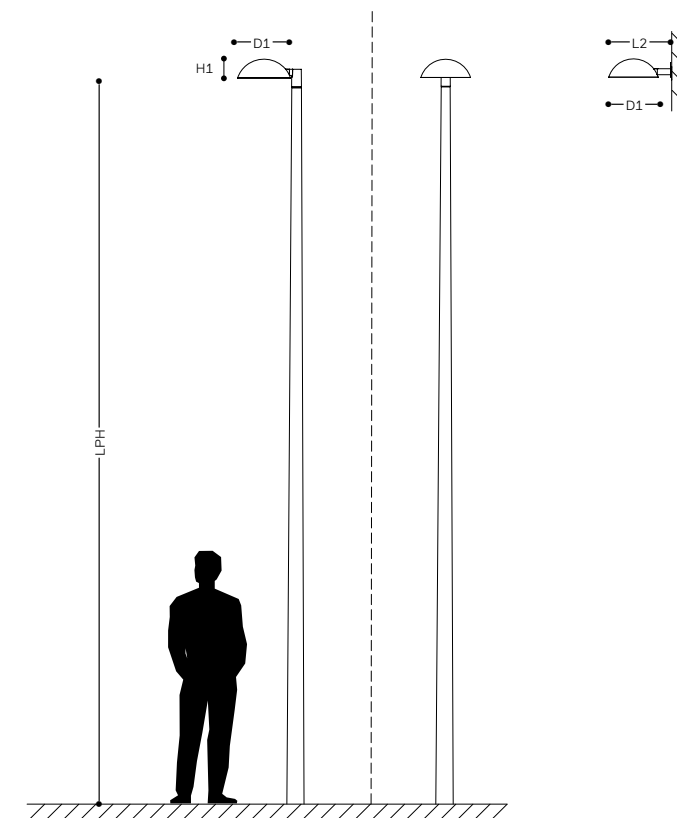
Single

Double



Wall-mounted

Dimension (values see table)



- Housing accommodates up to 5 lighting units (LU), 16 / 32 / 48 / 64 / 80 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum, swivels from 0 to 90° in 5° increments, for pole-top $\varnothing 76$ mm or $\varnothing 60$ mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

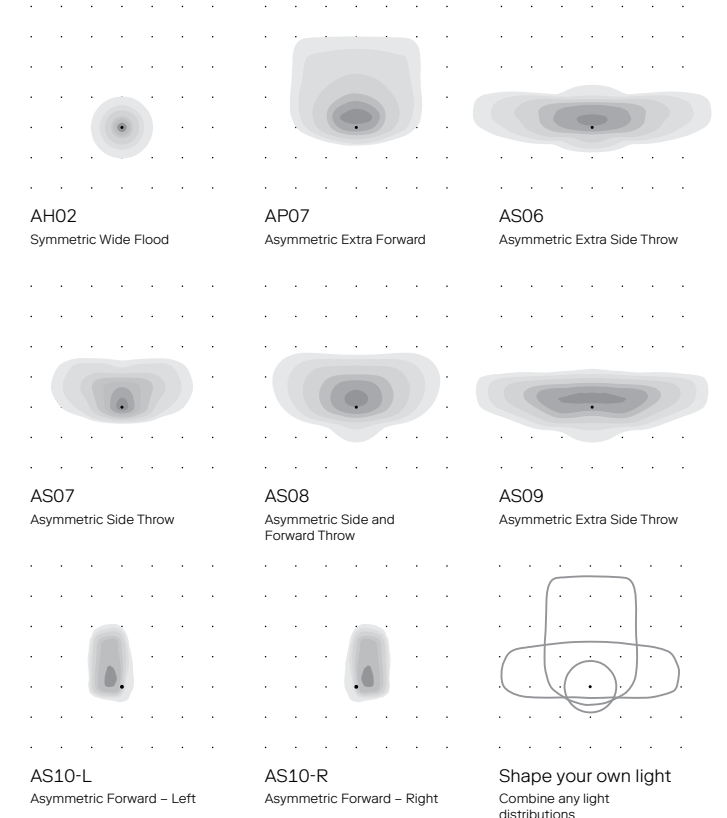


Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions (also available in satiné version)



DA

LightTile



DA400

Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	D1 ⑥	H1 ⑥	L2 ⑥
DA400	3-6	MK, M-DFC-10 / -11	0.14	0.07	11.5	2	1,800	24	400	150	/
DA400-W	/	/	0.13	0.05	10.0	2	1,800	24	400	150	424
DA520	4-10	MK, M-DFC-10 / -11 / -12	0.23	0.10	18.0	2-5	4,600	60	522	192	/
DA520-W	/	/	0.22	0.09	17.5	2-5	4,600	60	522	192	600

① In 1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



DA400
2 Lighting units

DA520
2-5 Lighting units

Available Designs (also available as pendant)



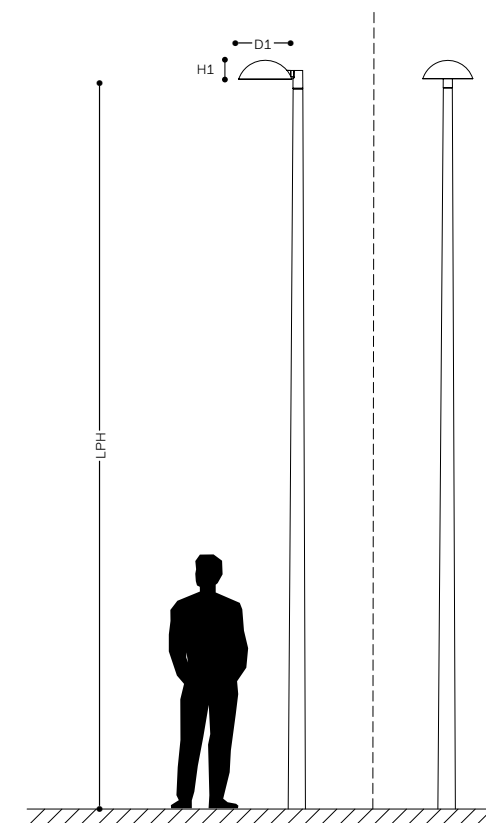
Single

Double



Wall-mounted

Dimension (values see table)



- Housing accommodates up to 5 lighting units (LU), 64 / 96 / 128 / 160 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Die-cast aluminum housing, pole adapter made of aluminum, swivels from 0 to 90° in 5° increments, for pole-top \varnothing 76 mm or \varnothing 60 mm
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

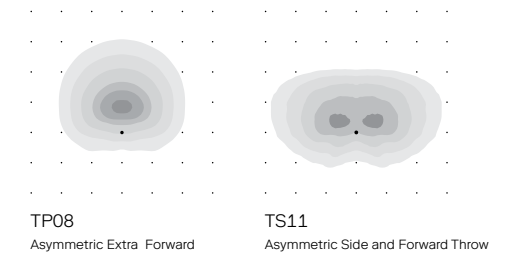


Colour Temperatures



Standard CRI \geq 80, upon request CRI \geq 90

Light Distributions



GO

A-Series



Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
GO	3-6	MK	0.05	0.03	6.5	1	900-3,300	10-25	424	/	79	125
GO-W	/	/	0.05	0.03	5.0	1	900-3,300	10-25	/	377	79	125

① In 0.5 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



GO
1 Lighting unit

Available Designs



Single



Wall-mounted

Surface



Polyester powder-coated housing and pole, anthracite (DB 703)



Vibratory-finished aluminium housing, pole made from hot-dip galvanised steel

Cover Design



Curved cover



Single-pane safety glass

- Housing accommodates 1 lighting unit (LU), 16 LEDs
- Current feed: 200-600 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards available upon request
- Various light distributions for area, street and walkway lighting
- Lens made from PMMA
- Cover in single-pane safety glass (ESG) or curved cover
- Housing made of die-cast aluminium
- Suitable for pole-top \varnothing 60mm, optional adapter for \varnothing 76mm
- Vibratory-finished aluminium or polyester powder coating, anthracite (DB 703), other colours upon request

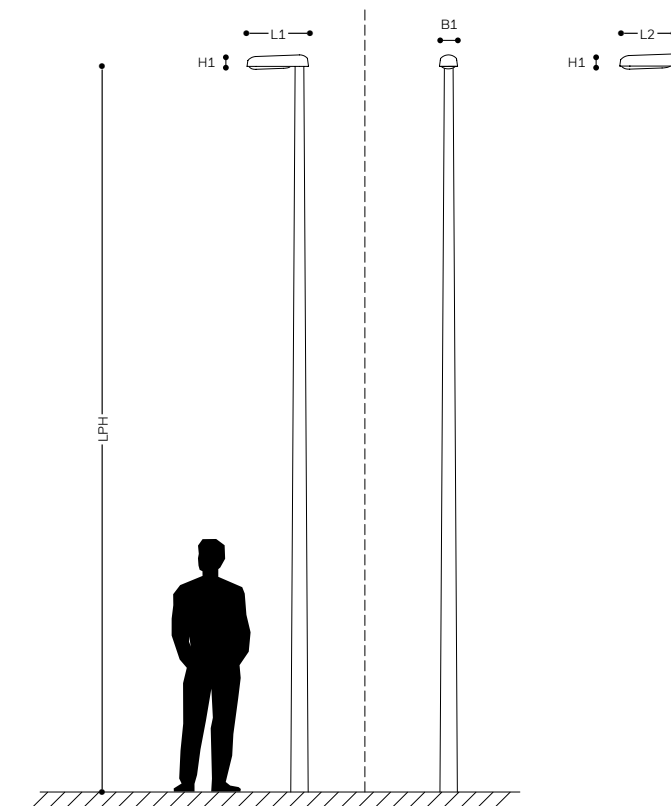
⊕ □ IP66 RoHS IK08
CE

Colour Temperatures

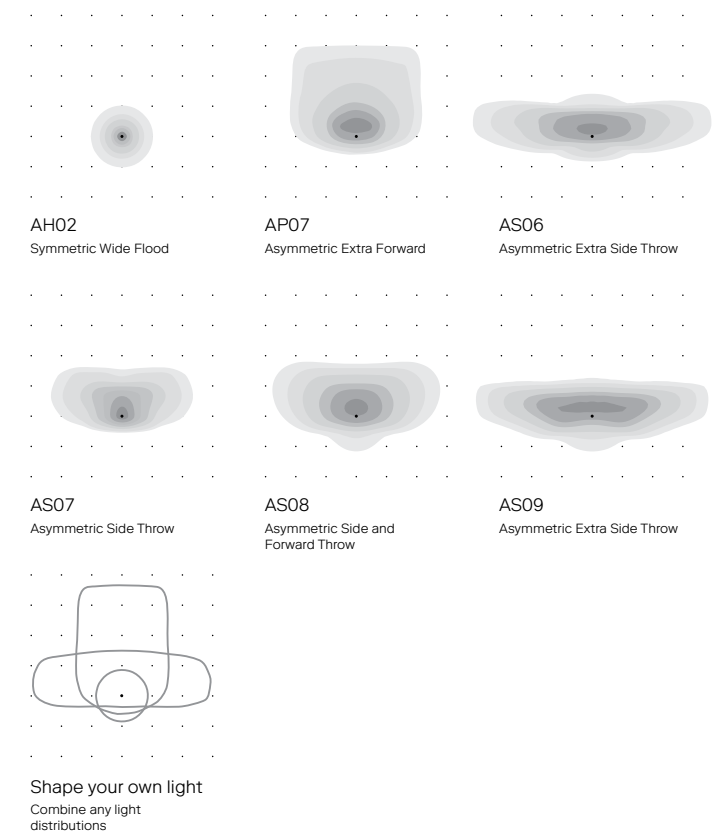
2,200 K CRI \geq 70 2,700 K CRI \geq 70 3,000 K CRI \geq 80 4,000 K CRI \geq 70 5,700 K CRI \geq 70

CRI \geq 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)





FO600

Model	LPH [m] ^①	Pole ^②	↓ ^③	→ ^④	⚠ ^⑤	LU	Luminous Flux [lm]	Power [W]	L1 ^⑥	L2 ^⑥	H1 ^⑥	B1 ^⑥
FO460	3-6.3	ME1, MSF4, MSE, MS11	0.15	0.07	14.0	1-3	1,000-10,900	10-95	460	/	100	290
FO460	6.4-8	MS, MSF8, MSF13, MS2	0.15	0.07	14.0	1-3	1,000-10,900	10-95	460	/	100	290
FO460-W	/	/	0.14	0.05	15.0	1-3	1,000-10,900	10-95	460	505	100	290
FO600	6.4-8	MS, MSF8, MSF13, MS2	0.19	0.08	17.0	3-5	2,900-15,900	30-135	600	/	100	290
FO600	8.1-10	MS4, MSF10, MSF9, MS6	0.19	0.08	17.0	3-5	2,900-15,900	30-135	600	/	100	290
FO600-W	/	/	0.18	0.06	18.0	3-5	2,900-15,900	30-135	600	645	100	290

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



FO460
1-3 Lighting units



FO600
3-5 Lighting units

Available Designs (also available as pendant)



Single

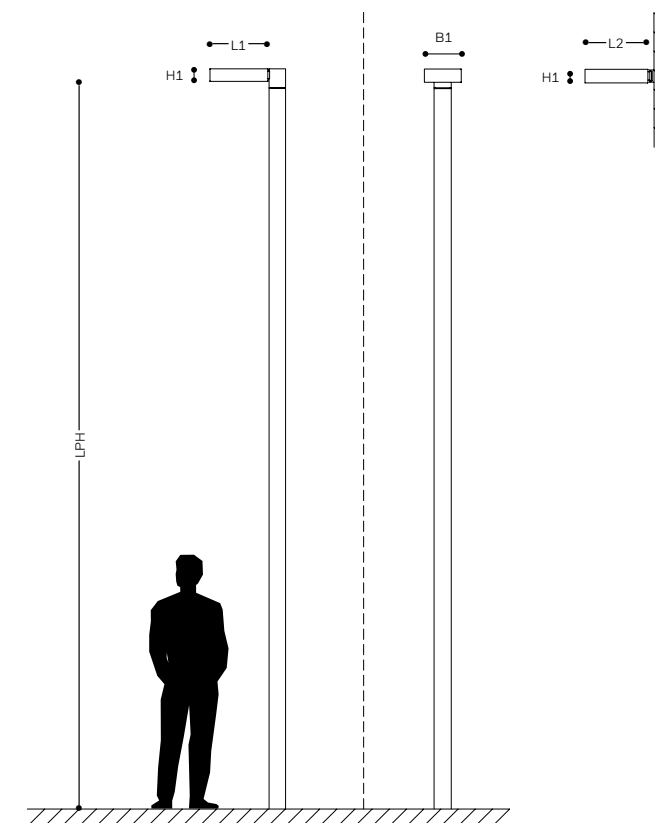


Double



Wall-mounted

Dimension (values see table)



- Housing accommodates up to 5 lighting units (LU), 16 / 32 / 48 / 64 / 80 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (FO460 with 3 lighting units max. 650 mA, FO600 max. 550 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in stainless steel, pole adapter in aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

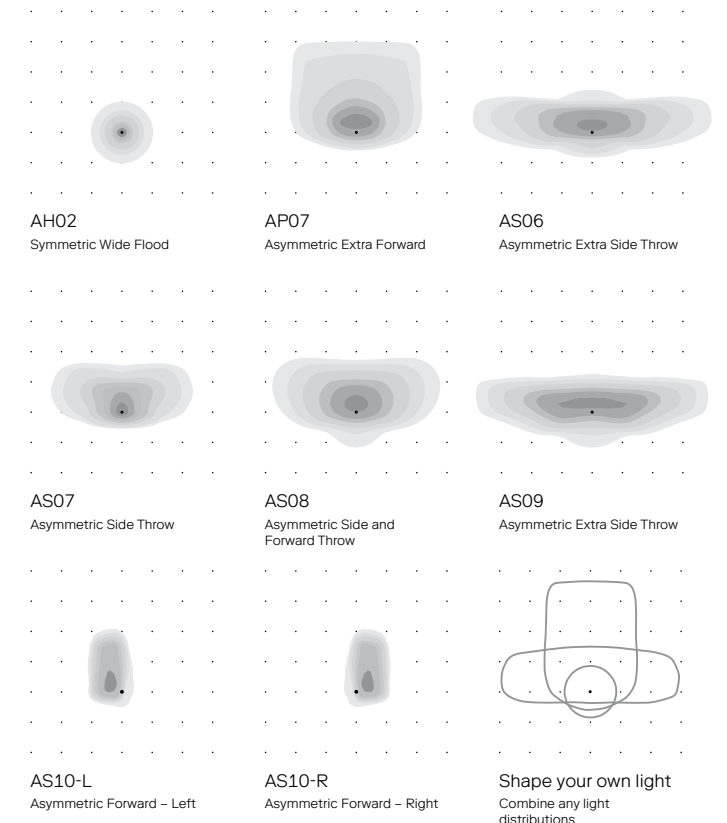


Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions (also available in satiné version)





FO600

Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
FO460	3-6.3	ME1, MSF4, MSE, MS11	0.15	0.07	14.0	2-3	2,700	36	460	/	100	290
FO460	6.4-8	MS, MSF8, MSF13, MS2	0.15	0.07	14.0	2-3	2,700	36	460	/	100	290
FO460-W	/	/	0.14	0.05	15.0	2-3	2,700	36	460	505	100	290
FO600	6.4-8	MS, MSF8, MSF13, MS2	0.19	0.08	17.0	3-5	4,600	60	600	/	100	290
FO600	8.1-10	MS4, MSF10, MSF9, MS6	0.19	0.08	17.0	3-5	4,600	60	600	/	100	290
FO600-W	/	/	0.18	0.06	18.0	3-5	4,600	60	600	645	100	290

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

Models / Equipment Variations



FO460
2-3 Lighting units



FO600
3-5 Lighting units

Available Designs (also available as pendant)



Single



Double



Wall-mounted

- Housing accommodates up to 5 lighting units (LU), 64 / 96 / 128 / 160 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in stainless steel, pole adapter in aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

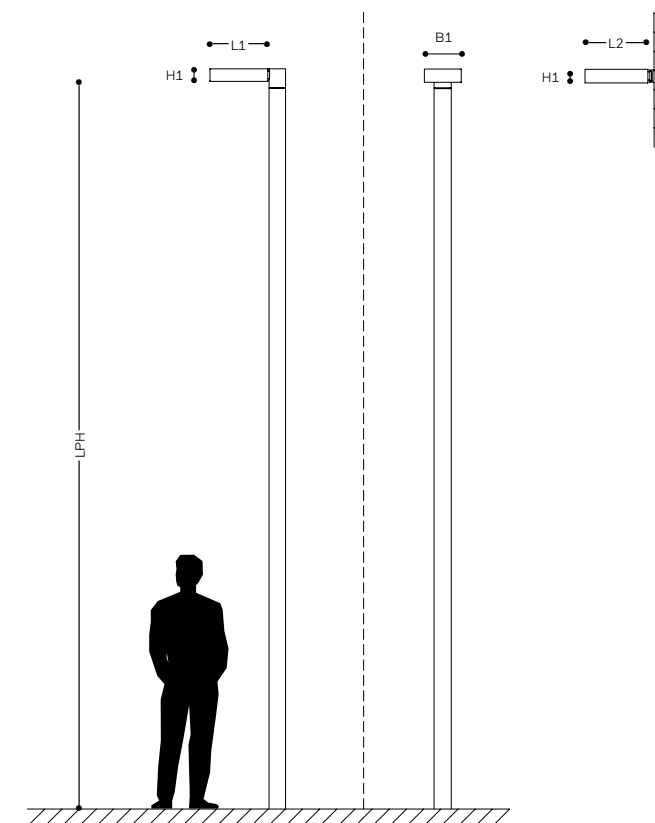


Colour Temperatures

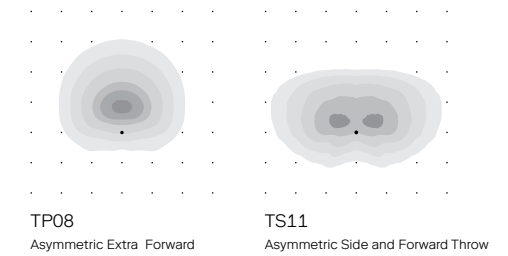


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions



FN

A-Series



FN1000-B

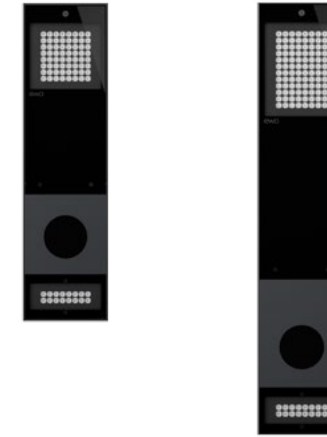
Model	LPH [m] ①	Pole ②	③	④	⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	H1 ⑥	B1 ⑥
FN1000	5-6.3	MS10, MSF11	0.27	0.11	21.5	1-4	1,000-15,500	10-135	1,000	108	268
FN1000	6.4-10	MS, MSF8, MS4, MSF9	0.27	0.11	21.5	1-4	1,000-15,500	10-135	1,000	108	268
FN1000-B	5-6.3	MS10, MSF11	0.27	0.11	24.0	1-4+1	1,900-19,400	20-170	1,000	108	268
FN1000-B	6.4-10	MS, MSF8, MS4, MSF9	0.27	0.11	24.0	1-4+1	1,900-19,400	20-170	1,000	108	268
FN1300	6.4-10	MS, MSF8, MS4, MSF9	0.35	0.14	26.0	5-6	4,700-19,100	50-160	1,300	108	268
FN1300-B	6.4-10	MS, MSF8, MS4, MSF9	0.35	0.14	28.5	5-6+1	5,700-22,300	60-185	1,300	108	268

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



FN1000
1-4 Lighting units
FN1000-B
1-4+1 Lighting units

FN1300
5-6 Lighting units
FN1300-B
5-6+1 Lighting units

Available Design



Single

Product Variations

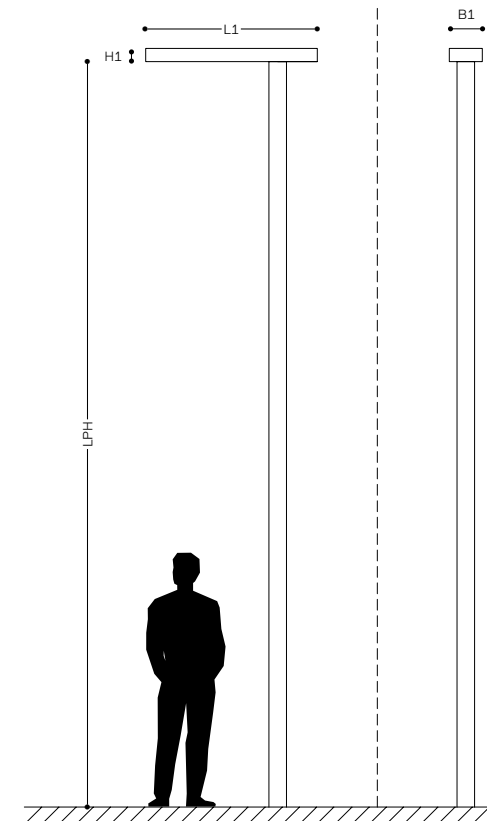


FN



FN-B

Dimension (values see table)



- Housing accommodates up to 6 lighting units (LU), 16 / 32 / 48 / 64 / 80 / 96 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (FN1300(-B) max. 550 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Product variant FN-B: additional lighting unit at the back
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing made of extruded aluminium profile
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

IP66 RoHS IK08

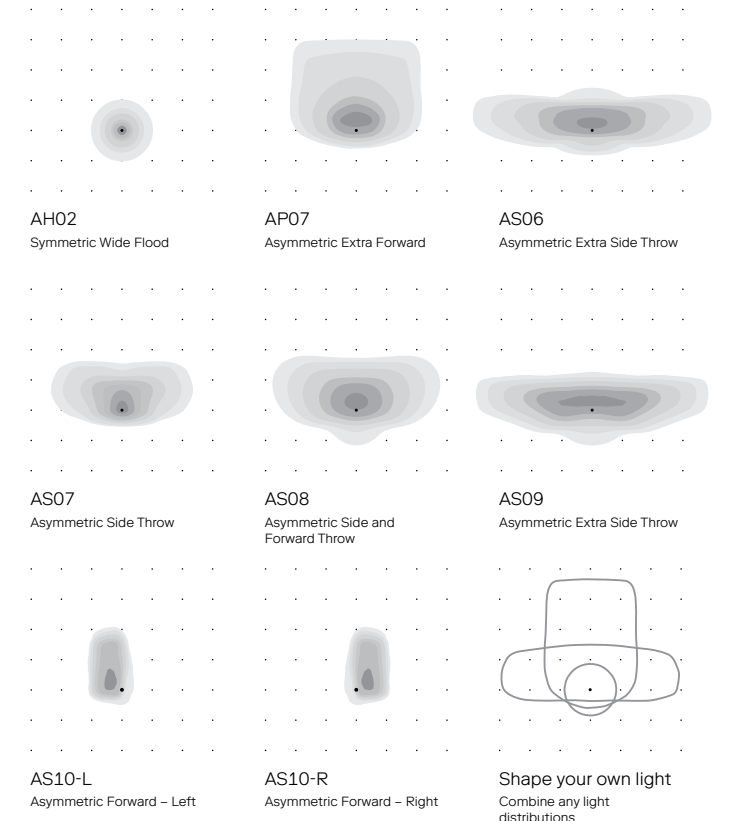


Colour Temperatures

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, other colour rendering indexes available upon request

Light Distributions (also available in satiné version)



FN

LightTile



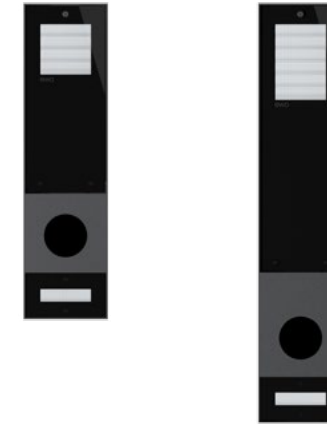
Model	LPH [m] ①	Pole ②	③	④	⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ⑥	H1 ⑥	B1 ⑥
FN1000	5-6.3	MS10, MSF11	0.27	0.11	21.5	2-4	3,600	48	1,000	108	268
FN1000	6.4-10	MS, MSF8, MS4, MSF9	0.27	0.11	21.5	2-4	3,600	48	1,000	108	268
FN1000-B	5-6.3	MS10, MSF11	0.27	0.11	24.0	2-4+1	4,600	60	1,000	108	268
FN1000-B	6.4-10	MS, MSF8, MS4, MSF9	0.27	0.11	24.0	2-4+1	4,600	60	1,000	108	268
FN1300	6.4-10	MS, MSF8, MS4, MSF9	0.35	0.14	26.0	5-6	5,500	71	1,300	108	268
FN1300-B	6.4-10	MS, MSF8, MS4, MSF9	0.35	0.14	28.5	5-6+1	6,400	83	1,300	108	268

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



FN1000
2-4 Lighting units
FN1000-B
2-4+1 Lighting units

FN1300
5-6 Lighting units
FN1300-B
5-6+1 Lighting units

- Housing accommodates up to 6 lighting units (LU), 64 / 96 / 128 / 160 / 192 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Product variant FN-B: additional lighting unit at the back
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing made of extruded aluminium profile
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

⊕ □ IP66 RoHS IK08

CE

Available Design



Single

Product Variations



FN



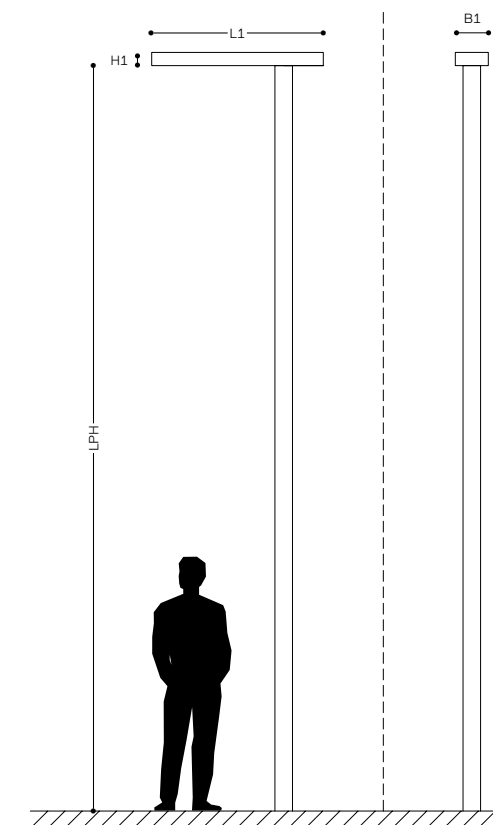
FN-B

Colour Temperatures

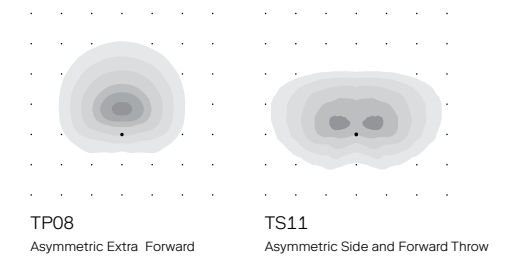


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions





CO500

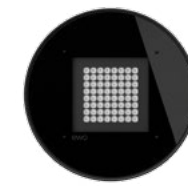
Model	LPH [m] ①	Pole ②	⬇️ ③	⬅️ ④	⚖️ ⑤	LU	Luminous Flux [lm]	Power [W]	D1 ⑥	H1 ⑥	L1 ⑥
CO500	3-6.3	ME1, MSF4, MSE, MS11	0.21	0.08	14.0	1-4	1,000-11,800	10-95	500	116	/
CO500	6.4-8	MS, MSF8, MSF13, MS2	0.21	0.08	14.0	1-4	1,000-11,800	10-95	500	116	/
CO500-W	/	/	0.20	0.06	15.0	1-4	1,000-11,800	10-95	500	116	545
CO600	6.4-8	MS, MSF8, MSF13, MS2	0.30	0.09	18.0	4-5	3,800-14,700	35-120	600	116	/
CO600	8.1-10	MS4, MSF10, MSF9, MS6	0.30	0.09	18.0	4-5	3,800-14,700	35-120	600	116	/
CO600-W	/	/	0.29	0.07	19.0	4-5	3,800-14,700	35-120	600	116	645

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

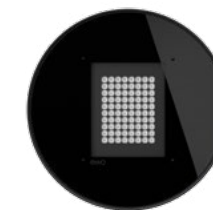
POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



CO500
1-4 Lighting units



CO600
4-5 Lighting units

Available Designs (also available as pendant)



Single



Double



Wall-mounted

- Housing accommodates up to 5 lighting units (LU), 16 / 32 / 48 / 64 / 80 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing and pole adapter made of aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

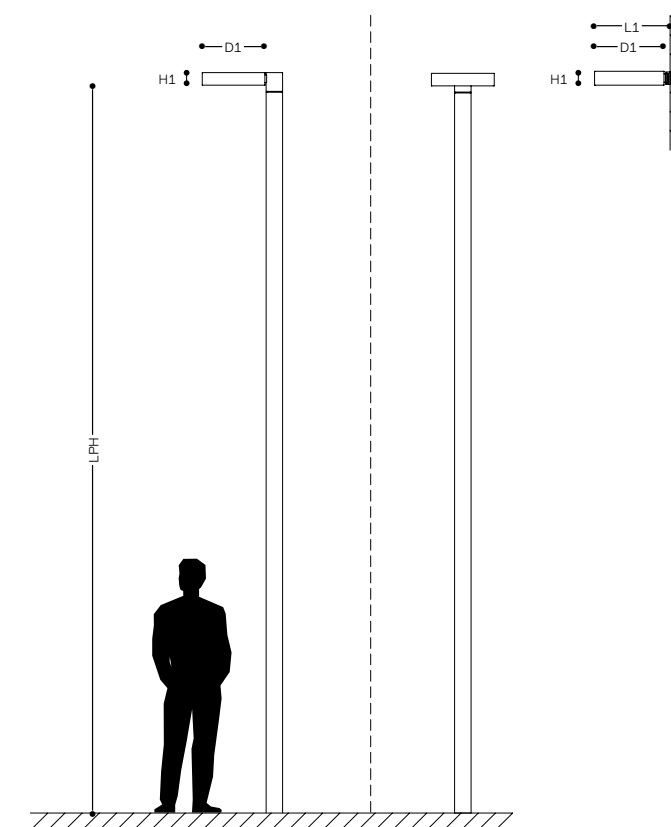


Colour Temperatures

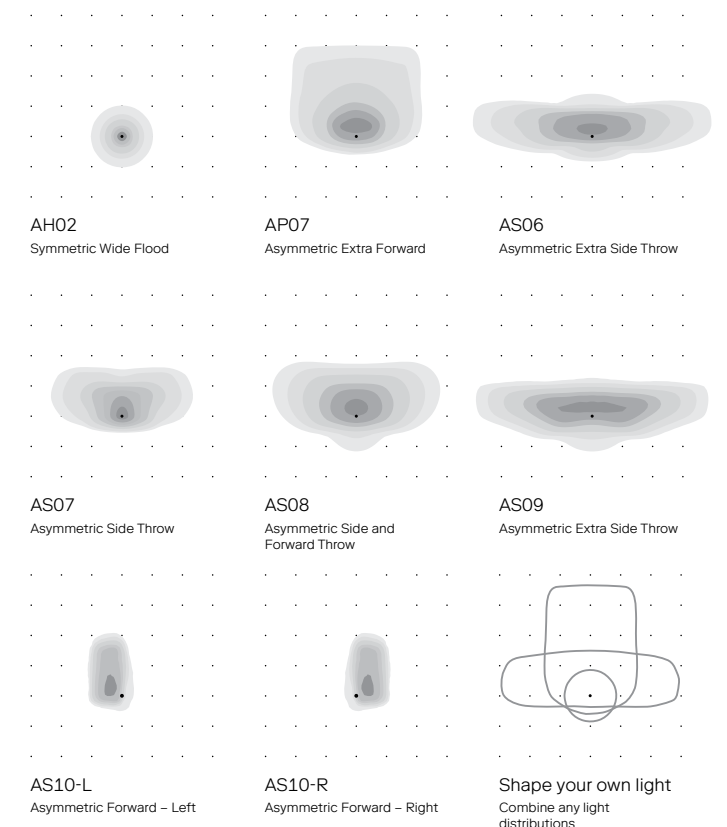


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)





CO500

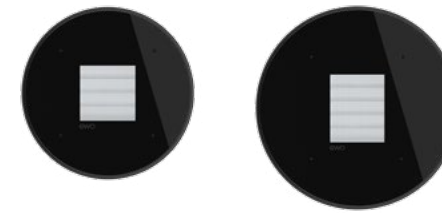
Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	D1 ⑥	H1 ⑥	L1 ⑥
CO500	3-6.3	ME1, MSF4, MSE, MS11	0.21	0.08	14.0	2-4	3,600	48	500	116	/
CO500	6.4-8	MS, MSF8, MSF13, MS2	0.21	0.08	14.0	2-4	3,600	48	500	116	/
CO500-W	/	/	0.20	0.06	15.0	2-4	3,600	48	500	116	545
CO600	6.4-8	MS, MSF8, MSF13, MS2	0.30	0.09	18.0	4-5	4,600	60	600	116	/
CO600	8.1-10	MS4, MSF10, MSF9, MS6	0.30	0.09	18.0	4-5	4,600	60	600	116	/
CO600-W	/	/	0.29	0.07	19.0	4-5	4,600	60	600	116	645

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



CO500
2-4 Lighting units

CO600
4-5 Lighting units

Available Designs (also available as pendant)



Single

Double



Wall-mounted

- Housing accommodates up to 5 lighting units (LU), 64 / 96 / 128 / 160 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing and pole adapter made of aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

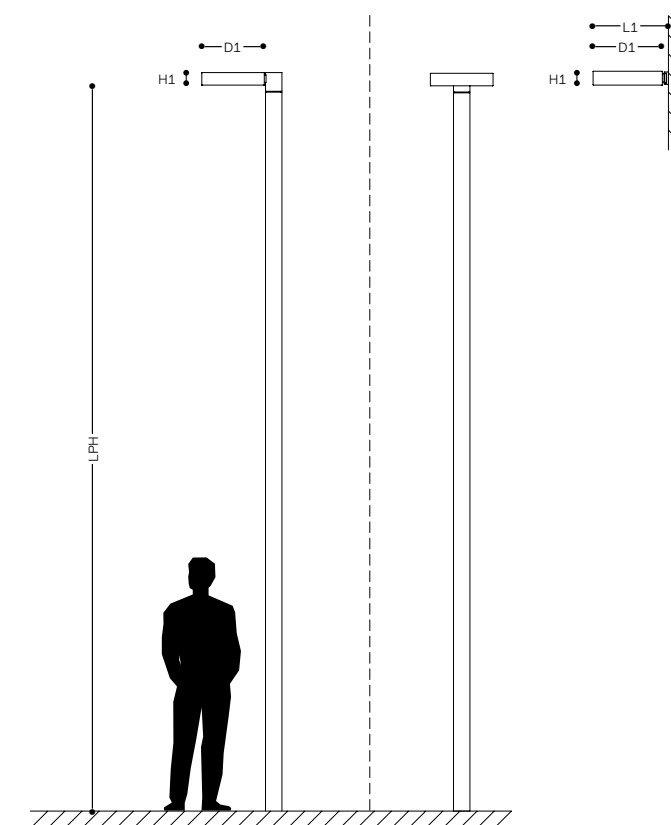


Colour Temperatures

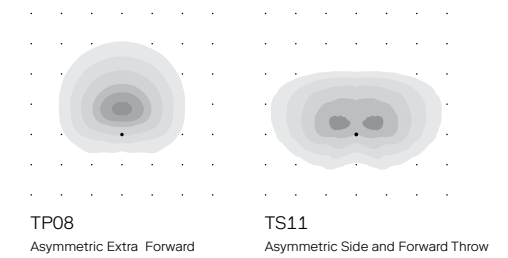


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions



CN

A-Series



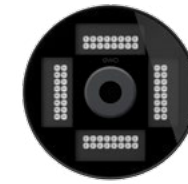
Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	D1 ⑥	H1 ⑥
CN500	3-6	MH4, MSE2	0.20	0.06	15.0	1-4	1,000-11,200	10-95	500	116
CN600	6-8	MS8, MSF	0.28	0.07	20.0	1-8	1,000-19,700	10-170	600	116

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

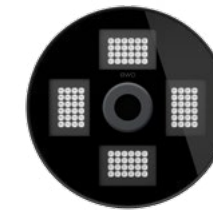
POLE MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



CN500
1-4 Lighting units



CN600
1-8 Lighting units

Available Design



Pole Luminaire

- Housing accommodates up to 8 lighting units (LU), 16 / 24 / 32 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

⊕ □ IP66 RoHS IK08

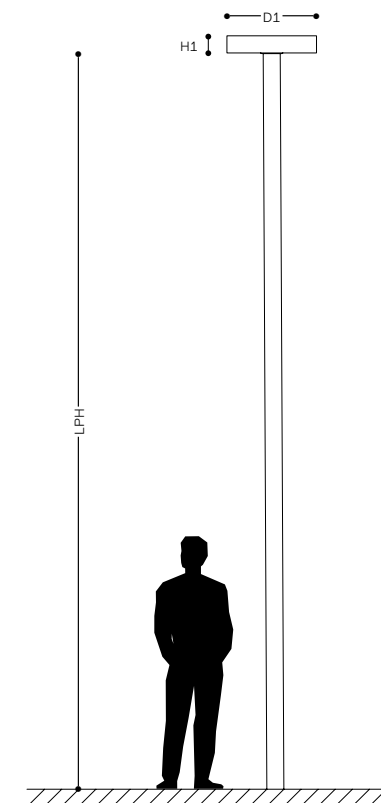


Colour Temperatures

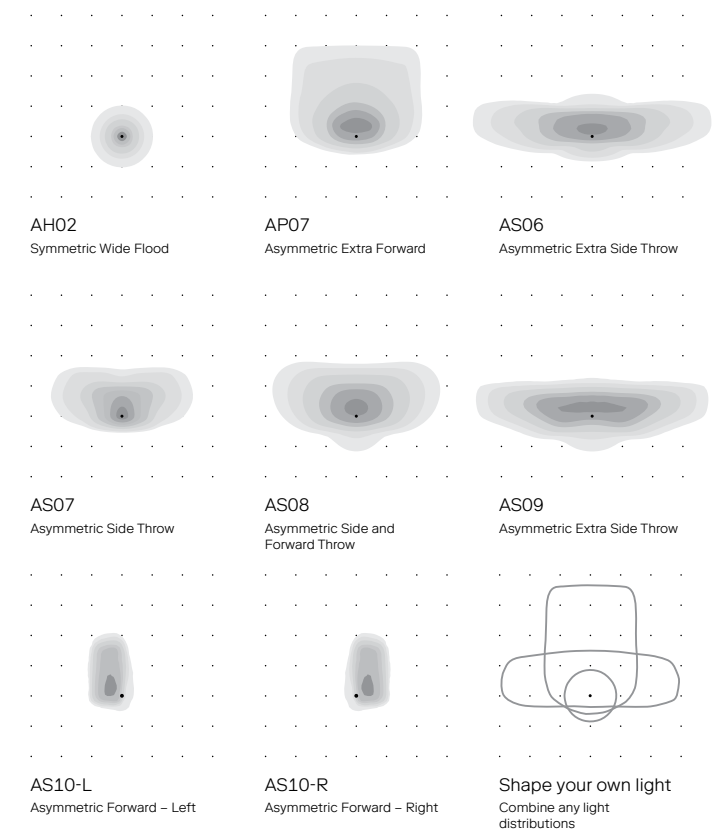
● 2,200 K CRI ≥ 70
 ● 2,700 K CRI ≥ 70
 ● 3,000 K CRI ≥ 80
 ● 4,000 K CRI ≥ 70
 ● 5,700 K CRI ≥ 70

CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



CN

LightTile



CN600

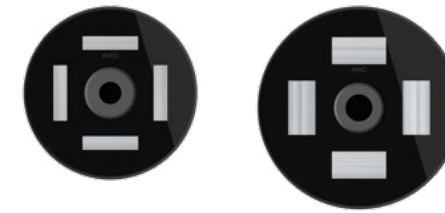
Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚠ ⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	D1 ⑥	H1 ⑥
CN500	3-6	MH4, MSE2	0.20	0.06	15.0	1-4	3,600	48	500	116
CN600	6-8	MS8, MSF	0.28	0.07	20.0	1-8	7,300	95	600	116

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



CN500
1-4 Lighting units

CN600
1-8 Lighting units

Available Design



Pole Luminaire

⊕ □ IP66 RoHS IK08

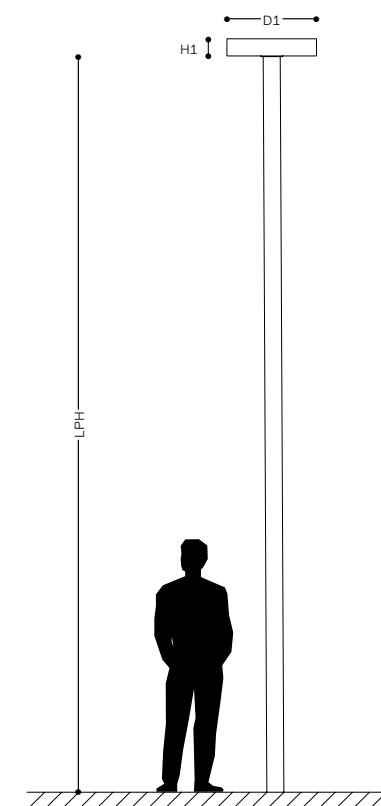


Colour Temperatures

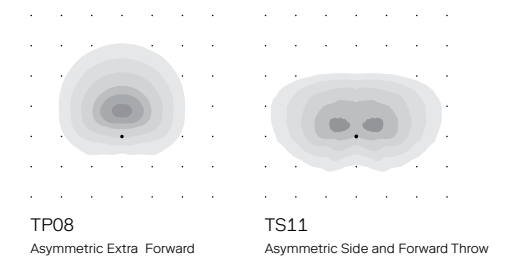


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)

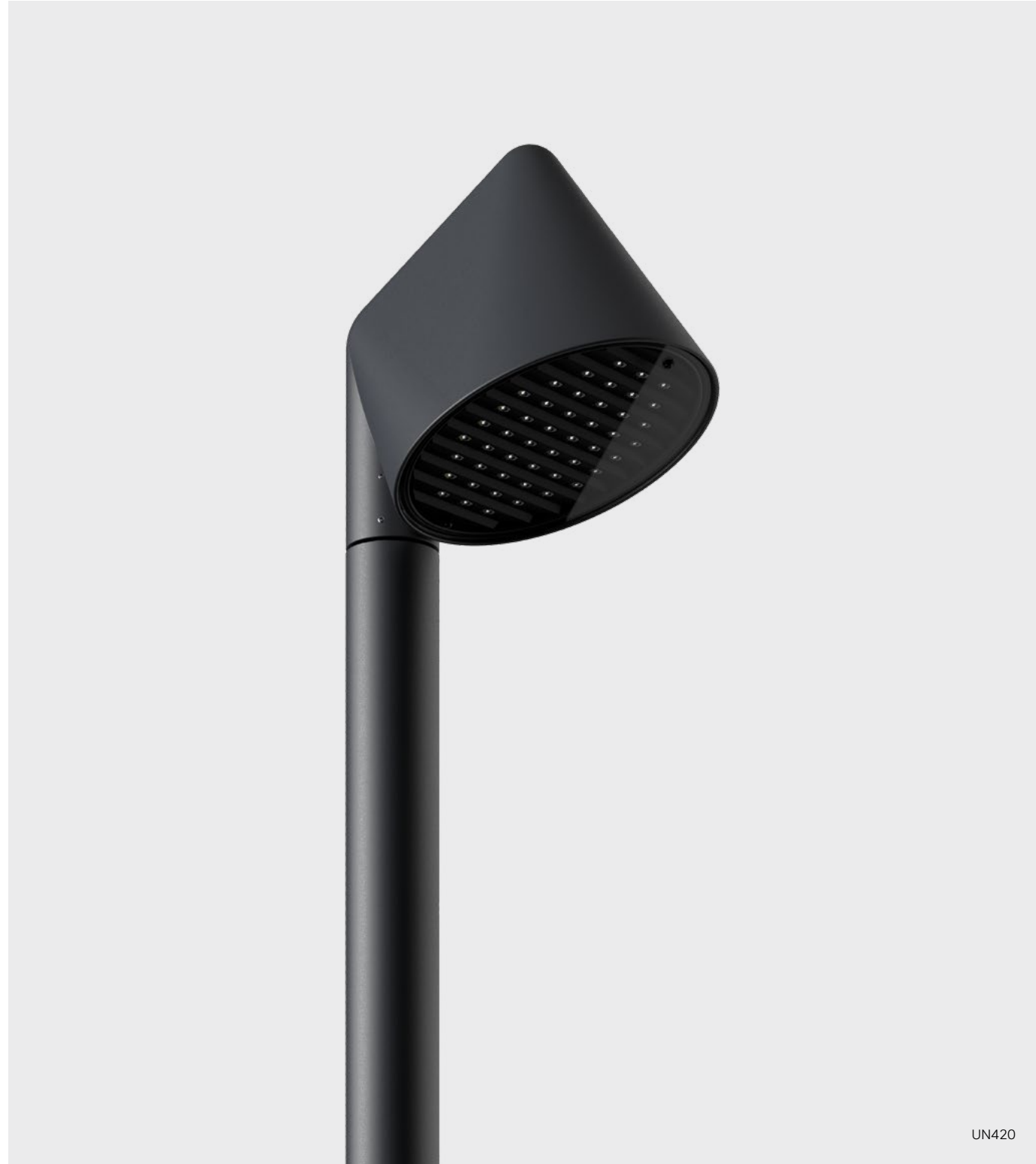


Light Distributions



UN

A-Series



UN420

Model	LPH [m] ①	Pole ②	↓ ③	→ ④	⚖ ⑤	LEDs	Luminous Flux [lm]	Power [W]	L1 ⑥	H1 ⑥
UN420	3.5-6.3	MSE1, MH1	0.13	0.14	15.5	34	2,000-6,600	25-60	515	421
UN420	3.5-6.3	MSE1, MH1	0.13	0.14	15.5	48	2,800-8,700	30-80	515	421

① In 0.1 m steps ② Further details on poles see p. 58-61 ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Excluding pole ⑥ [mm]

POLE MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



UN420
34 LEDs

UN420
48 LEDs

Available Design

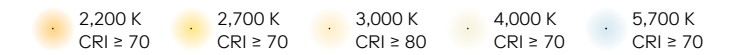


Pole Luminaire

- Housing accommodates up to 48 LEDs
- Current feed: 200-600 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards available
- Various light distributions for area, street and walkway lighting
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Luminaire housing in aluminium
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

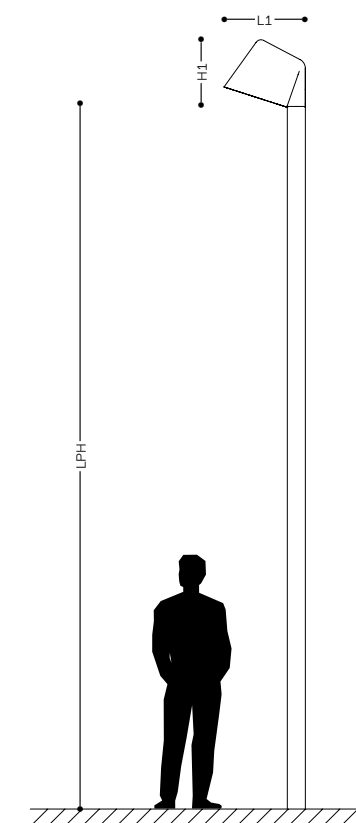


Colour Temperatures

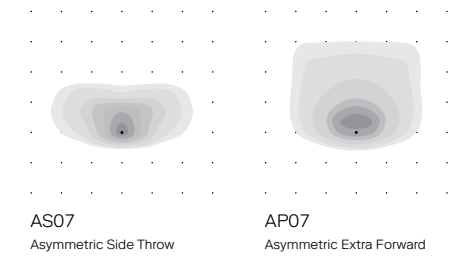


CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)

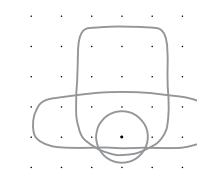


Light Distributions



AS07
Asymmetric Side Throw

AP07
Asymmetric Extra Forward



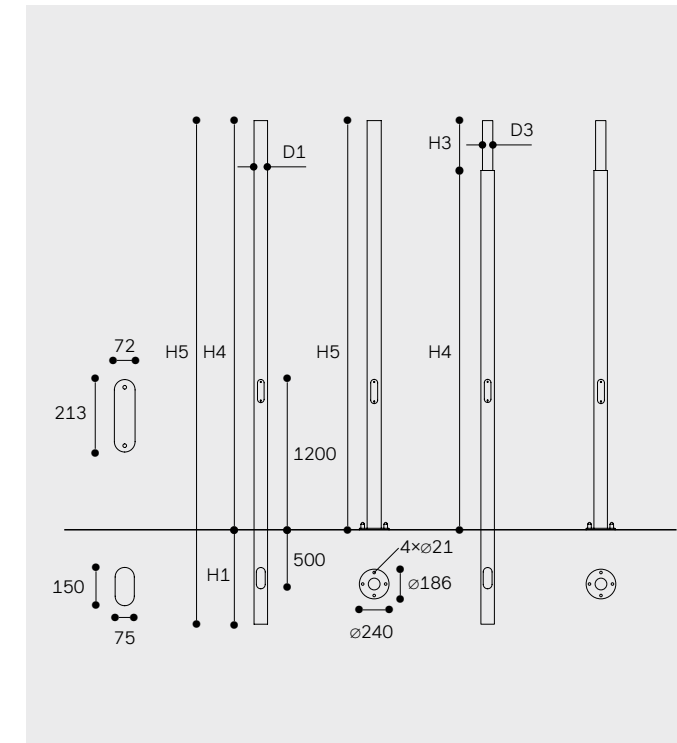
Shape your own light
Combine any light distributions

Poles

ewo develops complete lighting solutions. These also include the production of poles. In so doing, we ensure the ideal interaction of the individual components, from the mechanical interfaces to the matching finish. Changes to the mounting heights are effortless, and with additional adaptations such as the application of revised openings or special mounting variations, we are just as flexible. Additionally, at our facilities in Kurtatsch/Cortaccia as well as our metal manufacturing plant that is still active in Sarnthein, we create custom pole constructions with a great demand upon the creative and handcrafted qualities.

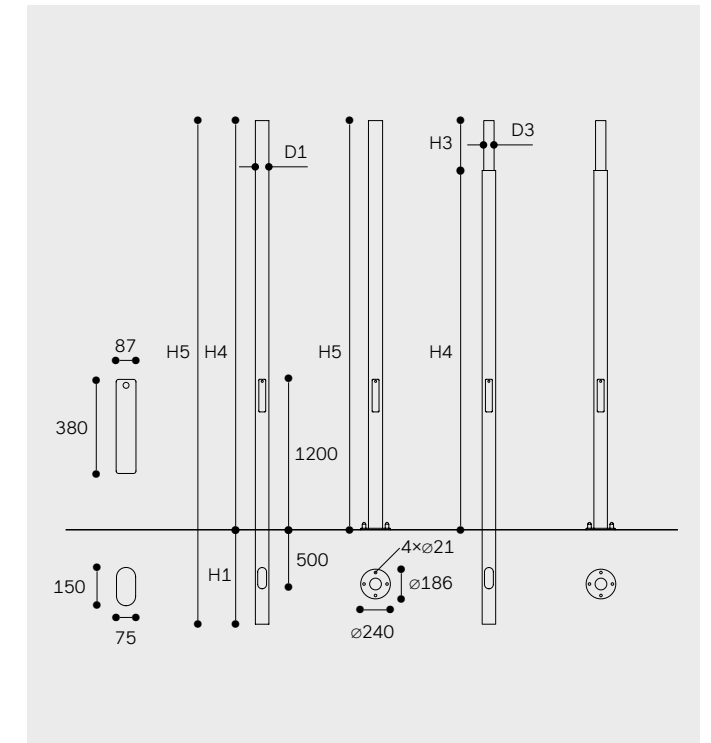
All of the poles meet high standards of quality. The light poles are certified according to the European standard EN 40-5. Welding parameters as well as other requirements that are essential to the structural engineering are tested during regular independent audits.

Cylindrical Poles ME / MH / MS



Service door surface-mounted

Pole	H3 [mm]	D1 [mm]	D3 [mm]	H1 [mm]
MH4(-F)	85	114,3	76.1	800(0)
MS8(-F)	85	133	76.1	1,000(0)
MH1(-F)	140	114,3	88.9	800(0)
ME1(-F)	/	114,3	/	800(0)
MS(-F)	/	133	/	1,000(0)
MS2(-F)	90	133	114.3	1,000(0)
MS4(-F)	/	133	/	1,200(0)
MS6(-F)	90	133	114.3	1,200(0)
MS10(-F)	/	133	/	800(0)
MS11(-F)	90	133	114.3	800(0)



Service door flush-mounted

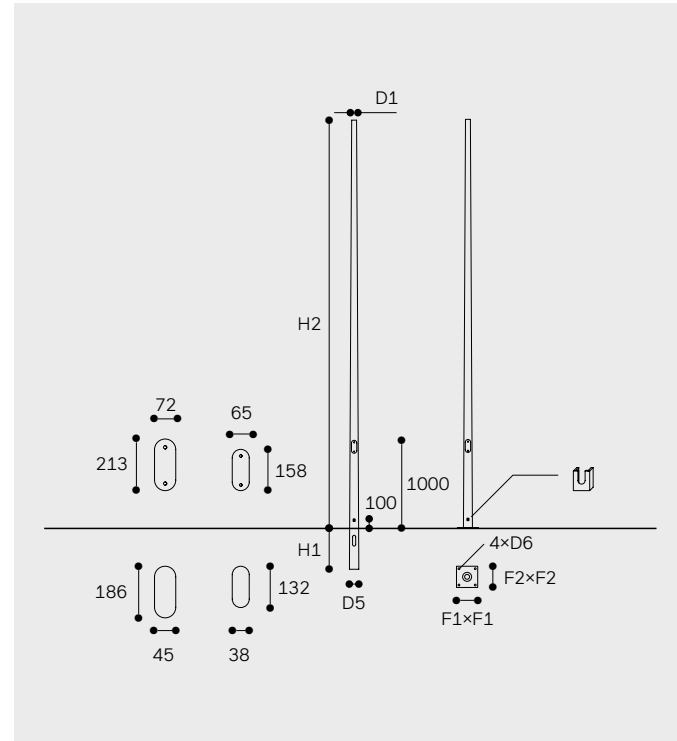
Pole	H3 [mm]	D1 [mm]	D3 [mm]	H1 [mm]
MSE2(-F)	85	114.3	76.1	800(0)
MSF(-F)	85	133	76.1	1,000(0)
MSE(-F)	/	114.3	/	800(0)
MSE1(-F)	140	114.3	88.9	800(0)
MSF4(-F)	90	133	114.3	800(0)
MSF8(-F)	/	133	/	1,000(0)
MSF9(-F)	/	133	/	1,200(0)
MSF10(-F)	90	133	114.3	1,200(0)
MSF11(-F)	/	133	/	800(0)
MSF13(-F)	90	133	114.3	1,000(0)

H4 = Variable length (depending on the light point height)

H5 = Total length of pole (depending on the light point height)

Poles

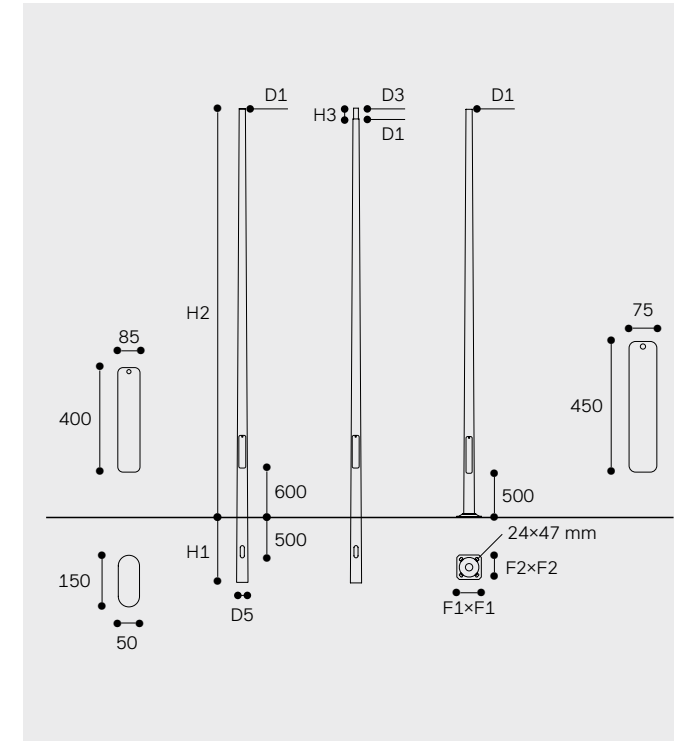
Conical Poles MKS



Service door surface-mounted

Pole	H2 [mm]	D1 [mm]	D5 [mm]	H1 [mm]	F1×F1 [mm]	F2×F2 [mm]	D6 [mm]
MKS-01(-F)	3,000	60	95(90)	500(0)	260 × 260	200 × 200	22
MKS-02(-F)	3,500	60	100(95)	500(0)	260 × 260	200 × 200	22
MKS-03(-F)	4,000	60	105(100)	500(0)	260 × 260	200 × 200	22
MKS-04(-F)	4,500	60	110(105)	500(0)	260 × 260	200 × 200	22
MKS-05(-F)	5,000	60	115(110)	500(0)	260 × 260	200 × 200	22
MKS-06(-F)	5,500	60	120(115)	500(0)	260 × 260	200 × 200	22
MKS-07(-F)	6,000	60	128(120)	800(0)	260 × 260	200 × 200	22
MKS-08(-F)	7,000	60	138(130)	800(0)	260 × 260	200 × 200	22
MKS-09(-F)	8,000	60	148(140)	800(0)	300 × 300	220 × 220	25
MKS-10(-F)	9,000	60	158(150)	800(0)	300 × 300	220 × 220	25
MKS-11(-F)	10,000	60	168(160)	800(0)	300 × 300	220 × 220	25

Conical Poles MKF / M-DFC



Service door flush-mounted

Pole	H2 [mm]	H3 [mm]	D1 [mm]	D3 [mm]	D5 [mm]	H1 [mm]	F1×F1 [mm]	F2×F2 [mm]
MKF-01(-F)	3,000	/	60	/	110(102)	600(0)	300 × 300	200 × 200
MKF-02(-F)	3,500	/	60	/	117(109)	600(0)	300 × 300	200 × 200
MKF-03(-F)	4,000	/	60	/	127(116)	800(0)	300 × 300	200 × 200
MKF-04(-F)	4,500	/	60	/	134(123)	800(0)	300 × 300	200 × 200
MKF-05(-F)	5,000	/	60	/	130(130)	800(0)	300 × 300	200 × 200
MKF-06(-F)	5,500	/	60	/	130(137)	800(0)	300 × 300	200 × 200
MKF-14(-F)	6,000	/	60	/	158(144)	1,000(0)	300 × 300	200 × 200
MKF-07(-F)	4,000	/	76	/	129(120)	800(0)	300 × 300	200 × 200
MKF-08(-F)	5,000	/	76	/	140(131)	800(0)	300 × 300	200 × 200
MKF-09(-F)	6,000	/	76	/	153(142)	1,000(0)	410 × 410	300 × 300
MKF-10(-F)	7,000	/	76	/	166(153)	1,200(0)	410 × 410	300 × 300
MKF-11(-F)	8,000	/	76	/	177(164)	1,200(0)	410 × 410	300 × 300
MKF-12(-F)	9,000	/	76	/	191(202)	1,500(0)	410 × 410	300 × 300
MKF-13(-F)	10,000	/	76	/	203(216)	1,500(0)	450 × 450	300 × 300
M-DFC-10	5,000	90	97	76	155	800	/	/
M-DFC-11	6,000	90	97	76	167	1000	/	/
M-DFC-12	7,000	90	97	76	179	1200	/	/

FA

A-Series



FA770

Model	LPH [m] ①	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
FA410-W	/	0.09	0.03	10.0	1-2	1,000-7,700	10-65	/	410	85	230
FA770	2.5-6	0.18	1.38	95.0*	1-4	1,000-15,500	10-135	770	/	85	230
FA770-W	/	0.16	0.06	14.5	1-4	1,000-15,500	10-135	/	700	85	230
FA1070	6-8	0.29	2.14	176.0**	5-6	4,700-19,100	50-160	1.070	/	108	268

① In 0.5 m steps ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

* Single version with aluminium pole LPH = 6 m and telescopic element with anchor cage ** Single version with aluminium pole LPH = 8 m and telescopic element with anchor cage

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



FA410-W
1-2 Lighting units

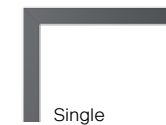


FA770
1-4 Lighting units



FA1070
5-6 Lighting units

Available Designs (also available as pendant)



Single



Double T



Wall-mounted



Double (staggered)

Product Variations



Wall-mounted

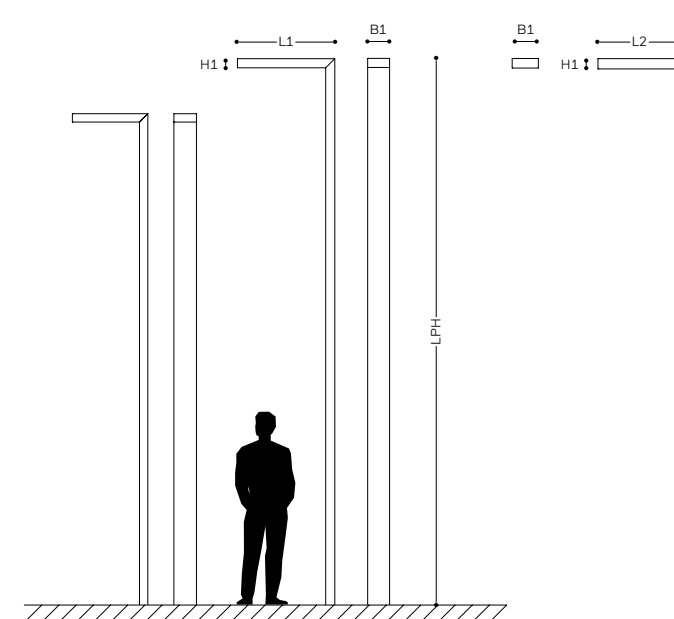


COR-TEN steel



Combination with EL

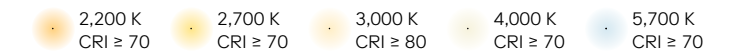
Dimension (values see table)



- Housing accommodates up to 6 lighting units (LU), 16 / 32 / 48 / 64 / 80 / 96 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (FA1070 max. 550 mA)
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Smart Lighting: control modules for different communication standards optionally integrated or via external Zhaga interface
- Various light distributions for area, street, walkway lighting and lighting of pedestrian crossings
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing made of extruded aluminium profile (optional COR-TEN steel)
- Pole made of extruded aluminium profile (optional COR-TEN steel) with cable insertion opening, junction box and service door
- Finish: polyester powder coating, silver grey (RAL 9007 / DB 702), other colours upon request (optionally COR-TEN steel)

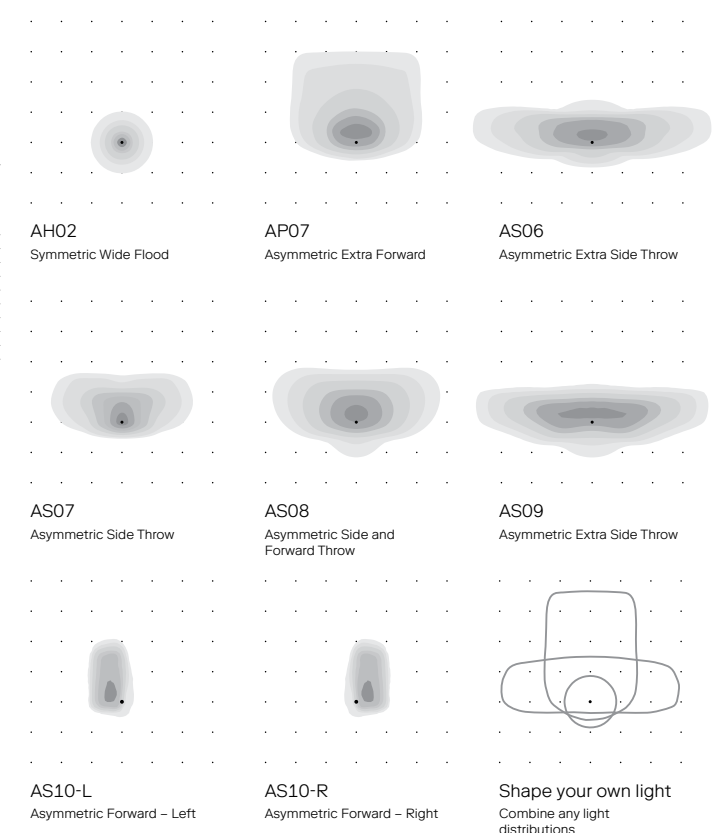


Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions (also available in satiné version)



FA

LightTile



FA770

Model	LPH [m] ^①	↓ ^③	→ ^④	⚠ ^⑤	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 ^⑥	L2 ^⑥	H1 ^⑥	B1 ^⑥
FA410-W	/	0.09	0.03	10.0	2	1,800	24	/	410	85	230
FA770	2.5-6	0.18	1.38	95.0*	2-4	3,600	48	770	/	85	230
FA770-W	/	0.16	0.06	14.5	2-4	3,600	48	/	700	85	230
FA1070	6-8	0.29	2.14	176.0**	5-6	5,500	71	1.070	/	108	268

① In 0.5 m steps ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

* Single version with aluminium pole LPH = 6 m and telescopic element with anchor cage ** Single version with aluminium pole LPH = 8 m and telescopic element with anchor cage

POLE / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations

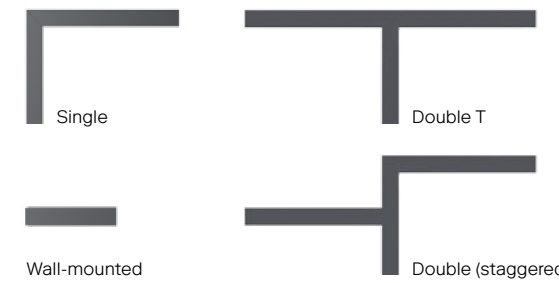


FA410-W
2 Lighting units

FA770
2-4 Lighting units

FA1070
5-6 Lighting units

Available Designs (also available as pendant)



Product Variations

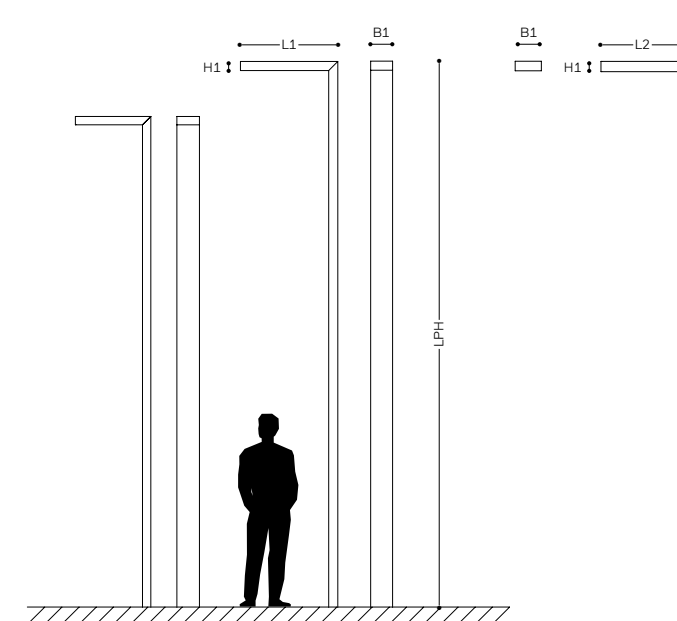


Wall-mounted

COR-TEN steel

Combination with EL

Dimension (values see table)



- Housing accommodates up to 6 lighting units (LU), 64 / 96 / 128 / 160 / 192 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface
- Various light distributions for area, street and walkway lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing made of extruded aluminium profile (optional COR-TEN steel)
- Pole made of extruded aluminium profile (optional COR-TEN steel) with cable insertion opening, junction box and service door
- Finish: polyester powder coating, silver grey (RAL 9007 / DB 702), other colours upon request (optionally COR-TEN steel)

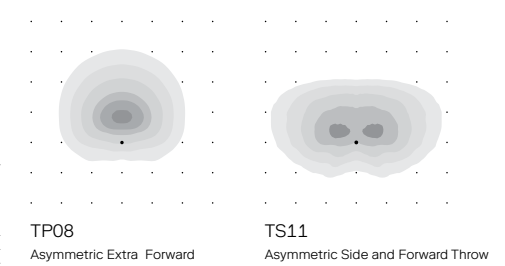


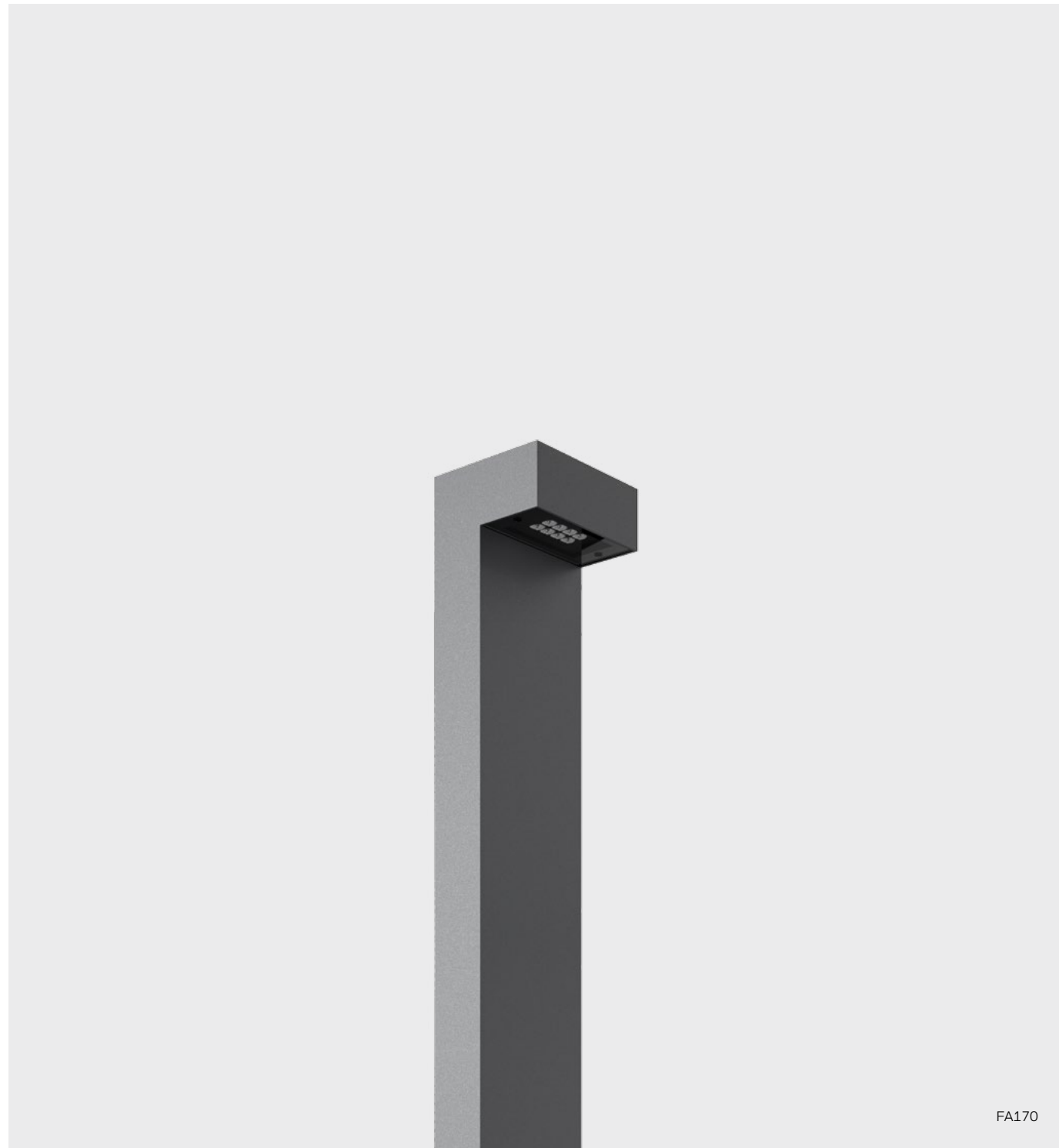
Colour Temperatures



Standard CRI ≥ 80, upon request CRI ≥ 90

Light Distributions





Model	LPH [m] ①	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	H1 ⑥	B1 ⑥
FA170	1	0.04	0.20	18.5"	1	500-1,900	5-17	178	80	200
FA170	1-4	0.04	0.80	46.5"	1	500-1,900	5-17	178	80	200
FA100-W	/	0.02	0.02	4.5	1	500-1,500	5-13	100	80	200

① In 0.5 m steps ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

* Single version with aluminium pole LPH = 1 m and buried base ** Single version with aluminium pole LPH = 4 m and buried base

Models / Equipment Variations



FA170
1 Lighting unit

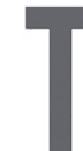


FA100-W
1 Lighting unit

Available Designs



Single



Double T



Wall-mounted

Surface



Wall-mounted
polyester powder
coated



Pole luminaire/bollard
polyester powder
coated



Pole luminaire/bollard
COR-TEN steel

- Housing accommodates 1 lighting unit (LU), 8 LEDs
- Current feed: 200-700 mA, depending on ambient temperature (FA100-W 200-550 mA)
- Product compatible with A-Series
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Various light distributions for area, street and walkway lighting
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing made of extruded aluminium profile (optional COR-TEN steel)
- Pole made of extruded aluminium profile (optional COR-TEN steel) with cable insertion opening, junction box and service door
- Finish: polyester powder coating, silver grey (RAL 9007 / DB 702), other colours upon request (optionally COR-TEN steel)

⊕ □ IP66 RoHS IK08

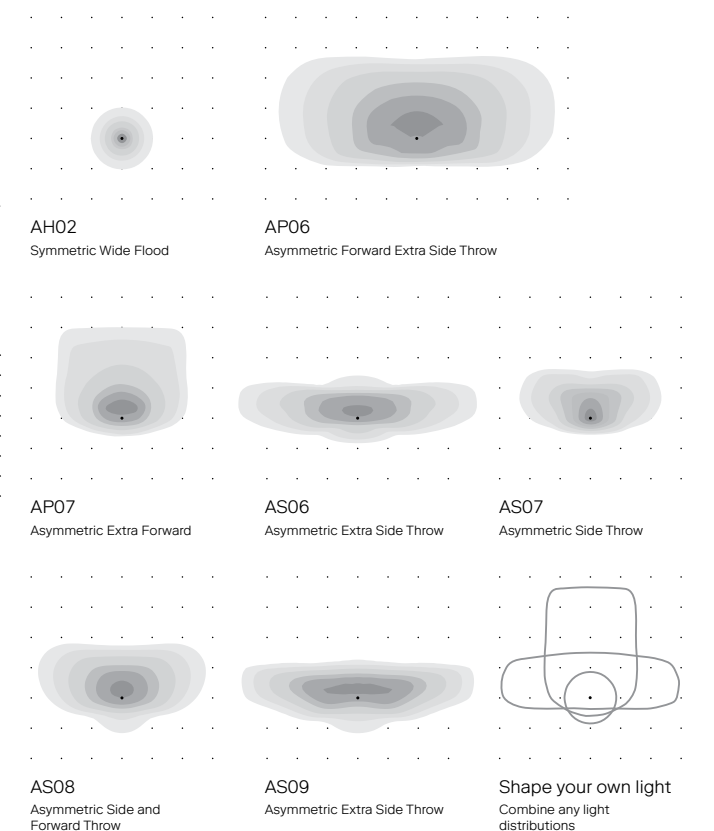


Colour Temperatures

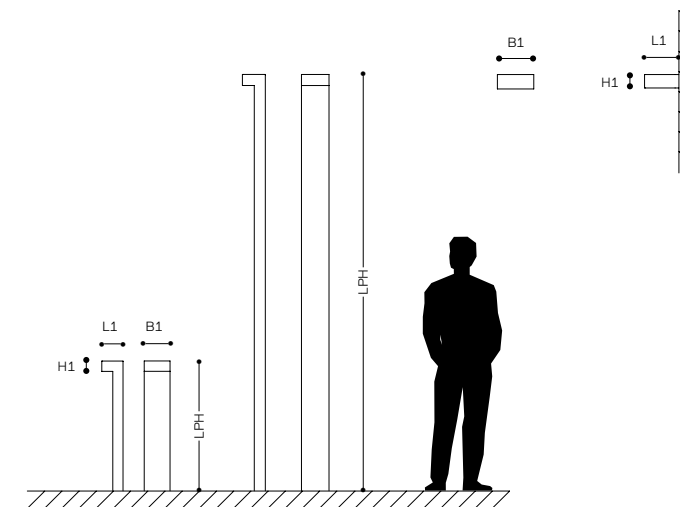
2,200 K CRI ≥ 70 2,700 K CRI ≥ 70 3,000 K CRI ≥ 80 4,000 K CRI ≥ 70 5,700 K CRI ≥ 70

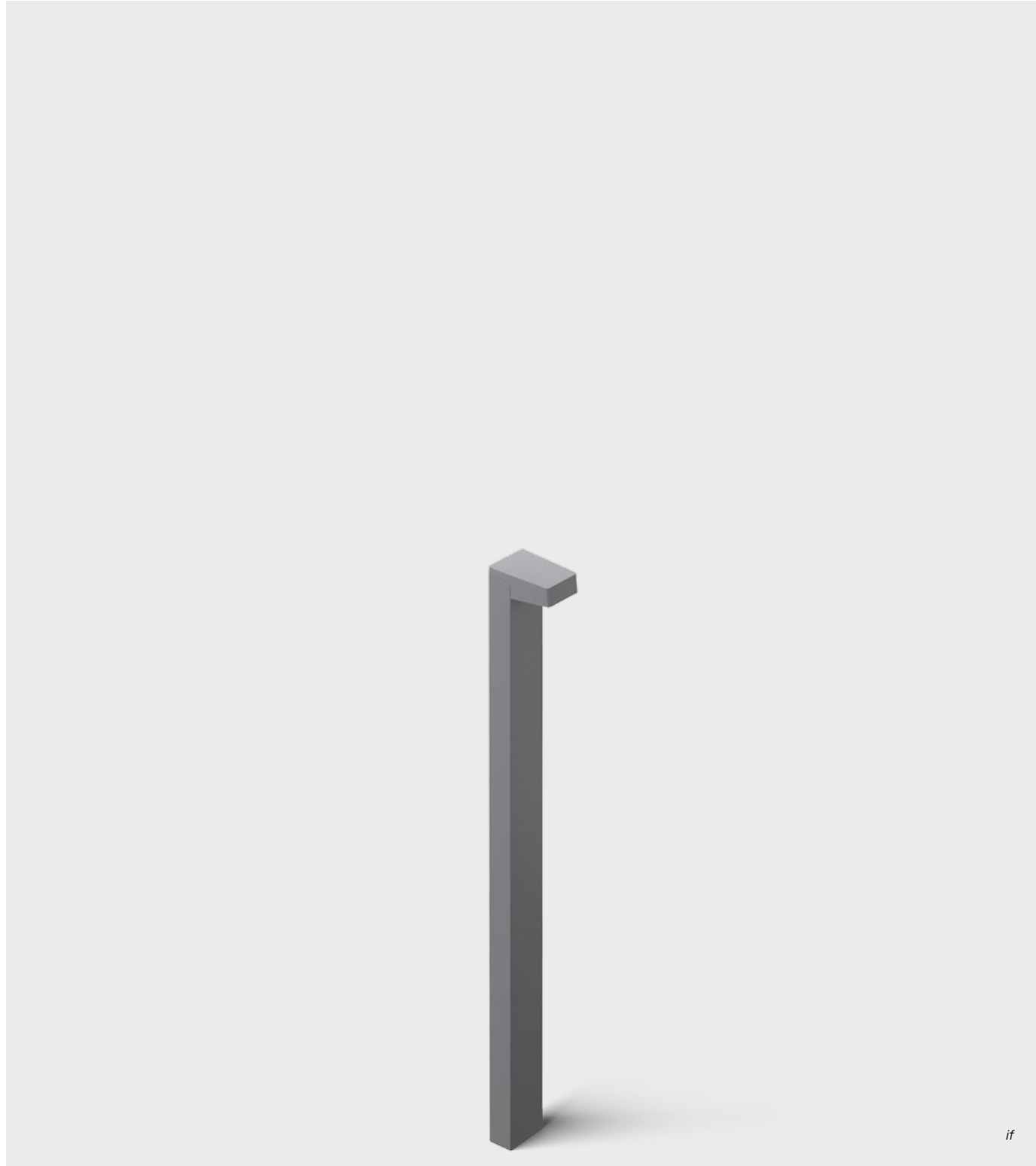
CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions (also available in satiné version)



Dimension (values see table)





Model	LPH [m] ①	↓ ③	→ ④	⚖ ⑤	LU	Luminous Flux [lm]	Power [W]	L1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
if	0.9	0.01	0.07	2.5	1	280-350	5	109	/	40	74
if-W	/	0.01	0.01	0.5	1	280-350	5	/	115	40	74

① Other LPH available upon request ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

BOLLARDS / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Available Designs



Single



Wall-mounted

Accessory



Ground Spike

- Housing accommodates 1 lighting unit (LU), 4 LEDs
- Current feed: 250 mA
- Product compatible with A-Series
- Electronic control gear integrated
- Various light distributions for walkway lighting
- Lens made from PMMA
- Die-cast aluminum housing
- Pole made of extruded aluminium profile
- Finish: polyester powder coating, silver grey (RAL 9007 / DB 702), other colours upon request

⊕ □ IP65 / IP22 RoHS IK05



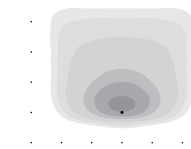
Colour Temperatures

- 2,200 K CRI ≥ 70
- 2,700 K CRI ≥ 70
- 3,000 K CRI ≥ 80
- 4,000 K CRI ≥ 70

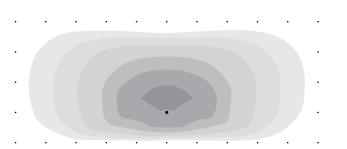
CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)

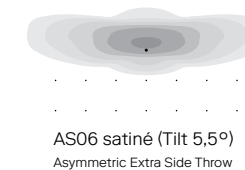
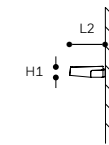
Light Distributions



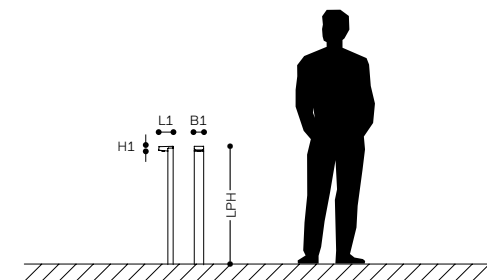
AP05 satiné (Tilt 5,5°)
Asymmetric Extra Forward



AP06 satiné (Tilt 5,5°)
Asymmetric Forward Extra Side Throw



AS06 satiné (Tilt 5,5°)
Asymmetric Extra Side Throw





Model	LPH [m] ①	↓ ③	→ ④	⚠ ⑤	LU	Luminous Flux [lm]	Power [W]	D1 ⑥	L2 ⑥	H1 ⑥	B1 ⑥
ifround	0.9	0.02	0.07	3.0	1	190-730	2.5-7.0	140	/	40	75
ifround-W	/	0.02	0.01	0.8	1	190-730	2.5-7.0	140	152	40	75

① Other LPH available upon request ③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

BOLLARDS / WALL MOUNTED SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Available Designs



Single

Wall-mounted

Accessory



Ground Spike

- Housing accommodates 1 lighting unit (LU), 4 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic control gear integrated
- Various light distributions for walkway lighting
- Lens made from PMMA
- Cover in single-pane safety glass (ESG), satin-finished
- Die-cast aluminum housing
- Pole made of extruded aluminium profile
- Finish: polyester powder coating, silver grey (RAL 9007 / DB 702), other colours upon request



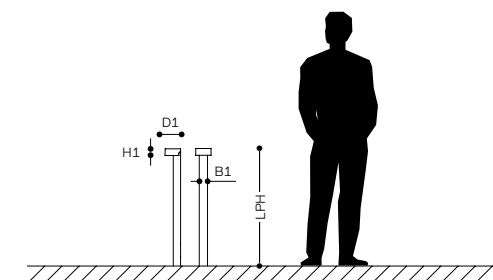
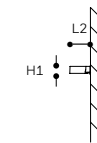
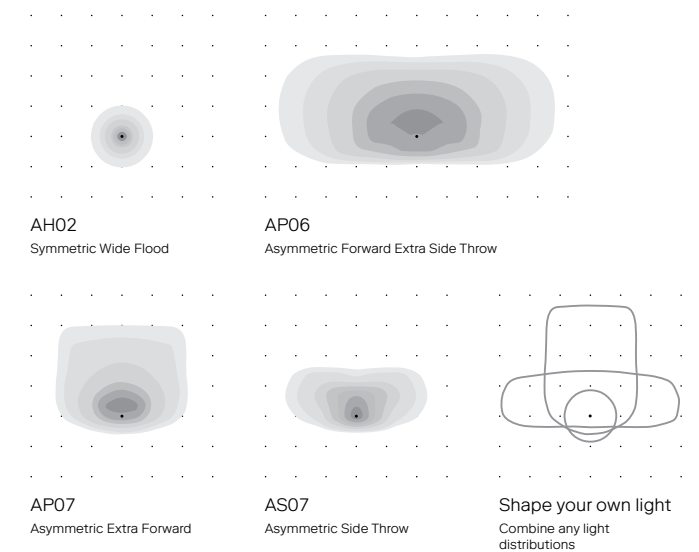
Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)

Light Distributions





Model	③	④	⑤	Elements	Luminous Flux [lm]	Power [W]	L1⑥	H1⑥	B1⑥
EL380	0.02	0.10	13.5*	1	300-1,100	10-20	230	447	85
EL710	0.02	0.17	17.0*	1	300-1,100	10-20	230	722	85
EL1250	0.02	0.29	27.0*	1	300-7,500	10-65	230	1,242	85
EL2000	0.02	0.46	64.0**	1-2	300-15,100	10-130	230	2,000	85
EL3000	0.02	0.69	77.0**	1-3	300-22,700	10-190	230	3,000	85
EL4000	0.02	0.92	90.0**	1-4	300-30,300	10-265	230	4,000	85
EL5000	0.02	1.15	103.0**	1-5	300-37,900	10-330	230	5,000	85
EL6000	0.02	1.38	116.0**	1-6	300-45,500	10-390	230	6,000	85

③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

* Buried base included ** Telescopic element included with anchor cage

Models / Equipment Variations



Pedestrian Path /
Accent lighting element
1 Lighting unit

Façade /
Object lighting element
1-3 Lighting units

Product Variations



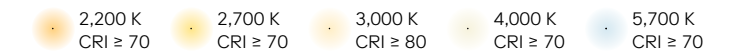
Surface:
Aluminium polyester
powder coated

Surface:
COR-TEN steel

Combination with FA

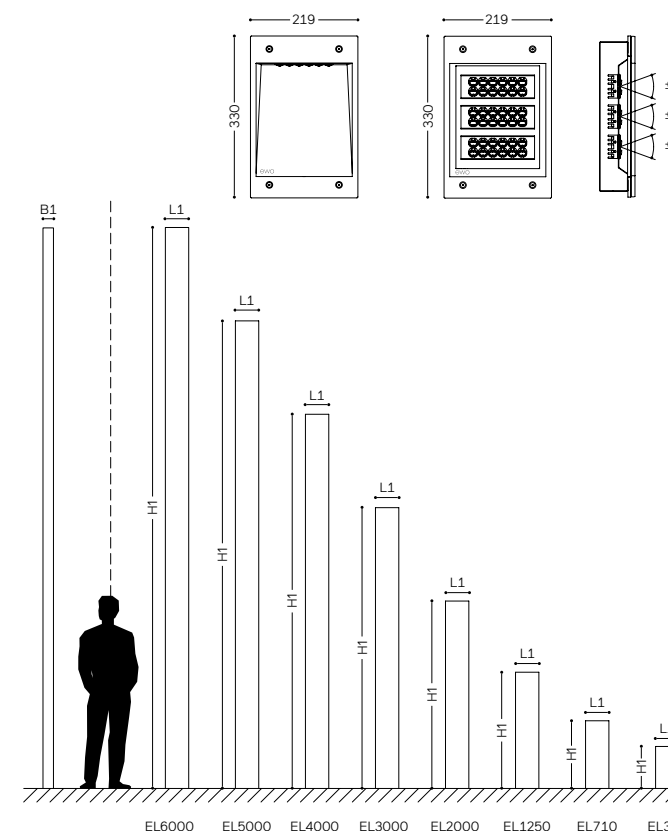


Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version – spot optics excluded)





Model	③	④	⑤	Elements	Luminous Flux [lm]	Power [W]	L1⑥	H1⑥	B1⑥
EL380	0.02	0.10	13.5*	1	2,700	36	230	447	85
EL710	0.02	0.17	17.0*	1	2,700	36	230	722	85
EL1250	0.02	0.29	27.0*	1	2,700	36	230	1,242	85
EL2000	0.02	0.46	64.0**	1-2	5,400	72	230	2,000	85
EL3000	0.02	0.69	77.0**	1-3	8,100	108	230	3,000	85
EL4000	0.02	0.92	90.0**	1-4	10,800	144	230	4,000	85
EL5000	0.02	1.15	103.0**	1-5	13,500	180	230	5,000	85
EL6000	0.02	1.38	116.0**	1-6	16,200	216	230	6,000	85

③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

* Buried base included ** Telescopic element included with anchor cage

Models / Equipment Variations



Pedestrian Path / Accent lighting element
2-3 Lighting units

Product Variations



Surface:
Aluminium polyester
powder coated



Surface:
COR-TEN steel



Combination with FA

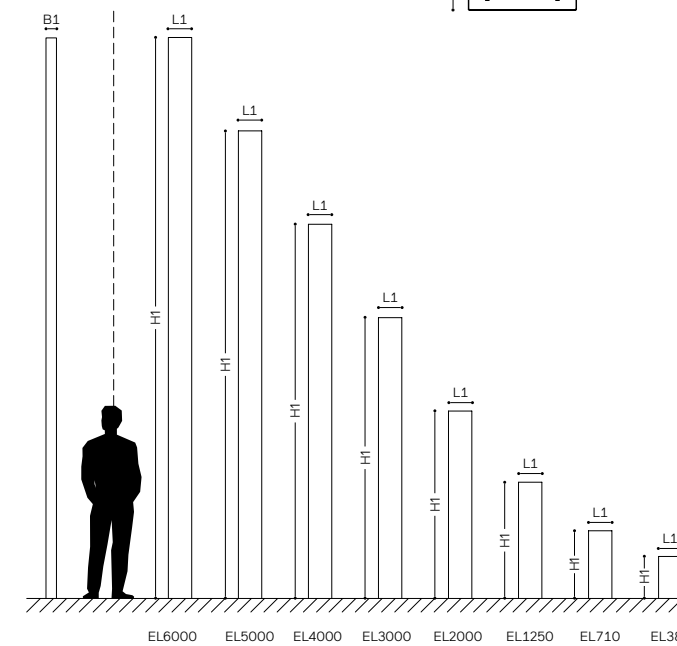
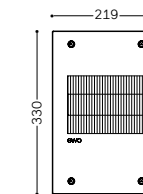
⊕ □ IP66 RoHS IK10
CE

Colour Temperatures

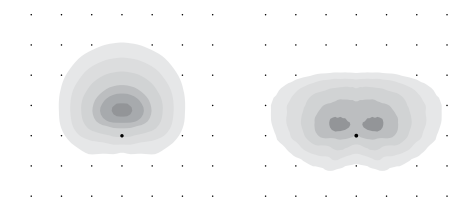


Standard CRI ≥ 80, upon request CRI ≥ 90

Dimension (values see table)



Light Distributions



TP08
Asymmetric Extra Forward

TS11
Asymmetric Side and Forward Throw

ZA

A-Series



Model	LPH [m]	↓ ^③	→ ^④	⚠ ^⑤	LU	Luminous Flux [lm]	Power [W]	D1 ^⑥	H1 ^⑥	H2 ^⑥
ZA190	3.5	0.03	0.69	45.0	4	1,100–3,700	10–30	190	3,650	1,700

③ Projected windage area [m²] ④ Lateral windage area [m²] ⑤ Max. weight ③ ④ ⑤ Pole included ⑥ [mm]

LIGHT COLUMN

CONSTANTLY UPDATED DATA:
configurator.ewo.com

- Housing accommodates up to 4 lighting units (LU), 4 LEDs
- Current feed: 200–700 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic operating device with DALI, 1–10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Various light distributions for area, street and walkway lighting
- Lens made from PMMA
- Base body made of aluminum, PMMA tube (satiné)
- Flush service door with junction box
- Finish: polyester powder coating, anthracite (DB 703), other colours upon request

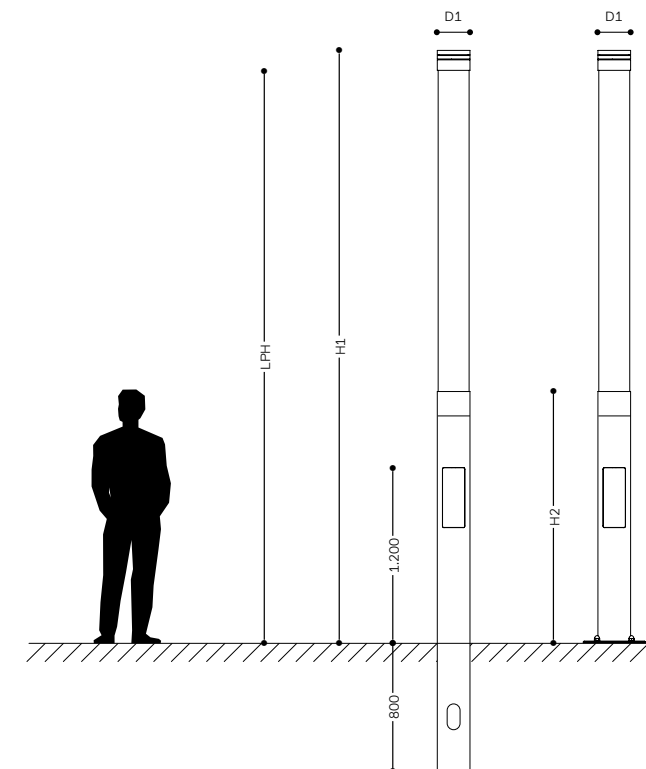
⊕ □ IP66 RoHS IK08
CE

Colour Temperatures

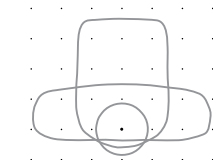
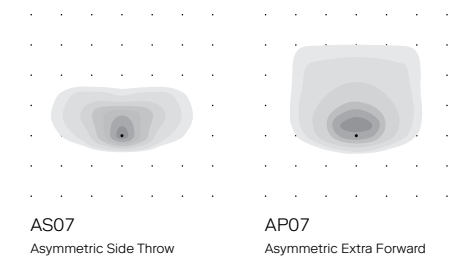
● 2,200 K CRI ≥ 70
 ● 2,700 K CRI ≥ 70
 ● 3,000 K CRI ≥ 80
 ● 4,000 K CRI ≥ 70
 ● 5,700 K CRI ≥ 70

CRI ≥ 80, other colour rendering indexes available upon request

Dimension (values see table)



Light Distributions (also available in satiné version)



Shape your own light
Combine any light distributions

IDstandard

A-Series



Model	Ⓢ	LEDs	Luminous Flux [lm]	Power [W]	L1 [Ⓠ]	B1 [Ⓠ]
IDstandard	0.18	1	50-140	0.6-1.5	125	34
IDstandard	0.18	2	100-290	1.2-3.0	125	34

Ⓢ Max. weight without tube Ⓠ [mm]

LINEAR SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IDstandard
1-2 LEDs

- Housing accommodates up to 2 lighting units (LU), 1 / 2 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request, externally mounted
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Various light distributions for walkway lighting and others
- Lens made from PMMA
- Luminaire housing in aluminium, silver anodised
- Cover in PMMA



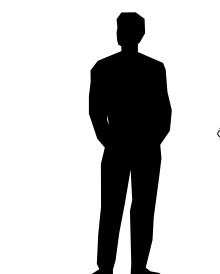
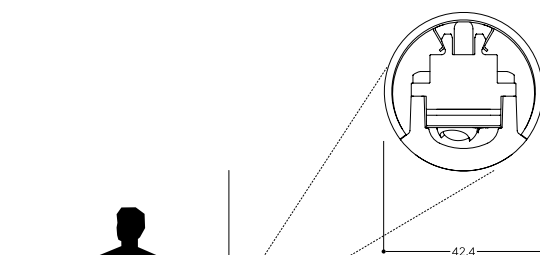
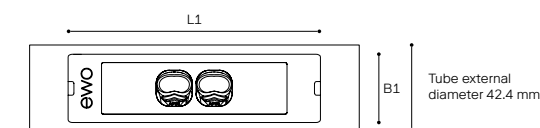
Protection class III (<18 LED)

Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

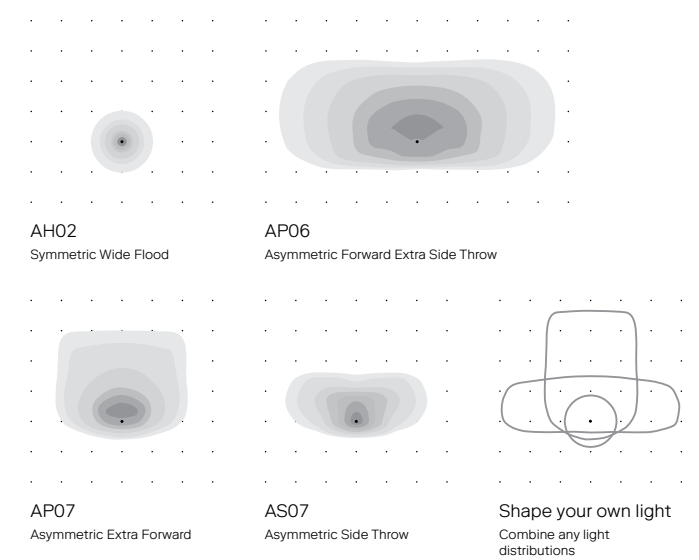
Dimension (values see table)



Standard tube external diameter: 42.4 mm
Upon request: 44.4 mm
Thickness: 2 mm

Cross-section M 1:2

Light Distributions



IDplus

A-Series



IDplus 1 LED



IDplus 1 LED

Model	Ⓢ	LEDs	Luminous Flux [lm]	Power [W]	L1 [Ⓢ]	B1 [Ⓢ]
IDplus	0.17	1	50-140	0.6-1.5	105	34
IDplus	0.19	2	100-290	1.2-3.0	125	34
IDplus	0.21	3	150-430	1.8-4.6	145	34
IDplus	0.23	4	200-580	2.4-6.1	165	34

Ⓢ Max. weight without tube Ⓢ [mm]

LINEAR SYSTEMS

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IDplus
1-4 LEDs

- Housing accommodates up to 4 lighting units (LU), 1 / 2 / 3 / 4 LEDs
- Current feed: 200-500 mA, depending on ambient temperature
- Product compatible with A-Series
- Electronic operating device with DALI, 1-10 V interface, stand-alone programming or Line Switch available upon request, external Driver
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Various light distributions for walkway lighting and others
- Lighting unit continuously adjustable +/- 6°
- Lens made from PMMA
- Luminaire housing in aluminium, anodised, black matt, RAL 9005
- Cover in PMMA



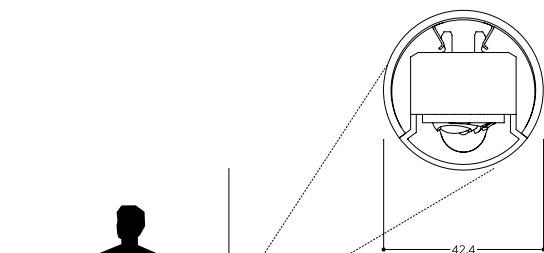
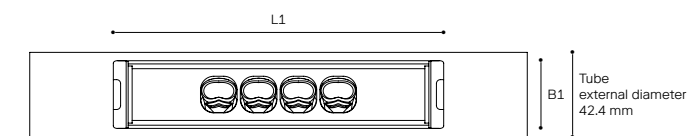
Protection class III (<18 LED)

Colour Temperatures



CRI ≥ 80, other colour rendering indexes available upon request

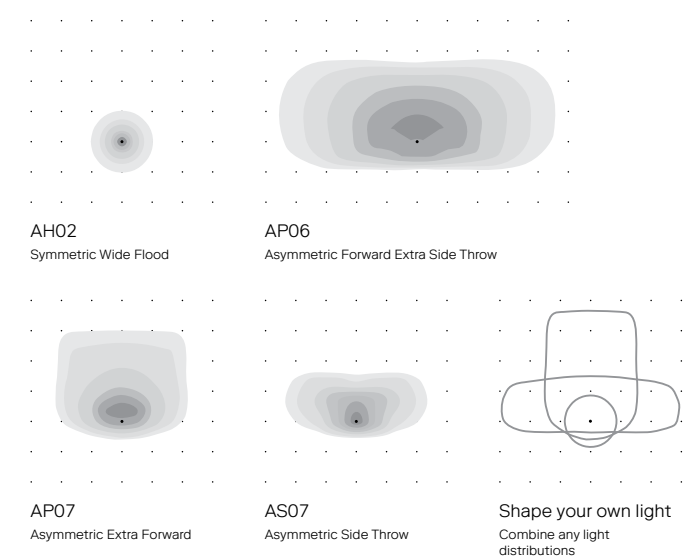
Dimension (values see table)



Tube external diameter: 42.4 mm
Thickness: 2 mm

Cross-section M 1:2

Light Distributions





RECESSED WALL LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IN 1 → 1 Lighting unit



IN 2 → 2 Lighting units



IN 3 → 3 Lighting units

Available Designs



Recessed wall luminaire IN 1-IN 3-V04 (90° single LED row)

Accessory



Plasterkit



Stainless steel frame

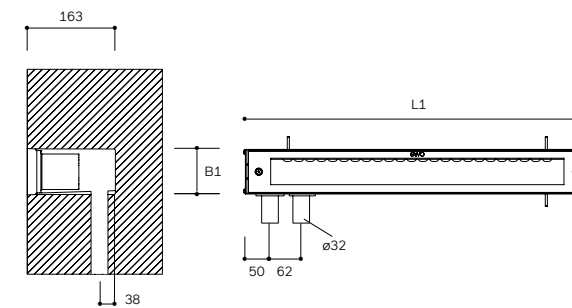


Colour Temperatures

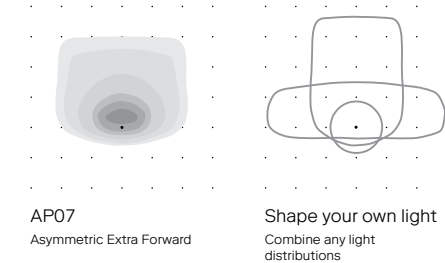


Other colour rendering indexes available upon request

Dimension (values see table)

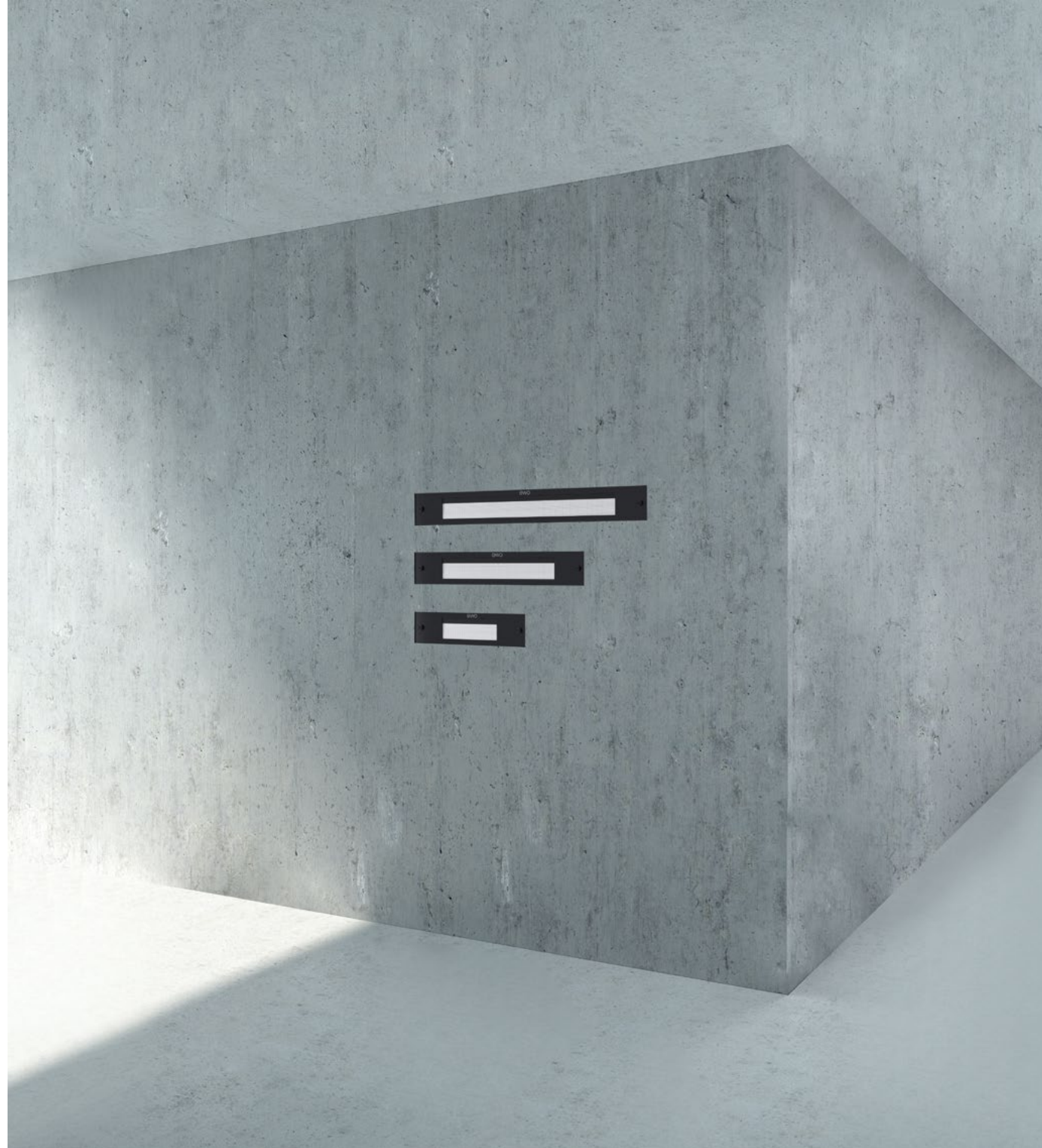


Light Distributions



Model	Ⓟ	LU	Luminous Flux [lm]	Power [W]	L1 [Ⓠ]	B1 [Ⓠ]
IN 1	4.5	1	210-620	5-12	342	86
IN 2	6.5	2	410-1,000	10-19	502	86
IN 3	8.5	3	620-1,500	15-29	662	86

Ⓟ Max. weight Ⓠ [mm]



RECESSED WALL LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IN 1 → 1 Lighting unit



IN 2 → 2 Lighting units

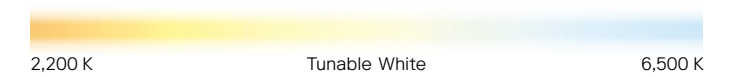


IN 3 → 3 Lighting units

- Housing accommodates up to 3 lighting units (LU), 32 / 64 / 96 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface, externally mounted for IN 1 and IN 2
- Various light distributions for area, walkway or indoor lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing in aluminium, coated black matt RAL 9005



Colour Temperatures



Standard CRI ≥ 80, upon request CRI ≥ 90

Accessory

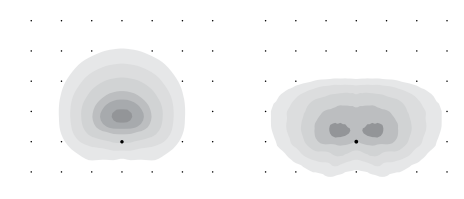


Plasterkit



Stainless steel frame

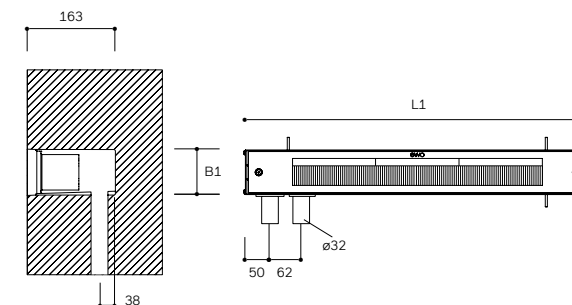
Light Distributions



TP08
Asymmetric Extra Forward

TS11
Asymmetric Side and Forward Throw

Dimension (values see table)



Model	Ⓟ	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 [Ⓠ]	B1 [Ⓠ]
IN 1	4.5	1	900	12	342	86
IN 2	6.5	2	1,800	24	502	86
IN 3	8.5	3	2,700	36	662	86

Ⓟ Max. weight Ⓠ [mm]



Model	Ⓢ	LU	Luminous Flux [lm]	Power [W]	L1 [Ⓣ]	B1 [Ⓣ]
IN 1	4.5	1	340–2,100	5–20	342	86
IN 2	6.5	2	670–3,500	10–35	502	86
IN 3	8.5	3	1,000–5,300	15–55	662	86
IN 4	10.5	4	1,400–7,000	20–75	822	86
IN 5	12.5	5	1,700–7,900	25–85	982	86

Ⓢ Max. weight Ⓣ [mm]

CEILING MOUNT / IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IN 1 → 1 Lighting unit



IN 2 → 2 Lighting units



IN 3 → 3 Lighting units



IN 4 → 4 Lighting units



IN 5 → 5 Lighting units

Available Designs



Recessed in-ground IN 1-IN 5-V01 (double LED rows)

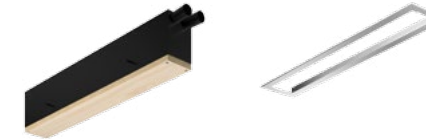


Recessed in-ground IN 1-IN 5-V02 (central, single LED row)



Recessed ceiling and in-ground IN 1-IN 3-V03 (single, staggered LED row)

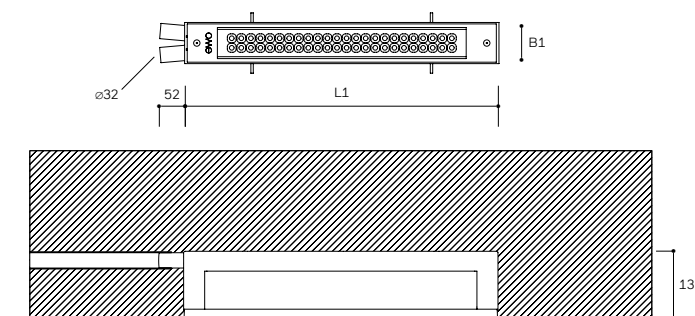
Accessory



Plasterkit

Stainless steel frame

Dimension (values see table)



- Housing accommodates up to 5 lighting units (LU), 8 / 16 / 32 / 48 / 64 / 80 LEDs
- Current feed: 200–500 mA, depending on ambient temperature
IN 1: 200–500 mA / IN 2: 200–400 mA / IN 3: 200–400 mA
IN 4: 200–400 mA / IN 5: 200–350 mA
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI, 1–10 V interface, stand-alone programming or Line Switch available upon request
- Constant lumen output (CLO) and emergency power supply (AC/DC) available upon request
- Various light distributions for area, walkway or indoor lighting
- Lighting unit adjustable +/- 5°
- Lens made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing in aluminium, coated black matt RAL 9005

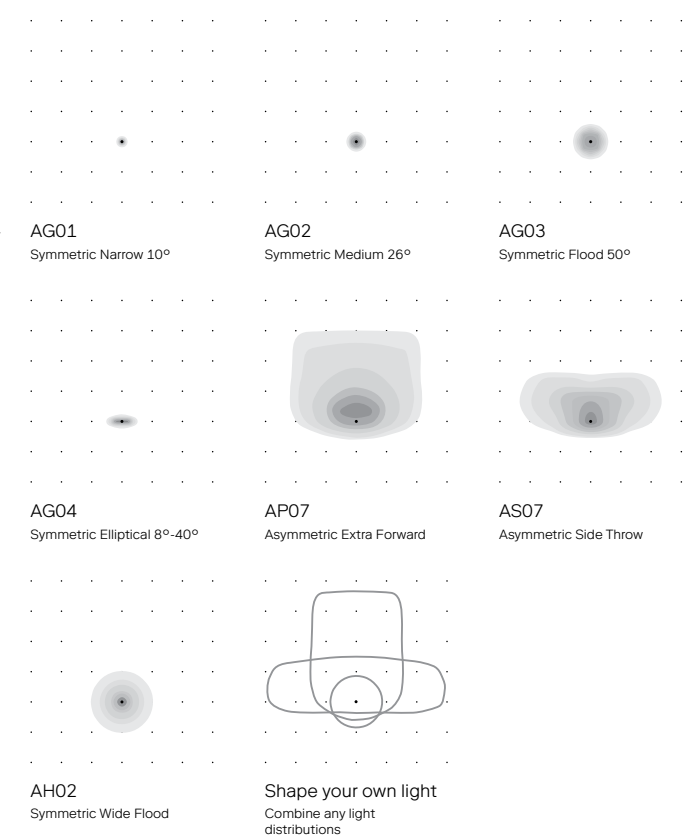


Colour Temperatures



Other colour rendering indexes available upon request

Light Distributions (also available in satiné version – spot optics excluded)





Model	Ⓢ	LU	Max. Luminous Flux [lm]	Max. Power [W]	L1 [Ⓢ]	B1 [Ⓢ]
IN 1	4.5	1	900	12	342	86
IN 2	6.5	2	1,800	24	502	86
IN 3	8.5	3	2,700	36	662	86
IN 4	10.5	4	3,600	48	822	86
IN 5	12.5	5	4,600	60	982	86

Ⓢ Max. weight Ⓢ [mm]

CEILING MOUNT / IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com

Models / Equipment Variations



IN 1 → 1 Lighting unit



IN 2 → 2 Lighting units



IN 3 → 3 Lighting units



IN 4 → 4 Lighting units



IN 5 → 5 Lighting units

- Housing accommodates up to 5 lighting units (LU), 64 / 96 / 128 / 160 LEDs
- Current feed up to 225 mA, depending on ambient temperature
- Product compatible with A-Series and T-Series (LightTile)
- Electronic operating device with DALI T8 interface, externally mounted for IN 1 and IN 2
- Various light distributions for area, walkway or indoor lighting
- Light-guiding panels made from PMMA
- Cover in single-pane safety glass (ESG)
- Housing in aluminium, coated black matt RAL 9005

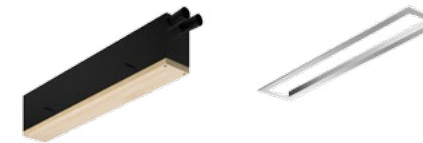


Colour Temperatures



Standard CRI ≥ 80, upon request CRI ≥ 90

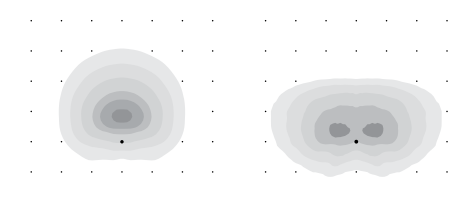
Accessory



Plasterkit

Stainless steel frame

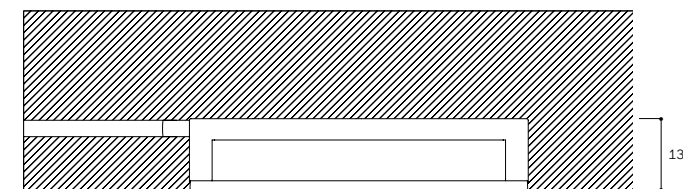
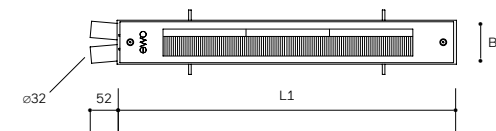
Light Distributions



TP08
Asymmetric Extra Forward

TS11
Asymmetric Side and Forward Throw

Dimension (values see table)



P80

A-Series

PROJECTORS

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials

- Housing in anodised aluminium, silver finish
- Mounting bracket in stainless steel, satin finish
- Cover in tempered safety glass
- Precision lenses in PMMA
- Screws in stainless steel
- Protective vent
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland

Application Area

- Architectural lighting
- Object and effect lighting
- Floor, wall and ceiling mounting

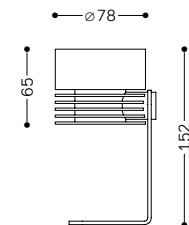
Light Source

- 4 high-power LEDs
- Delivered lumens 100-680 lm
- System Wattage 2.5-8.5 W
- Current Feed 200-700 mA

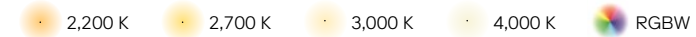
Accessories

- Fixed output or dimmable external driver
- DMX driver and controller
- Ground spike
- Connection cable
- Electrical connector

Max. Weight
0.9 kg

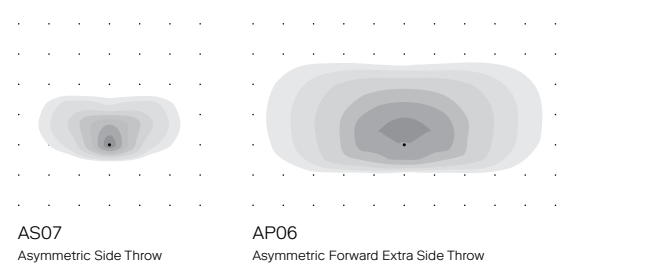
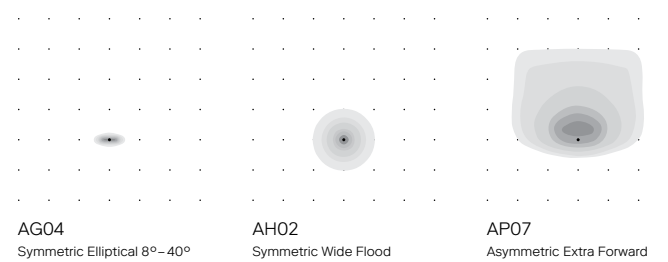
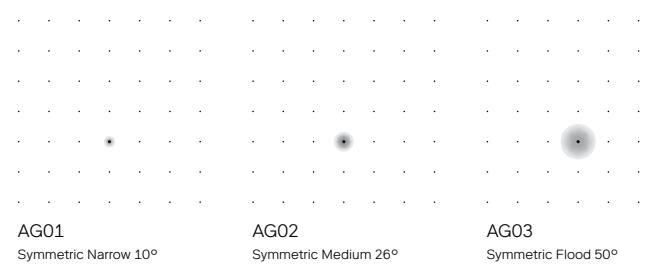


Colour Temperatures



Standard CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions

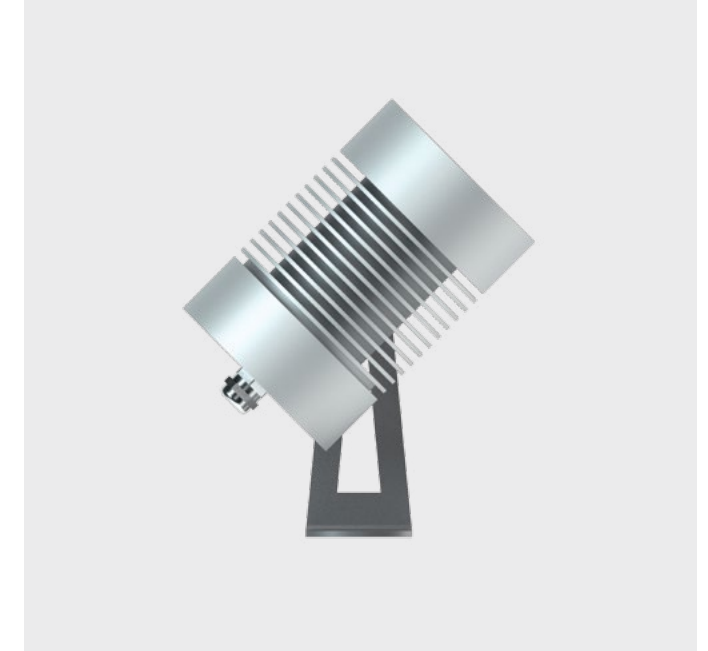


P100

A-Series

PROJECTORS

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials

- Housing in anodised aluminium, silver finish
- Mounting bracket in stainless steel, satin finish
- Cover in tempered safety glass
- Precision lenses in PMMA
- Screws in stainless steel
- Protective vent
- Pre-wired supply cable 1-5 m, complete with water stop device
- Cable gland
- Internal driver

Application Area

- Architectural lighting
- Object and effect lighting
- Floor, wall and ceiling mounting

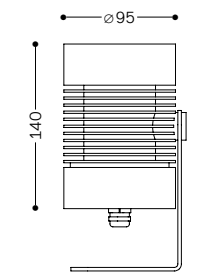
Light Source

- 4 high-power LEDs
- Delivered lumens 165-680 lm
- System Wattage 5.0-9.8 W
- Current Feed 350-700 mA

Accessories

- Ground spike
- Connection cable
- Electrical connector

Max. Weight
1.9 kg

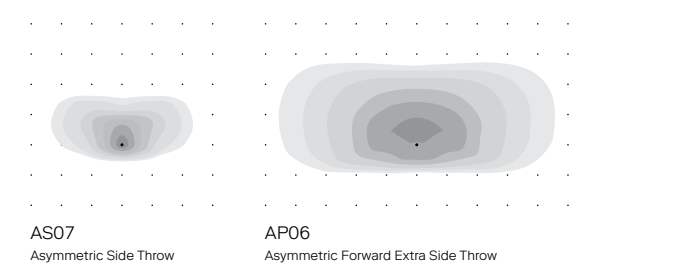
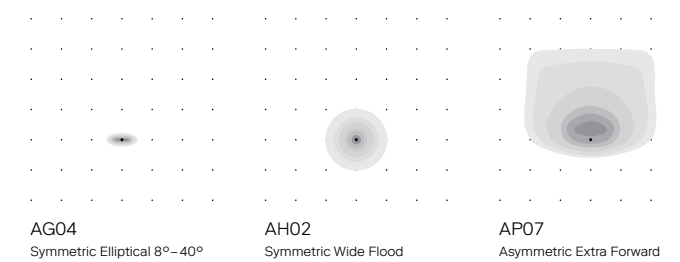
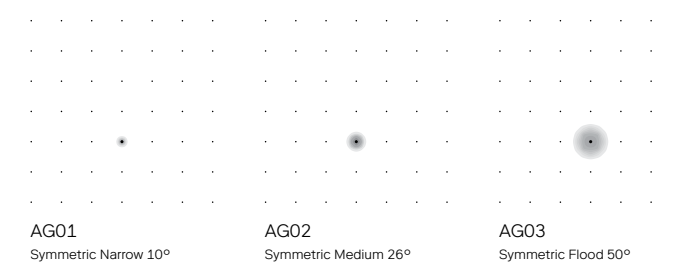


Colour Temperatures



Standard CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions



P130

A-Series

PROJECTORS

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials

- Housing in anodised aluminium, silver finish
- Mounting bracket in stainless steel, satin finish
- Cover in tempered safety glass
- Precision lenses in PMMA
- Screws in stainless steel
- Protective vent
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland

Application Area

- Architectural lighting
- Object and effect lighting
- Floor, wall and ceiling mounting

Light Source

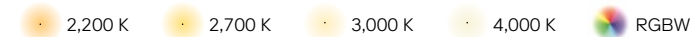
- 8 high-power LEDs
- Delivered lumens 260–1,350 lm
- System Wattage 4.8–17 W
- Current Feed 200–700 mA

Accessories

- Fixed output or dimmable external driver
- DMX driver and controller
- Ground spike
- Connection cable
- Electrical connector

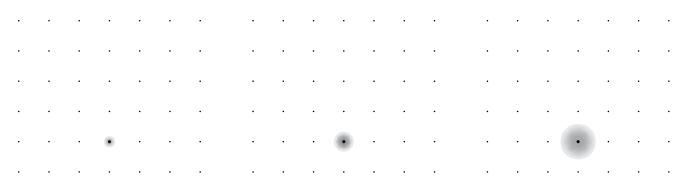
Max. Weight
1.7 kg

Colour Temperatures

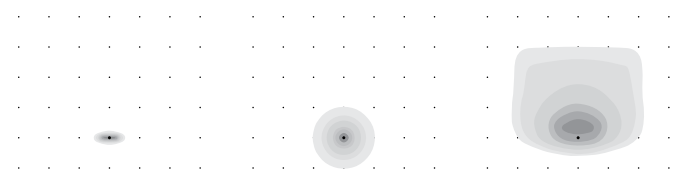


Standard CRI ≥ 80, other colour rendering indexes available upon request

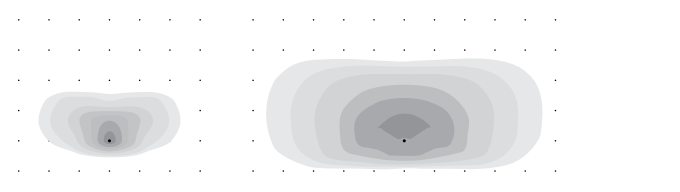
Light Distributions



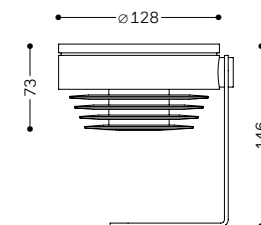
AG01 Symmetric Narrow 10°
AG02 Symmetric Medium 26°
AG03 Symmetric Flood 50°



AG04 Symmetric Elliptical 8°–40°
AH02 Symmetric Wide Flood
AP07 Asymmetric Extra Forward



AS07 Asymmetric Side Throw
AP06 Asymmetric Forward Extra Side Throw



P160

A-Series

PROJECTORS

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials

- Housing in anodised aluminium, silver finish
- Mounting bracket in stainless steel, satin finish
- Cover in tempered safety glass
- Precision lenses in PMMA
- Screws in stainless steel
- Protective vent
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland

Application Area

- Architectural lighting
- Object and effect lighting
- Floor, wall and ceiling mounting

Light Source

- 16 high-power LEDs
- Delivered lumens 520–2,750 lm
- System Wattage 9.7–34 W
- Current Feed 200–700 mA

Accessories

- Fixed output or dimmable external driver
- DMX driver and controller
- Ground spike
- Connection cable
- Electrical connector

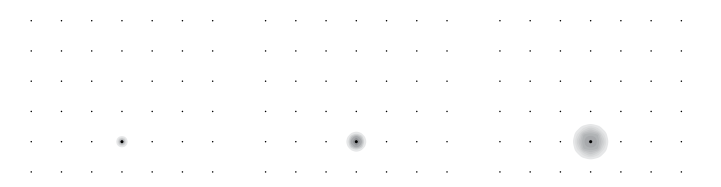
Max. Weight
2.7 kg

Colour Temperatures

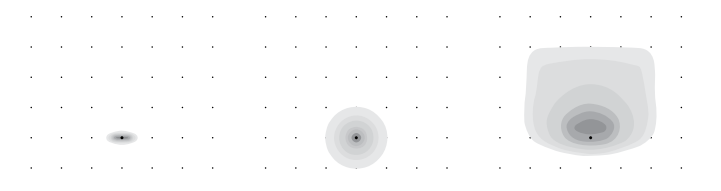


Standard CRI ≥ 80, other colour rendering indexes available upon request

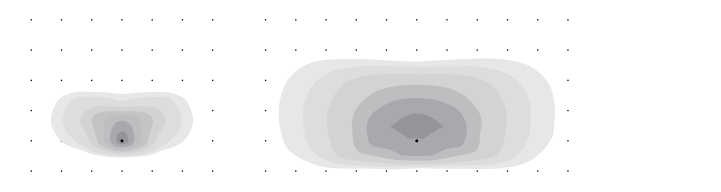
Light Distributions



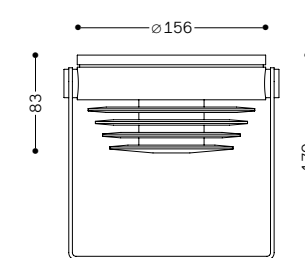
AG01 Symmetric Narrow 10°
AG02 Symmetric Medium 26°
AG03 Symmetric Flood 50°



AG04 Symmetric Elliptical 8°–40°
AH02 Symmetric Wide Flood
AP07 Asymmetric Extra Forward



AS07 Asymmetric Side Throw
AP06 Asymmetric Forward Extra Side Throw

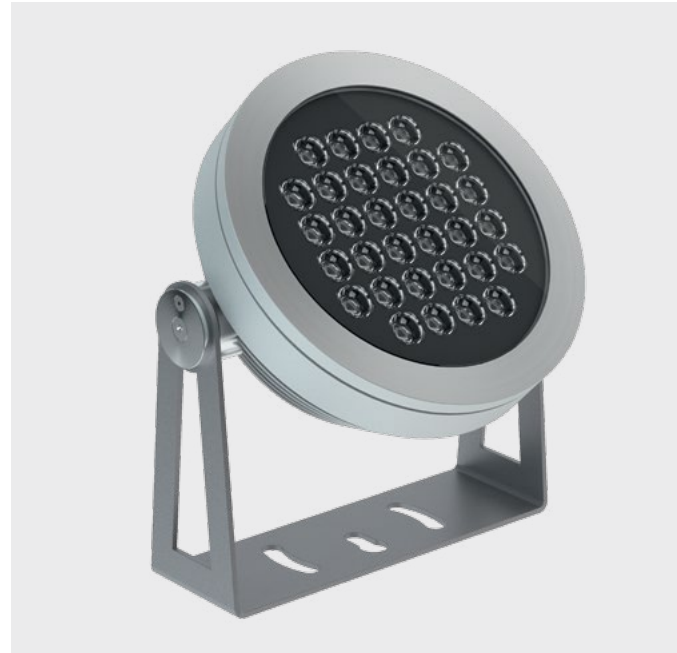


P200

A-Series

PROJECTORS

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials

- Housing in anodised aluminium, silver finish
- Mounting bracket in stainless steel, satin finish
- Cover in tempered safety glass
- Precision lenses in PMMA
- Screws in stainless steel
- Protective vent
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland

Application Area

- Architectural lighting
- Object and effect lighting
- Floor, wall and ceiling mounting

Light Source

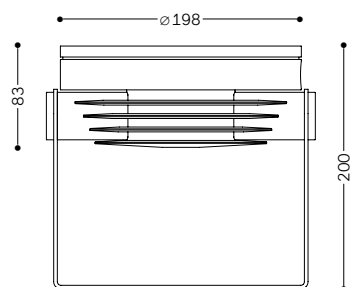
- 24 high-power LEDs
Delivered lumens 780-4,100 lm
System wattage 15-51 W
Current feed 200-700mA
- 32 high-power LEDs
Delivered lumens 1,050-5,500 lm
System Wattage 20-65 W
Current Feed 200-700 mA

Accessories

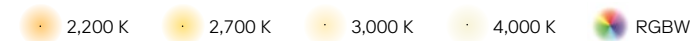
- Fixed output or dimmable external driver
- DMX driver and controller
- Ground spike
- Connection cable
- Electrical connector

Max. Weight
5.3 kg

IP67 RoHS IK08

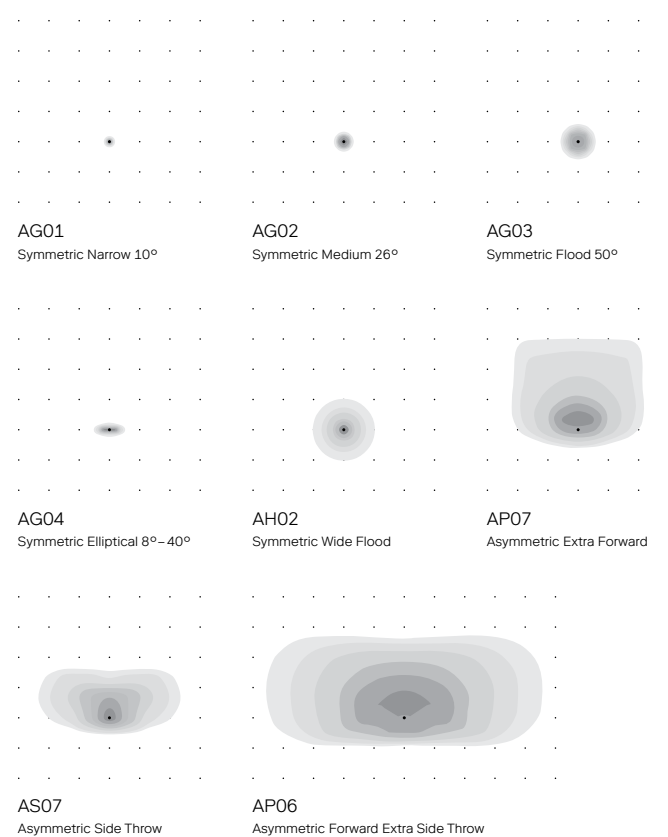


Colour Temperatures



Standard CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions

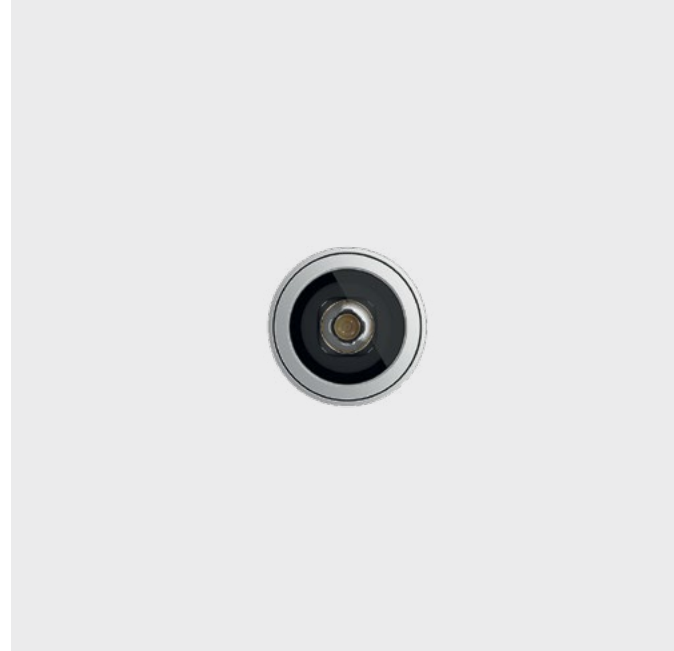


R50

A-Series

IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials / Characteristics

- Housing in aluminium and stainless steel, internally black matt coated RAL 9005
- Recessed mounting sleeve in stainless steel
- Cover in tempered safety glass (3,000 kg pressure load capacity)
- Precision lense in PMMA
- Screws in stainless steel
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland

Application Area

- Architectural lighting
- Object and effect lighting
- Floor mounting

Light Source

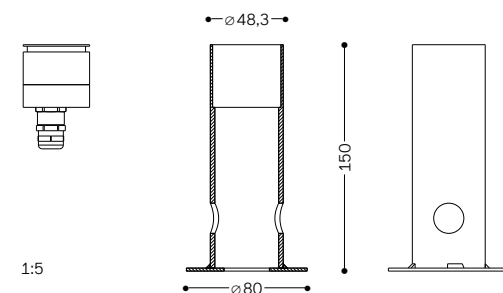
- 1 high-power LED
- Delivered lumens 45-130 lm
- System Wattage 0.6-1.5 W
- Current Feed 200-500 mA

Accessories

- Fixed output or dimmable external driver
- DMX driver and controller
- Connection cable
- Electrical connector

Max. Weight
0.5 kg

IP67 RoHS IK10

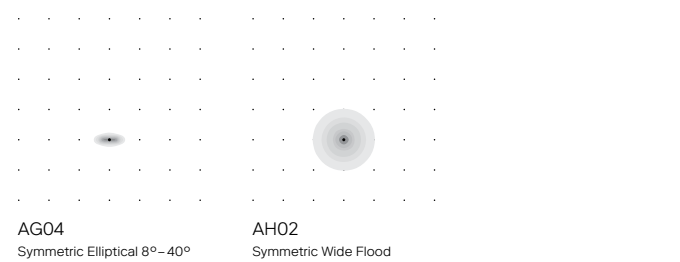
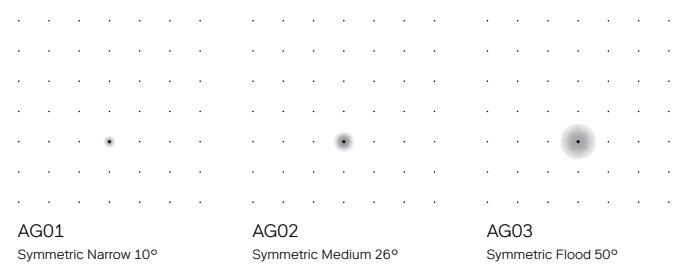


Colour Temperatures



Standard CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions

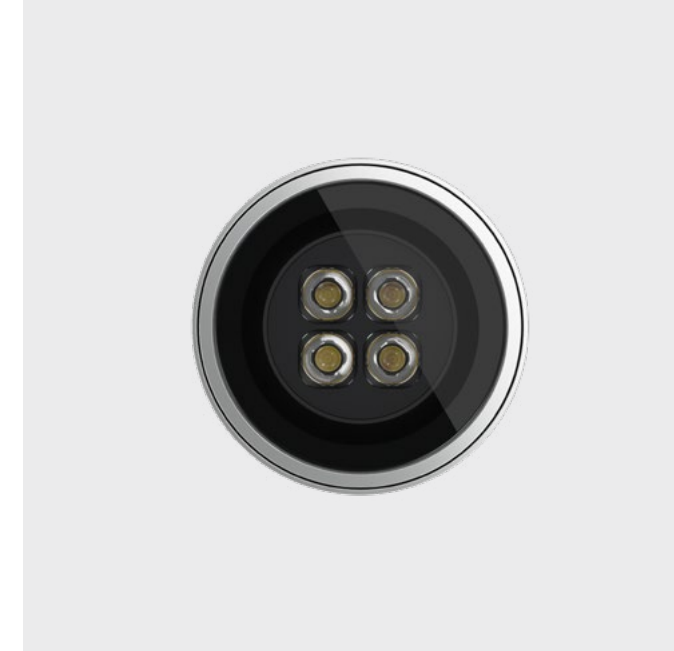


R90

A-Series

IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials / Characteristics

- Housing in aluminium and stainless steel, internally black matt coated RAL 9005
- Recessed mounting sleeve in stainless steel
- Cover in tempered safety glass (3,000 kg pressure load capacity)
- Precision lenses in PMMA
- Screws in stainless steel
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland
- Protective vent
- Lighting unit steplessly adjustable ± 15° in all directions

Application Area

- Architectural lighting
- Object and effect lighting
- Floor mounting

Light Source

- 4 high-power LEDs
- Delivered lumens 170-530 lm
- System Wattage 2.4-6.1 W
- Current Feed 200-500 mA

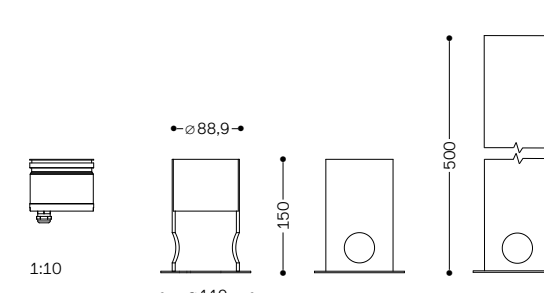
Accessories

- Fixed output or dimmable driver
- DMX driver and controller
- Connection cable
- Electrical connector

Max. Weight

2.0 kg external driver
5.5 kg complete with driver

IP67 RoHS IK10

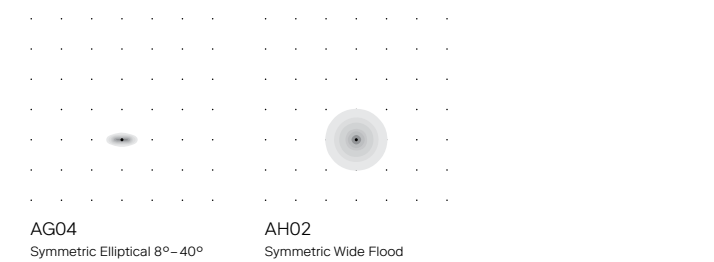
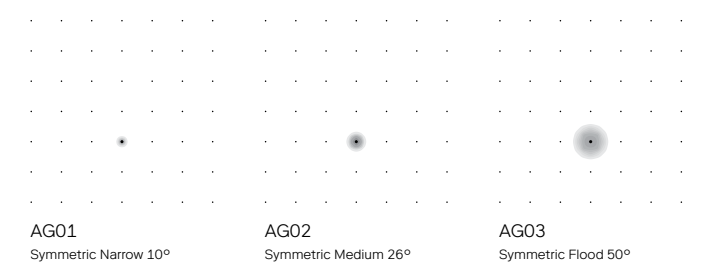


Colour Temperatures



Standard CRI ≥ 80, other colour rendering indexes available upon request

Light Distributions



R130

A-Series

IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials / Characteristics

- Housing in aluminium and stainless steel, internally black matt coated RAL 9005
- Recessed mounting sleeve in stainless steel
- Cover in tempered safety glass (3,000 kg pressure load capacity)
- Precision lenses in PMMA
- Screws in stainless steel
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland
- Protective vent
- Lighting unit steplessly adjustable $\pm 15^\circ$ in all directions

Application Area

- Architectural lighting
- Object and effect lighting
- Floor mounting

Accessories

- Fixed output or dimmable driver
- DMX driver and controller
- Connection cable
- Electrical connector

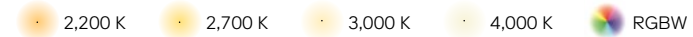
Light Source

- 8 high-power LEDs
- Delivered lumens 260–1,050 lm
- System Wattage 4.8–12 W
- Current Feed 200–500 mA

Max. Weight

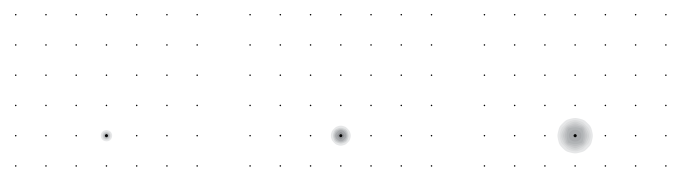
- 3.5 kg external driver
- 8.5 kg complete with driver

Colour Temperatures

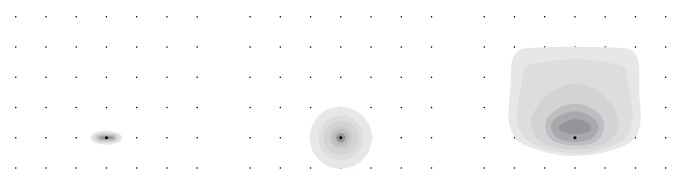


Standard CRI ≥ 80 , other colour rendering indexes available upon request

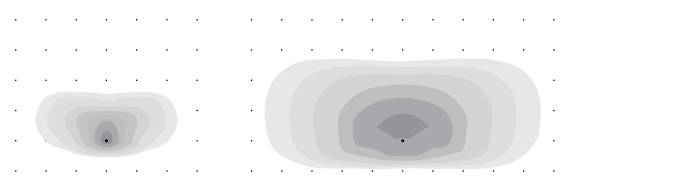
Light Distributions



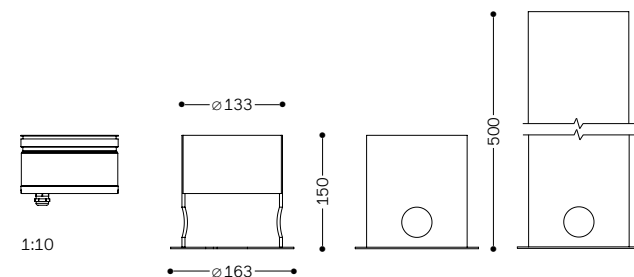
AG01 Symmetric Narrow 10° AG02 Symmetric Medium 26° AG03 Symmetric Flood 50°



AG04 Symmetric Elliptical 8°–40° AH02 Symmetric Wide Flood AP07 Asymmetric Extra Forward



AS07 Asymmetric Side Throw AP06 Asymmetric Forward Extra Side Throw

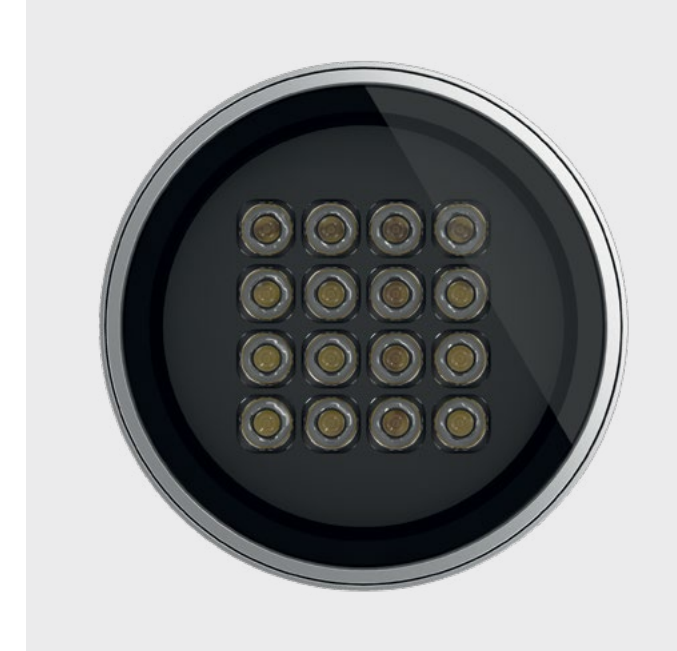


R160

A-Series

IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials / Characteristics

- Housing in aluminium and stainless steel, internally black matt coated RAL 9005
- Recessed mounting sleeve in stainless steel
- Cover in tempered safety glass (3,000 kg pressure load capacity)
- Precision lenses in PMMA
- Screws in stainless steel
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland
- Protective vent
- Lighting unit steplessly adjustable $\pm 15^\circ$ in all directions

Application Area

- Architectural lighting
- Object and effect lighting
- Floor mounting

Accessories

- Fixed output or dimmable driver
- DMX driver and controller
- Connection cable
- Electrical connector

Light Source

- 16 high-power LEDs
- Delivered lumens 520–1,750 lm
- System Wattage 9.7–19 W
- Current Feed 200–400 mA

Max. Weight

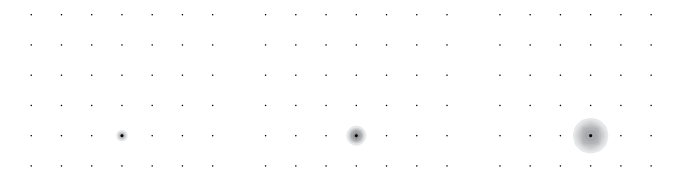
- 6.5 kg external driver
- 10.5 kg complete with driver

Colour Temperatures

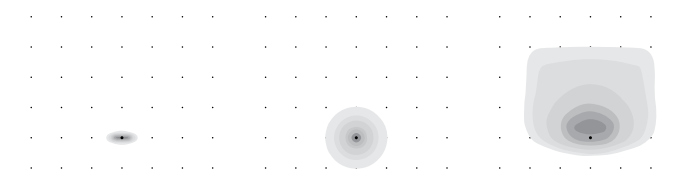


Standard CRI ≥ 80 , other colour rendering indexes available upon request

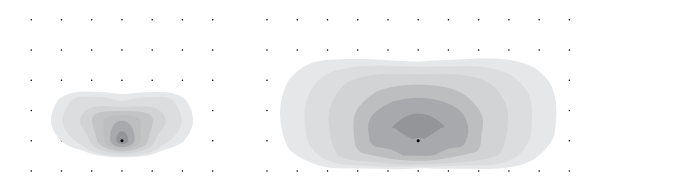
Light Distributions



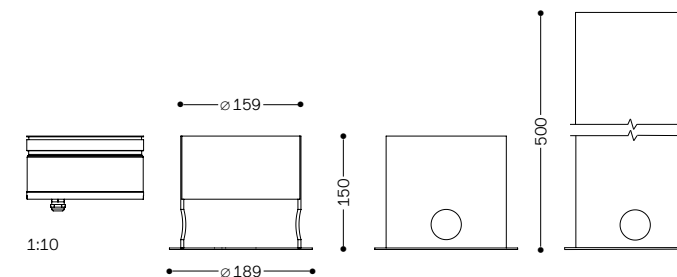
AG01 Symmetric Narrow 10° AG02 Symmetric Medium 26° AG03 Symmetric Flood 50°



AG04 Symmetric Elliptical 8°–40° AH02 Symmetric Wide Flood AP07 Asymmetric Extra Forward



AS07 Asymmetric Side Throw AP06 Asymmetric Forward Extra Side Throw



R200

A-Series

IN-GROUND LUMINAIRES

CONSTANTLY UPDATED DATA:
configurator.ewo.com



Materials / Characteristics

- Housing in aluminium and stainless steel, internally black matt coated RAL 9005
- Recessed mounting sleeve in stainless steel
- Cover in tempered safety glass (3,000 kg pressure load capacity)
- Precision lenses in PMMA
- Screws in stainless steel
- Pre-wired supply cable 0.50 m, complete with water stop device
- Cable gland
- Protective vent
- Lighting unit steplessly adjustable $\pm 15^\circ$ in all directions

Application Area

- Architectural lighting
- Object and effect lighting
- Floor mounting

Accessories

- Fixed output or dimmable driver
- DMX driver and controller
- Connection cable
- Electrical connector

Light Source

- 24 high-power LEDs
- Delivered lumens 780–2,650 lm
- System Wattage 15–29 W
- Current Feed 200–400 mA

Max. Weight

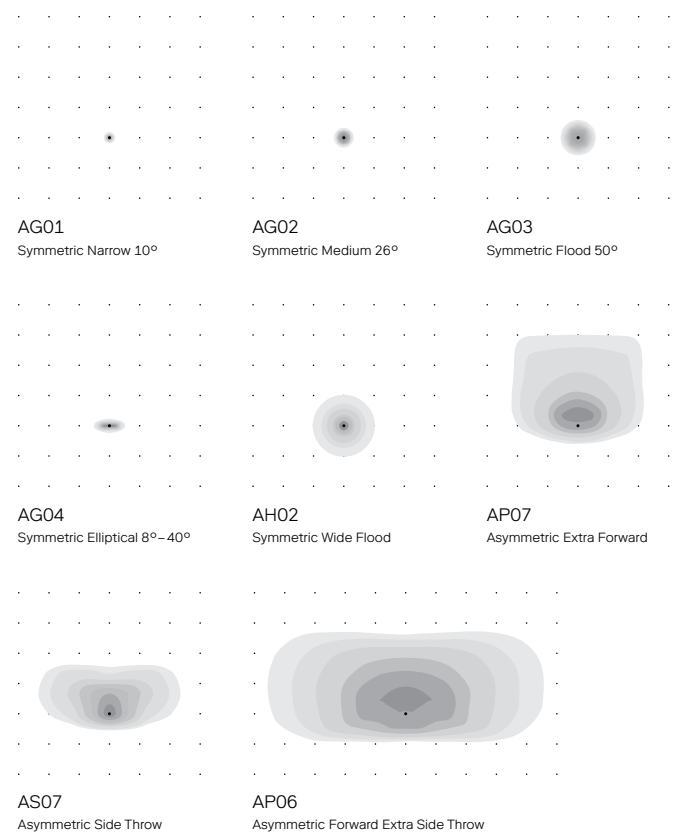
- 7.5 kg external driver
- 12.0 kg complete with driver

Colour Temperatures

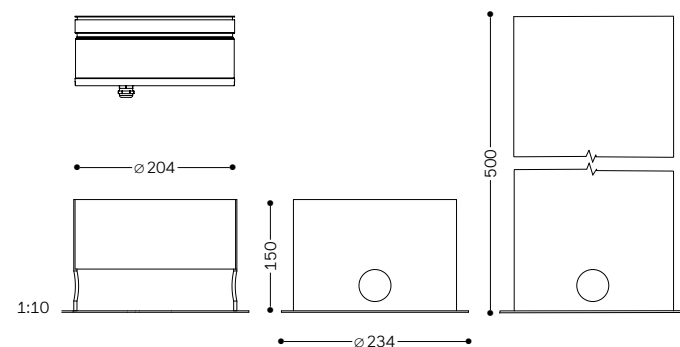


Standard CRI ≥ 80 , other colour rendering indexes available upon request

Light Distributions



IP67 RoHS IK10



LB21

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Urban bollard with symmetric light distribution for illuminating open spaces. Additional accent lighting at ground level

Materials

- Bollard: stainless steel
- Buried base: hot-dip galvanised steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 2 lighting units each with 8 high-power LEDs
- Lighting units in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

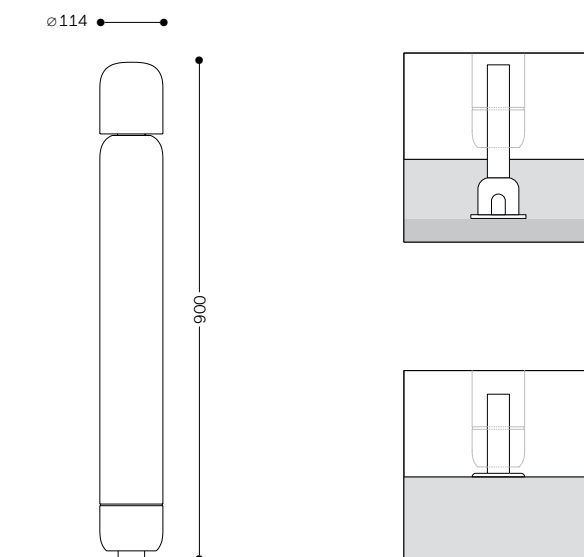
Mounting options

- Buried mounting base
- Direct floor mounting flange plate
- Suitable for through-wiring electrical connection

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	10.5 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

LB22

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Urban bollard with symmetric light distribution for illuminating open spaces, additional accent lighting at ground level

Materials

- Bollard: stainless steel
- Buried base: hot-dip galvanised steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 2 lighting units each with 8 high-power LEDs
- Lighting units in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

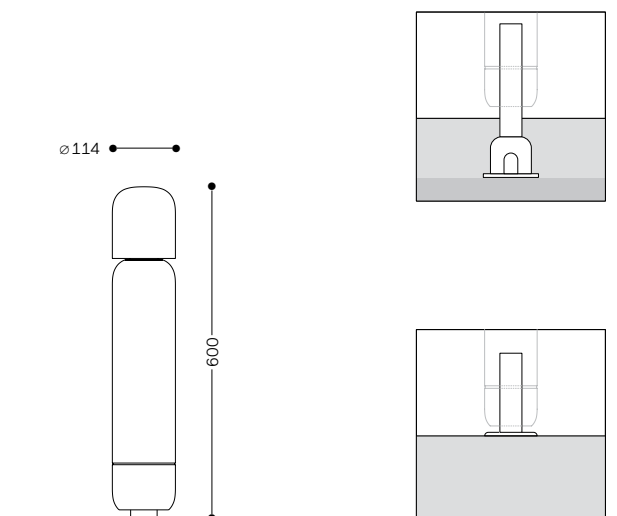
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	8.5 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

LB23

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Lighting bollard/seating with symmetric light distribution for illuminating open spaces, additional accent lighting at ground level

Materials

- Bollard: hot-dip galvanised steel
- Buried base: hot-dip galvanised steel
- Flange plate: hot-dip galvanised steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 16 high-power LEDs
- Lighting unit in aluminum with transparent glass cover
- Electronic control gear integrated

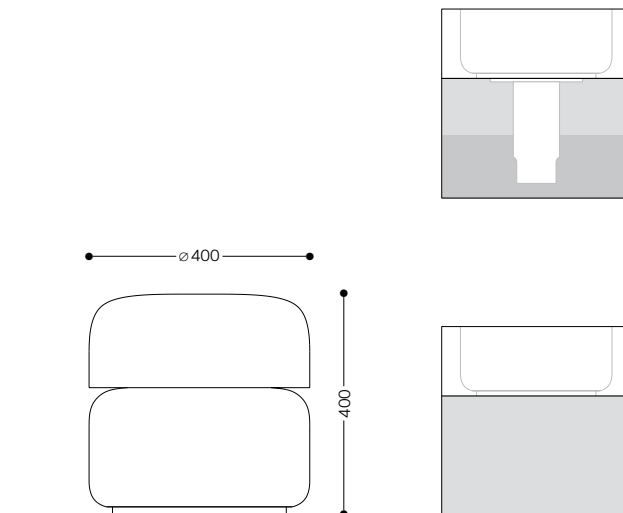
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	12 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

BD21

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Urban bollard for marking area boundaries, additional accent lighting at ground level

Materials

- Bollard: stainless steel
- Buried base: hot-dip galvanised steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 8 high-power LEDs
- Lighting unit in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

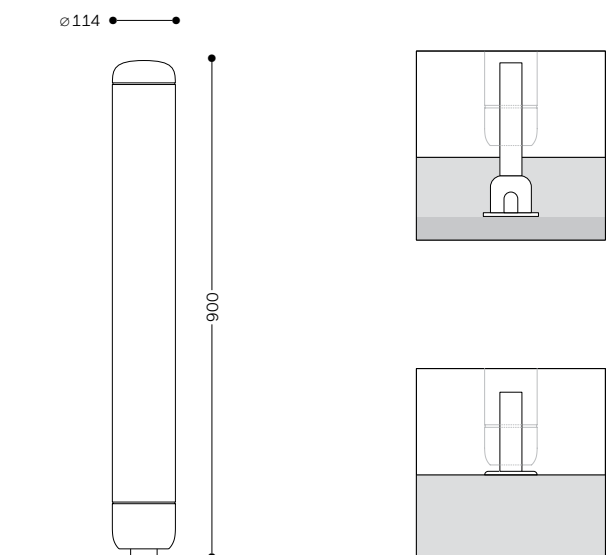
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted
- Designed for feed-through wiring

System Wattage	8.5 W
Current Feed	350 mA
Protection Class	I or II
Weight	10.5 kg

Colour Temperature

4,000 K



IP65 RoHS IK10



Urban bollard with chain fixture for marking boundaries, additional accent lighting at ground level

Materials

- Bollard: stainless steel
- Chain made of hot-dip galvanized steel (chain length to be defined)
- Buried base: hot-dip galvanized steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 8 high-power LEDs
- Lighting unit in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

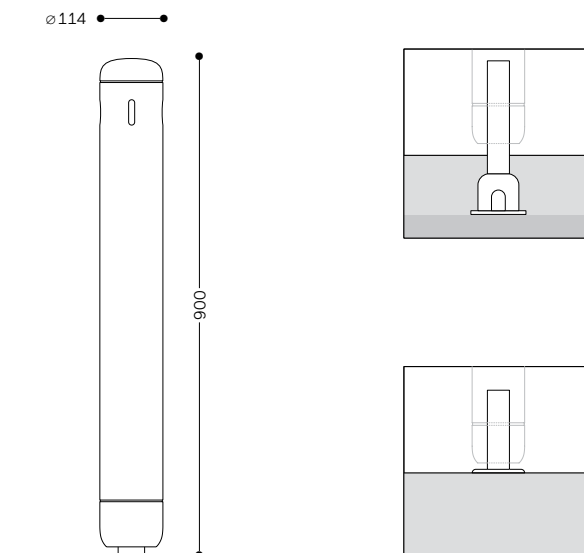
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	8.5 W
Current Feed	350 mA
Protection Class	I or II
Weight	11.5 kg

Colour Temperature

4,000 K



Urban bollard with integrated ashtray, removable cover to aid emptying, additional accent lighting at ground level

Materials

- Bollard: stainless steel
- Buried base: hot-dip galvanized steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 8 high-power LEDs
- Lighting unit in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

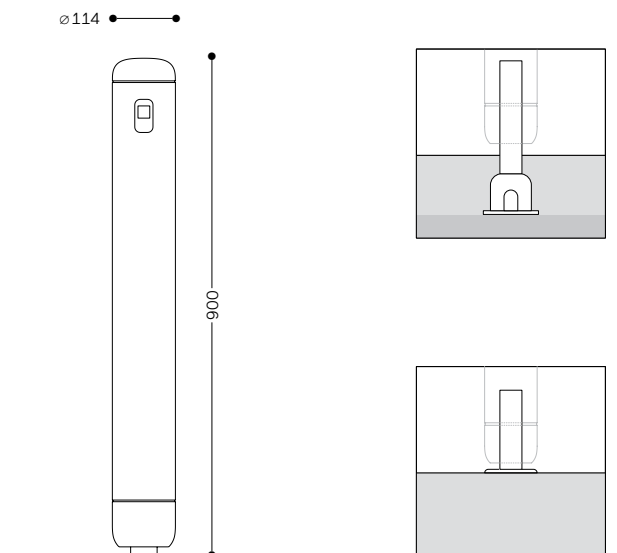
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	8.5 W
Current Feed	350 mA
Protection Class	I or II
Weight	11.5 kg

Colour Temperature

4,000 K



BR21

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Bike rack urban bollard light with opening for the attachment of locks, additional accent lighting at ground level

Materials

- Bollard: stainless steel and hot-dip galvanised steel
- Buried base: hot-dip galvanised steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 8 high-power LEDs
- Lighting unit in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

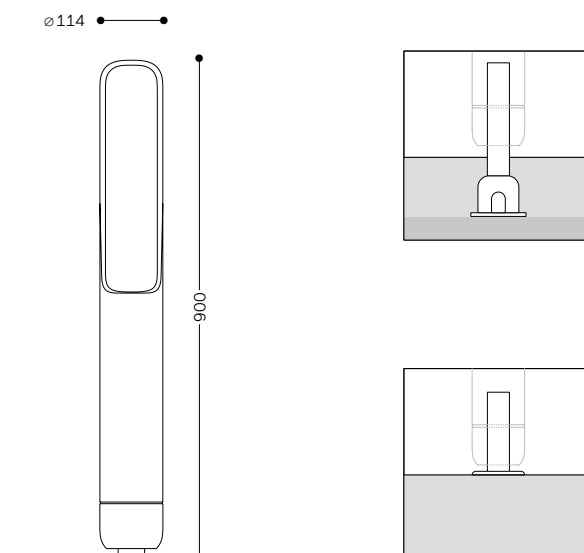
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	8.5 W
Current Feed	350 mA
Protection Class	I or II
Weight	11 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

WR21

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Litter bin urban bollard with removable cover, capacity 45 l, additional accent lighting at ground level

Materials

- Container in hot-dip galvanised steel
- Buried base: hot-dip galvanised steel
- Flange plate: hot-dip galvanised steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 16 high-power LEDs
- Lighting unit in aluminum with transparent glass cover
- Electronic control gear integrated

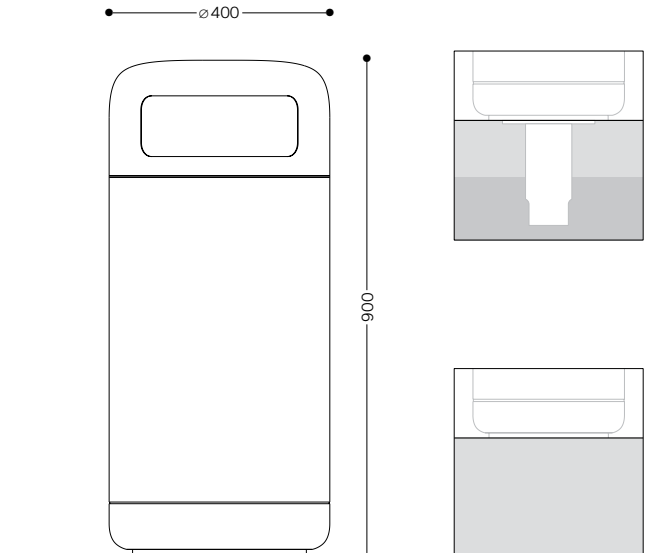
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	35.5 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

WR22

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Litter bin urban bollard with removable cover, capacity 45 l, additional accent lighting at ground level

Materials

- Container in hot-dip galvanised steel
- Upper cover in polished stainless steel
- Buried base: hot-dip galvanised steel
- Flange plate: hot-dip galvanised steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 1 lighting unit with 16 high-power LEDs
- Lighting unit in aluminum with transparent glass cover
- Electronic control gear integrated

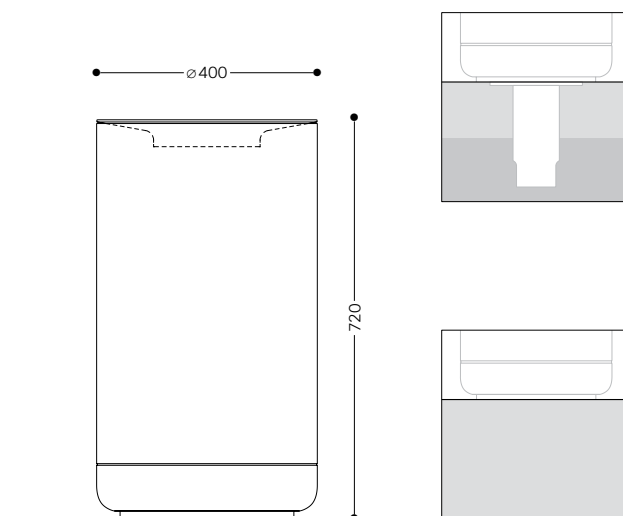
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	30 kg

Colour Temperature

4,000 K



IP65 RoHS IK10

SB21

URBAN FURNITURE

CONSTANTLY UPDATED DATA:
ewo.com



Bench with additional accent lighting at ground level

Materials

- Bench made of weatherproof wood
- Frame in hot-dip galvanised steel
- Buried base: hot-dip galvanised steel
- Flange plate: stainless steel
- Finish: polyester powder coating in anthracite finish (DB 703), other colours available upon request

Light Source

- 2 lighting units each with 8 high-power LEDs
- Lighting units in aluminum, sealed with polyurethane resin
- Electronic control gear integrated

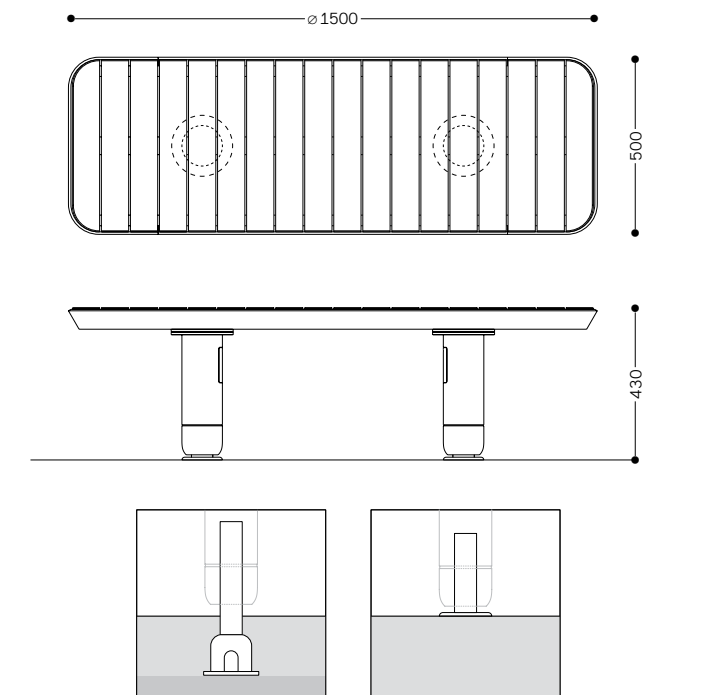
Assembly Variations

- Flush-mounted: buried base
- Surface-mounted: flange plate
- Designed for feed-through wiring

System Wattage	17.1 W
Current Feed	350 mA
Protection Class	I or II
Weight	55 kg

Colour Temperature

4,000 K



IP65 RoHS IK10