ewo

A SERIES E SERIES

Chameleon

A master of transformation.
A projector.
A wall luminaire.
A pole luminaire.
Dynamic.
Intelligent.
A master of light.
Application Agnostic.

C165 – Integrated, EG06 Symmetric Ultra Narrow 4°, 2,700 K
Concentric Louvre ewoLightLayer, Reverse Cone Transformative Accessory

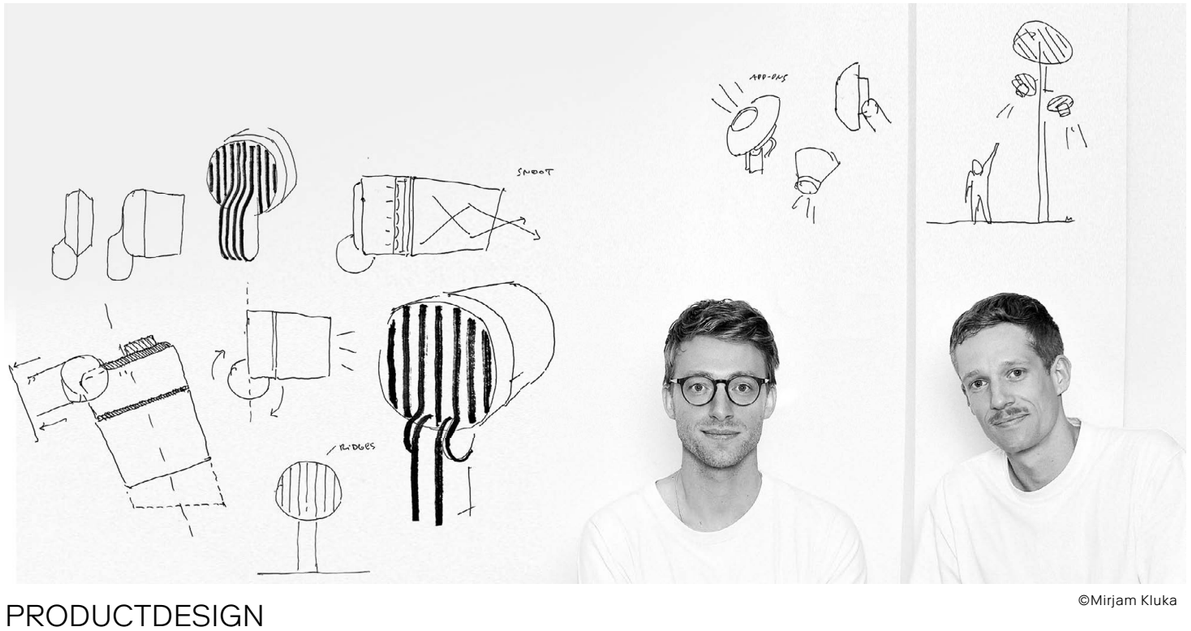
C165 – Slice, EG06 Symmetric Narrow 12°, Tunable White,
Shadow Sail Transformative Accessory

C210 – Slice, A-Series Asymmetric Forward and Extra Side Throw,
2,700 K, Shadow Sail Transformative Accessory

< C125 – Slice
A-Series Asymmetric Forward and
Extra Side Throw, 2,700 K , Half Cone
Transformative Accessory

C260 – Integrated
EG06 Symmetric Extra Narrow 6°, 2,700 K ,
Full Snoot ewoLightLayer

C165 – Slice
EGM01 Symmetric Narrow 12°, RGBW



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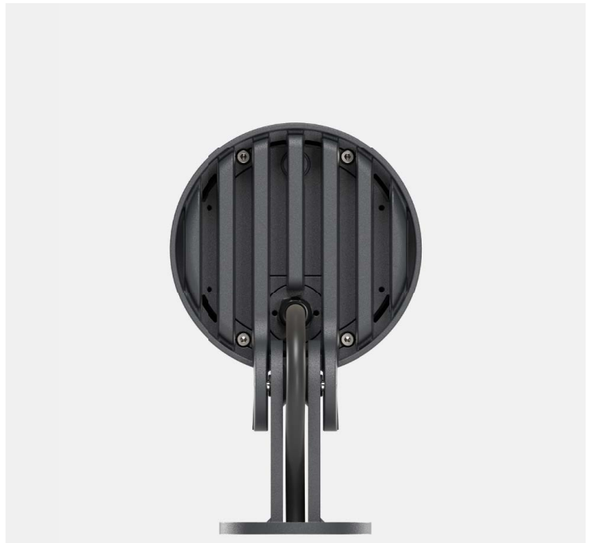
PRODUCTDESIGN
by GECKELER MICHELS, Berlin



FUNCTION
Thermally optimised heatsink and cooling ring creating a chimney effect to keep electronic components cool.

MODULARITY
Discrete fixing mechanism for external ewoLightLayers and transformative accessories.

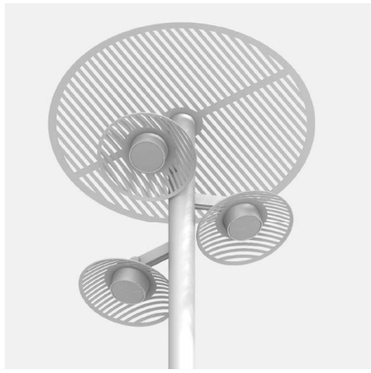
FORM
Elegant luminaire design with clean lines, soft curves and concealed screws.

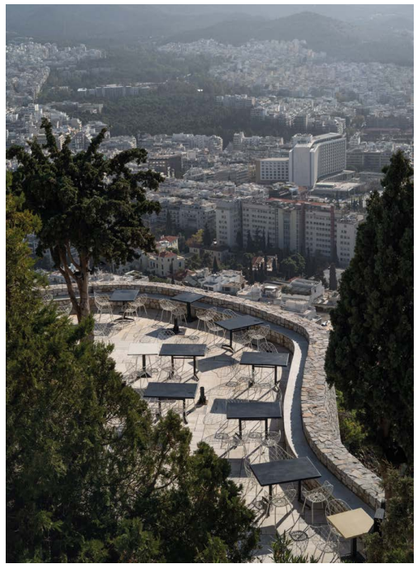
A DIVERSE HABITAT
Chameleon is a common creature
across all areas of the urban jungle.

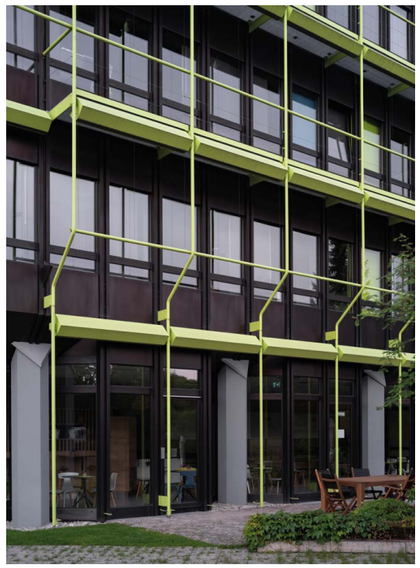
A DUAL FUNCTION
Chameleon is designed to be active from sunset to sunset. During the day, its optional accessories such as a shadow sail offer new types of functionalities.

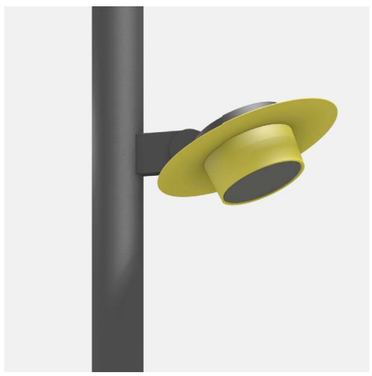
A NEW LEVEL OF ADAPTABILITY

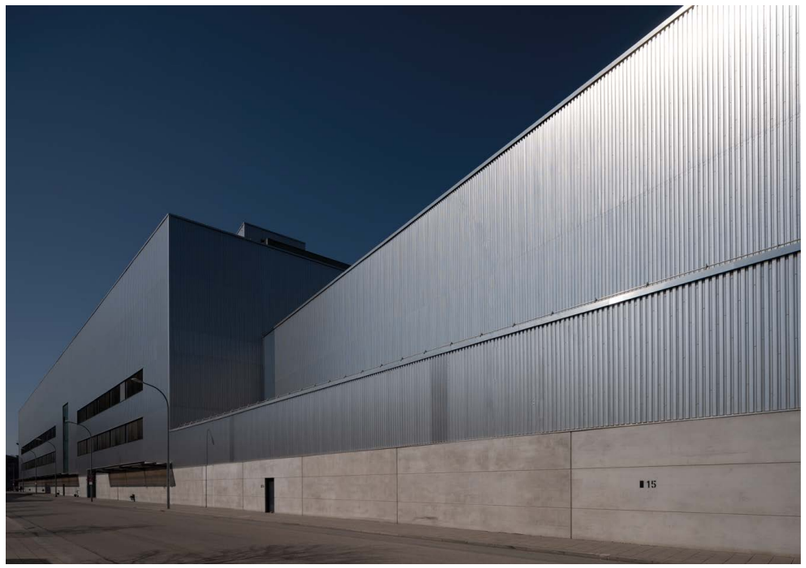
Sustainability is at the heart of all ewo products. With its modular design, Chameleon is reaching new heights of sustainability with replaceable and recyclable components as well as the opportunity to upgrade luminaries, all leading to a longer product life.









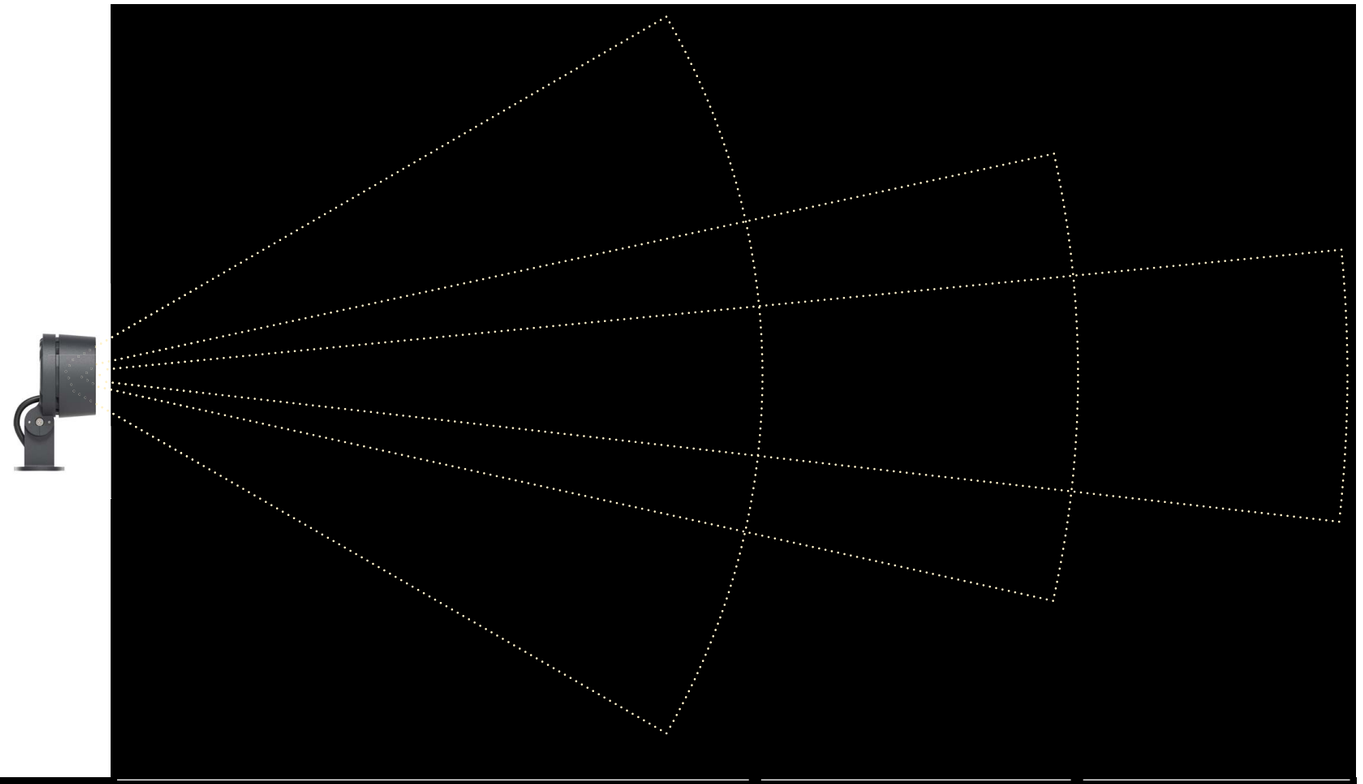


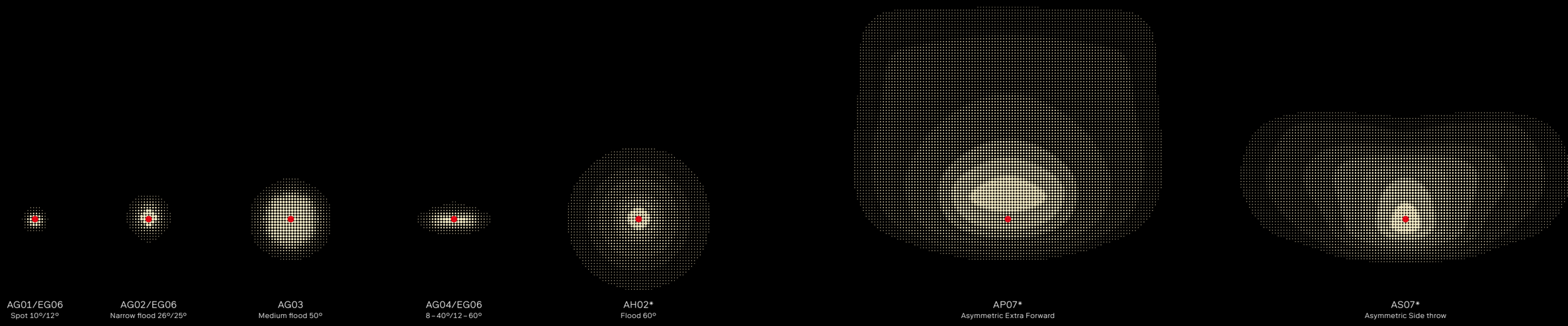
THROUGH ITS TRANSOFRMATION,
CHAMELEON CAN TRANSFORM SPACES

With its unrivalled modularity, Chameleon uses a vast catalogue of mounting options, ewoLightLayers, optics and finishes to adapt seamlessly to a plethora of applications including Architecture and the Arts, Public Spaces, and Road and Traffic.

STANDARD DISTRIBUTIONS

ewo's high precision lens optics have the power to transform public spaces into urban sanctuaries, improving people’s wellbeing outdoors.





COLOUR MIXING RGBW

To create the best possible colour experience in a luminaire as compact as Chameleon, ewo has developed a new two-level light guiding lens that will mix colours in each individual lens. Now the desired light effect can even be achieved over short distances whilst maintaining perfect colour uniformity.

DYNAMIC WHITE AND COLOUR

Chameleon is the most compact, intelligent projector offering dynamic lighting with in-optic colour mixing and beam angles as narrow as 12°.

Chameleon

BODY OF LIGHT

SHAPE OF LIGHT

INTELLIGENCE OF LIGHT

C125
Slice

C165
Slice

C210
Slice

C260
Slice

AG01
Symmetric Narrow 10°

AG02
Symmetric Medium 26°

AG03
Symmetric Flood 48°

AG04
Symmetric Eliptical 8–40°

AH02
Symmetric Wide Flood

AP07
Asymmetric Extra Forward

AS07
Asymmetric Side Throw

EG06
Symmetric Ultra Narrow 4°

EG06
Symmetric Extra Narrow 6°

Monochrome

2,200 K
CRI ≥ 80*

2,700 K
CRI ≥ 80*

3,000 K
CRI ≥ 80*

4,000 K
CRI ≥ 80*

* additional light colours on request

EGM01
Symmetric Narrow 12°

EGM01
Symmetric Medium 25°

EGM01
Symmetric Eliptical 14–70°

Tunable White
CRI ≥ 80

2,200 K – 4,000 K (CRI 80 + CRI 80)
3,000 K – 5,000 K (CRI 80 + CRI 80)

EGM01
Symmetric Narrow 12°

EGM01
Symmetric Medium 25°

EGM01
Symmetric Eliptical 14–70°

RGBW
CRI ≥ 80

RGB + 2,200K CRI ≥ 80
RGB + 4,000K CRI ≥ 80

Monochrome

Control protocols

ON/OFF	ON OFF
DALI 2	DALI
ewo connexx*	

Programming options

CLO	Constant Lumen Output*
AC/DC	Emergency power supply*
DALI	
Standalone	

Tunable White

Control protocols

DALI 2 T8	T8 DALI
ewo connexx*	

RGBW

Control protocols

DALI	DALI
ewo connexx*	
DMX–RDM	DMX

*available on request.

Chameleon

Technical Data

C125

Projector
Wall luminaire
Pole mounted system

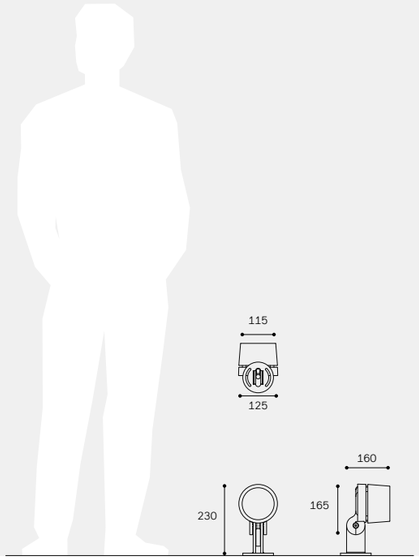
QUICK-LINKS

Configurator

BIM-Objects

Planning documents

IP66 RoHS IK08



A SERIES

AG01
Symmetric Narrow 10°

AG02
Symmetric Medium 26°

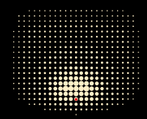
AG03
Symmetric Flood 48°

EG06
Symmetric Narrow 4°

EGM01
Symmetric Narrow 12°

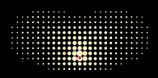
AG04
Symmetric Eliptical 8–40°

AH02
Symmetric Wide Flood


AP07
Asymmetric Extra Forward

EG06
Symmetric Narrow 6°

EGM01
Symmetric Medium 25°


AS07
Asymmetric Side Throw

EGM01
Symmetric Eliptical 14–70°

Monochrome

2,200 K CRI ≥ 80*
2,700 K CRI ≥ 80*
3,000 K CRI ≥ 80*
4,000 K CRI ≥ 80*

* additional light colours on request

Tunable White CRI ≥ 80

RGBW CRI ≥ 80

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating
Finish standard colours	RAL 9007/7015/7016/9005/9006/9007 AkzoNobel D2525 Gris 2900*
Glass	Safety glass (ESG)
Optics material	PMMA
Mounting Options	Surface, wall, pole

*Additional finishes on request.

Model	↓ ①	→ ②	Weight [kg]
C125	0.018*	0.025*	5.7*

① Projected windage area [m²]

② Lateral windage area [m²]

*without accessories

Electrical

	A–Series	E–Series	Tunable White	RGBW
Protection Class	I / II	I / II	I	I
Voltage, Hz				
Current max. mA	1,000	1,000*	350	250
Cable	5Gx0.5mm²	5Gx0.5mm²	7x0.25mm²	12x0.25mm²
LED Power max [W]	18.2	9.1	7.0	8.9

*700 for EG06 – 4°

Operating Conditions

Operating temperature	–25C° to +50C°
Lifetime [L90B10 at +25°C]	up to 100,000 hrs Visit the configurator for specific lifetime options

Driver (external)

	Monochrome	RGBW	Tunable White
Control Options	ON OFF / DALI / 0-10V	DALI / DMX / 0-10V	T8 DALI / 0-10V
Programming [optional]	Constant Lumen Output (CLO) Emergency Power Supply (AC/DC)		
Control accessories	further accessories on request		
Software	Connex-x light management software for remote management of intelligent luminaire clusters.		
More	ewo intelligent lighting ecosystem		

Performance

↓ [DOWNLOAD TABLE]

Distribution	AG01	AG02	AG03	AG04	AH02	AP07	AS07	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	10°	26°	48°	8 – 40°	60°	-	-	4°	6°	12°	25°	14 – 70°
MacAdam ellipses (SDCM)	≤ 5 SDCM							≤ 5 SDCM				
Nr. of LEDs	6							3		3		
Max. lumin. Flux [lm]												
Monochrome at 4,000 K	2,200								1,100			
Tunable White at 5,000 K										400		
RGBW at 4,000 K										410		

Accessories

*Field installable but not field changeable.
**Factory installed

External ewoLightLayers*

Full Snoot

Half Snoot

Internal ewoLightLayers**

Honeycomb Louvre

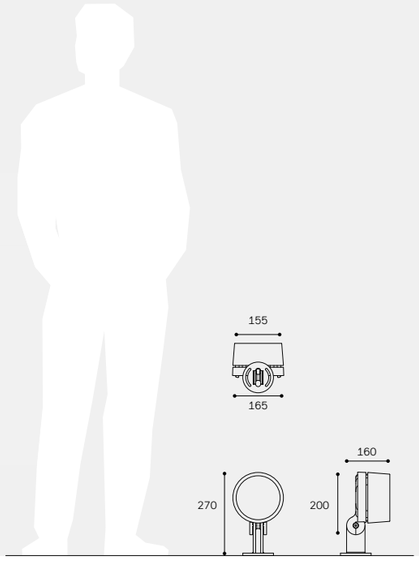
Circular Louvre

Chameleon

Technical Data

C165

Projector
Wall luminaire
Pole mounted system



QUICK-LINKS

Configurator

BIM-Objects

Planning documents

IP66 RoHS IK08

A SERIES

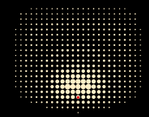
AG01
Symmetric Narrow 10°

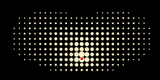
AG02
Symmetric Medium 26°

AG03
Symmetric Flood 48°

AG04
Symmetric Eliptical 8–40°

AH02
Symmetric Wide Flood


AP07
Asymmetric Extra Forward


AS07
Asymmetric Side Throw

E SERIES

EG06
Symmetric Narrow 4°

EG06
Symmetric Narrow 6°

EGM01
Symmetric Narrow 12°

EGM01
Symmetric Medium 25°

EGM01
Symmetric Eliptical 14–70°

Monochrome

2,200 K CRI ≥ 80*
2,700 K CRI ≥ 80*
3,000 K CRI ≥ 80*
4,000 K CRI ≥ 80*

* additional light colours on request

Tunable White CRI ≥ 80

RGBW CRI ≥ 80

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating
Finish standard colours	RAL 9007/7015/7016/9005/9006/9007 AkzoNobel D2525 Gris 2900*
Glass	Safety glass (ESG)
Optics material	PMMA
Mounting Options	Surface, wall, pole

*Additional finishes on request.

Model	↓ ①	→ ②	Weight [kg]
C165	0.020*	0.027*	7.3*

① Projected windage area [m²]

② Lateral windage area [m²]

*without accessories

Electrical

	A–Series	E–Series	Tunable White	RGBW
Protection Class	I / II	I / II	I	I
Voltage, Hz				
Current max. mA	1,000	1,000*	350	250
Cable	5Gx0.5mm²	5Gx0.5mm²	7x0.25mm²	12x0.25mm²
LED Power max [W]	36.5	21.3	15.7	20.8

*700 for EG06 – 4°

Operating Conditions

Operating temperature	–25C° to +50C°
Lifetime [L90B10 at +25°C]	up to 100,000 hrs Visit the configurator for specific lifetime options

Driver (external)

	Monochrome	RGBW	Tunable White
Control Options	ON OFF / DALI / ✕✕	DALI / DMX / ✕✕	T8 / DALI / ✕✕
Programming [optional]	Constant Lumen Output (CLO) Emergency Power Supply (AC/DC)		
Control accessories	further accessories on request		
Software	Connex-x light management software for remote management of intelligent luminaire clusters.		
More	ewo intelligent lighting ecosystem		

Performance

↓ [DOWNLOAD TABLE]

Distribution	AG01	AG02	AG03	AG04	AH02	AP07	AS07	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	10°	26°	48°	8 – 40°	60°	-	-	4°	6°	12°	25°	14 – 70°
MacAdam ellipses (SDCM)	≤ 5 SDCM							≤ 5 SDCM				
Nr. of LEDs	12							7		7		
Max. lumin. Flux [lm]												
Monochrome at 4,000 K	4,425							2,550				
Tunable White at 5,000 K										1,000		
RGBW at 4,000 K										950		

Accessories

*Field installable but not field changeable.
**Factory installed

External ewoLightLayers*

Full Snoot

Half Snoot

Internal ewoLightLayers**

Honeycomb Louvre

Circular Louvre

Chameleon

Technical Data

C210

Projector
Wall luminaire
Pole mounted system

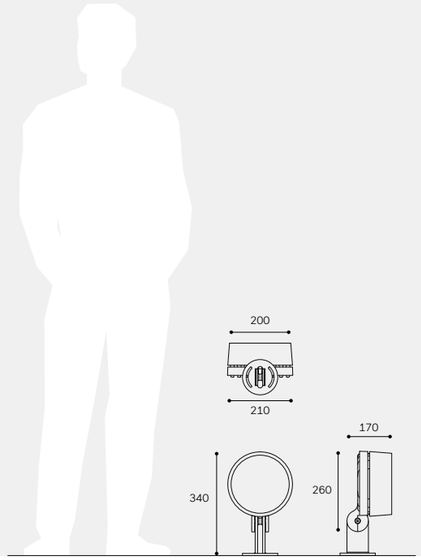
QUICK-LINKS

Configurator

BIM-Objects

Planning documents

IP66 RoHS IK08



A SERIES

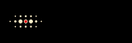
AG01
Symmetric Narrow 10°

AG02
Symmetric Medium 26°

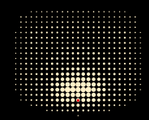
AG03
Symmetric Flood 48°

EG06
Symmetric Narrow 4°

EGM01
Symmetric Narrow 12°

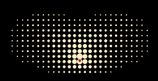

AG04
Symmetric Eliptical 8–40°

AH02
Symmetric Wide Flood


AP07
Asymmetric Extra Forward

EG06
Symmetric Narrow 6°

EGM01
Symmetric Medium 25°


AS07
Asymmetric Side Throw

EGM01
Symmetric Eliptical 14–70°

Monochrome

2,200 K CRI ≥ 80*
2,700 K CRI ≥ 80*
3,000 K CRI ≥ 80*
4,000 K CRI ≥ 80*

* additional light colours on request

Tunable White CRI ≥ 80

RGBW CRI ≥ 80

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating
Finish standard colours	RAL 9007/7015/7016/9005/9006/9007 AkzoNobel D2525 Gris 2900*
Glass	Safety glass (ESG)
Optics material	PMMA
Mounting Options	Surface, wall, pole

*Additional finishes on request.

Model	↓ ①	→ ②	Weight [kg]
C210	0.025*	0.03*	10.4*

① Projected windage area [m²]

② Lateral windage area [m²]

*without accessories

Electrical

	A–Series	E–Series	Tunable White	RGBW
Protection Class	I / II	I / II	I	I
Voltage, Hz				
Current max. mA	1,000	1,000*	350	250
Cable	5Gx0.5mm²	5Gx0.5mm²	7x0.25mm²	12x0.25mm²
LED Power max [W]	73.0	48.7	39.0	/

*700 for EG06 – 4°

Operating Conditions

Operating temperature	–25C° to +50C°
Lifetime [L90B10 at +25°C]	up to 100,000 hrs Visit the configurator for specific lifetime options

Driver (external)

	Monochrome	RGBW	Tunable White
Control Options	ON OFF · DALI · ✕✕✕	DALI · DMX · ✕✕✕	T8 · DALI · ✕✕✕
Programming [optional]	Constant Lumen Output (CLO) Emergency Power Supply (AC/DC)		
Control accessories	further accessories on request		
Software	Connex-x light management software for remote management of intelligent luminaire clusters.		
More	ewo intelligent lighting ecosystem		

E SERIES

Performance

↓ [DOWNLOAD TABLE]

Distribution	AG01	AG02	AG03	AG04	AH02	AP07	AS07	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	10°	26°	48°	8 – 40°	60°	-	-	4°	6°	12°	25°	14 – 70°
MacAdam ellipses (SDCM)	≤ 5 SDCM							≤ 5 SDCM				
Nr. of LEDs	24							16		16		
Max. lumin. Flux [lm]												
Monochrome at 4,000 K	8,850							5,830				
Tunable White at 5,000 K										2,400		
RGBW at 4,000 K										3,550		

Accessories

*Field installable but not field changeable.
**Factory installed

External ewoLightLayers*

Full Snoot

Half Snoot

Internal ewoLightLayers**

Honeycomb Louvre

Circular Louvre

Chameleon

Technical Data

C260

Projector
Wall luminaire
Pole mounted system

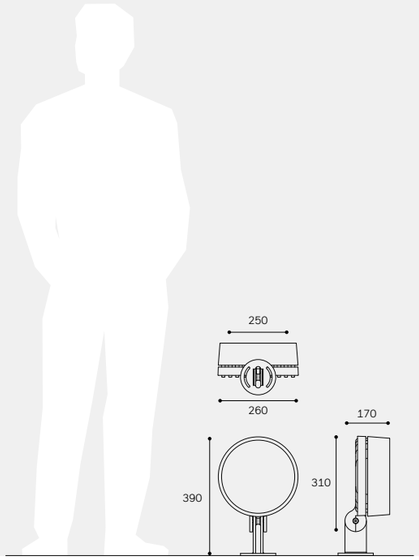
QUICK-LINKS

Configurator

BIM-Objects

Planning documents

IP66 RoHS IK08



A SERIES

AG01
Symmetric Narrow 10°

AG02
Symmetric Medium 26°

AG03
Symmetric Flood 48°

EG06
Symmetric Narrow 4°

EGM01
Symmetric Narrow 12°

AG04
Symmetric Eliptical 8–40°

AH02
Symmetric Wide Flood

AP07
Asymmetric Extra Forward

EG06
Symmetric Narrow 6°

EGM01
Symmetric Medium 25°

AS07
Asymmetric Side Throw

E SERIES

EGM01
Symmetric Eliptical 14–70°

Monochrome

2,200 K CRI ≥ 80*
2,700 K CRI ≥ 80*
3,000 K CRI ≥ 80*
4,000 K CRI ≥ 80*

* additional light colours on request

Tunable White CRI ≥ 80

RGBW CRI ≥ 80

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating
Finish standard colours	RAL 9007/7015/7016/9005/9006/9007 AkzoNobel D2525 Gris 2900*
Glass	Safety glass (ESG)
Optics material	PMMA
Mounting Options	Surface, wall, pole

*Additional finishes on request.

Model	↓ ①	→ ②	Weight [kg]
C260	0.030*	0.044*	12.5*

① Projected windage area [m²]

② Lateral windage area [m²]

*without accessories

Electrical

	A–Series	E–Series	Tunable White	RGBW
Protection Class	I / II	I / II	I	I
Voltage, Hz				
Current max. mA	1,000	1,000*	350	250
Cable	5Gx0.5mm²	5Gx0.5mm²	7x0.25mm²	12x0.25mm²
LED Power max [W]	109.6	73.0	58.5	/

*700 for EG06 – 4°

Operating Conditions

Operating temperature	–25C° to +50C°
Lifetime [L90B10 at +25°C]	up to 100,000 hrs Visit the configurator for specific lifetime options

Driver (external)

	Monochrome	RGBW	Tunable White
Control Options	ON OFF / DALI / 0-10	DALI / DMX / 0-10	T8 / DALI / 0-10
Programming [optional]	Constant Lumen Output (CLO) Emergency Power Supply (AC/DC)		
Control accessories	further accessories on request		
Software	Connex-x light management software for remote management of intelligent luminaire clusters.		
More	ewo intelligent lighting ecosystem		

Performance

↓ [DOWNLOAD TABLE]

Distribution	AG01	AG02	AG03	AG04	AH02	AP07	AS07	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	10°	26°	48°	8 – 40°	60°	-	-	4°	6°	12°	25°	14 – 70°
MacAdam ellipses (SDCM)	≤ 5 SDCM							≤ 5 SDCM				
Nr. of LEDs	36							24			24	
Max. lumin. Flux [lm]												
Monochrome at 4,000 K	13,270								8,750			
Tunable White at 5,000 K										3,600		
RGBW at 4,000 K										5,300		

Accessories

*Field installable but not field changeable.
**Factory installed

External ewoLightLayers*

Full Snoot

Half Snoot

Internal ewoLightLayers**

Honeycomb Louvre

Circular Louvre