



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 – Integral, 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



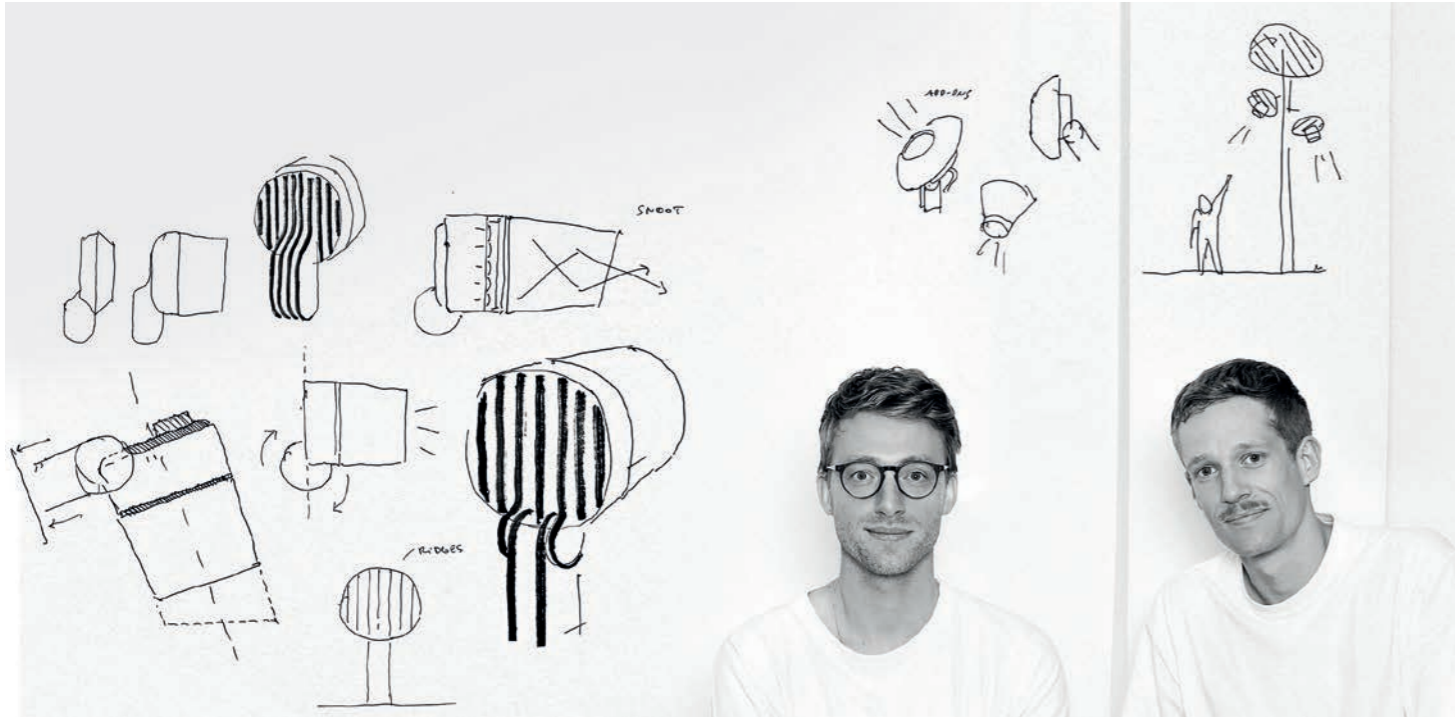
< C125 – Slice
A-Series Asymmetric Forward and
Extra Side Throw, 2,700 K , Half Cone
Transformative Accessory

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



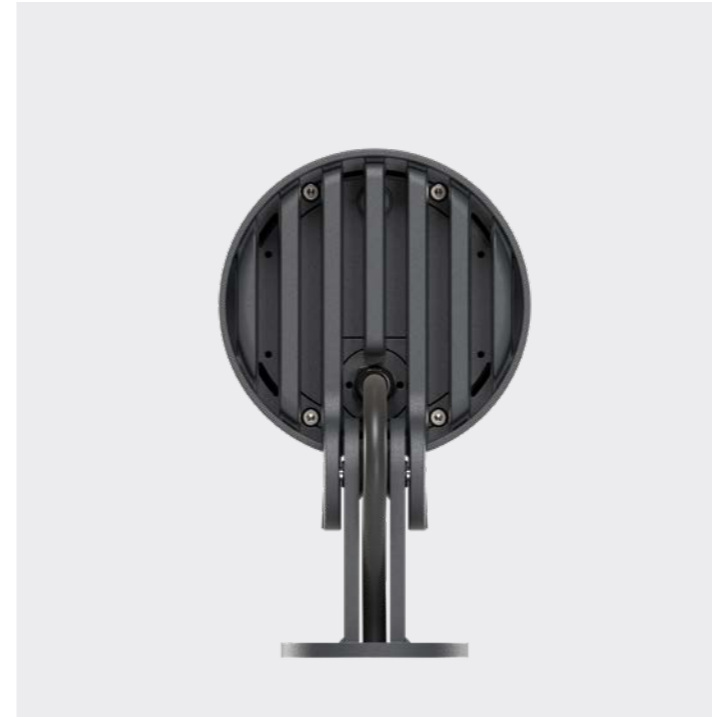
C165 – Slice
EGM01 Symmetric Narrow 12°, RGBW





©Mirjam Kluka

PRODUCTDESIGN
by GECKELER MICHELS, Berlin



FUNCTION

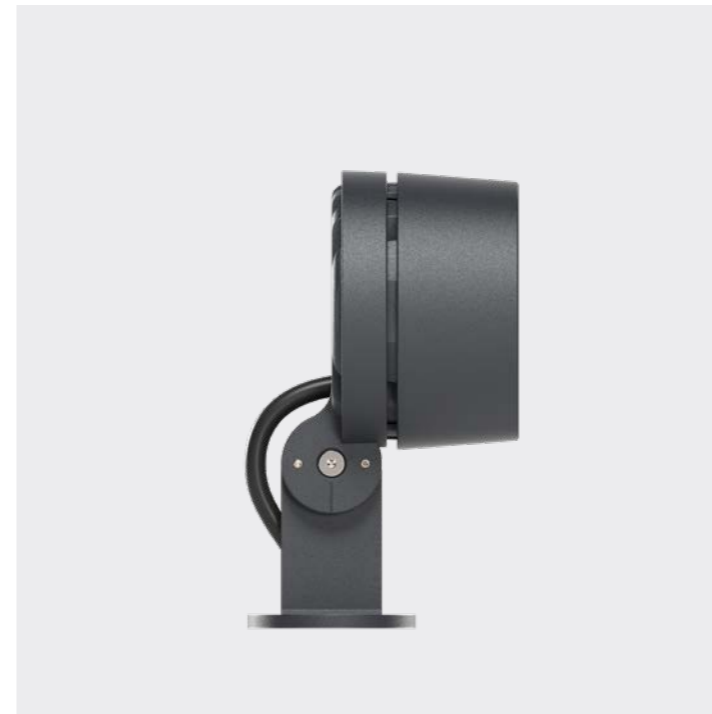
Thermally optimised heatsink and cooling ring creating a chimney effect to keep electronic components cool.

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 luminaires, all leading to a longer product life.



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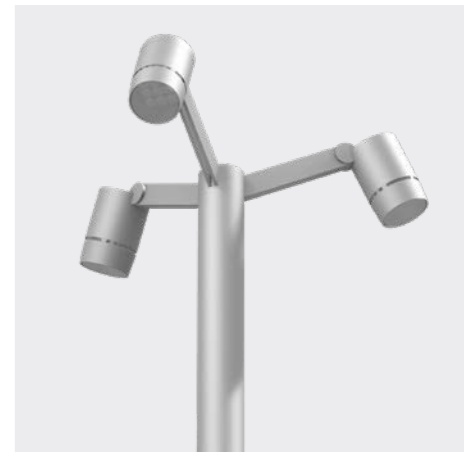
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THROUGH ITS TRANSFORMATION,
CHAMELEON CAN TRANSFORM SPACES

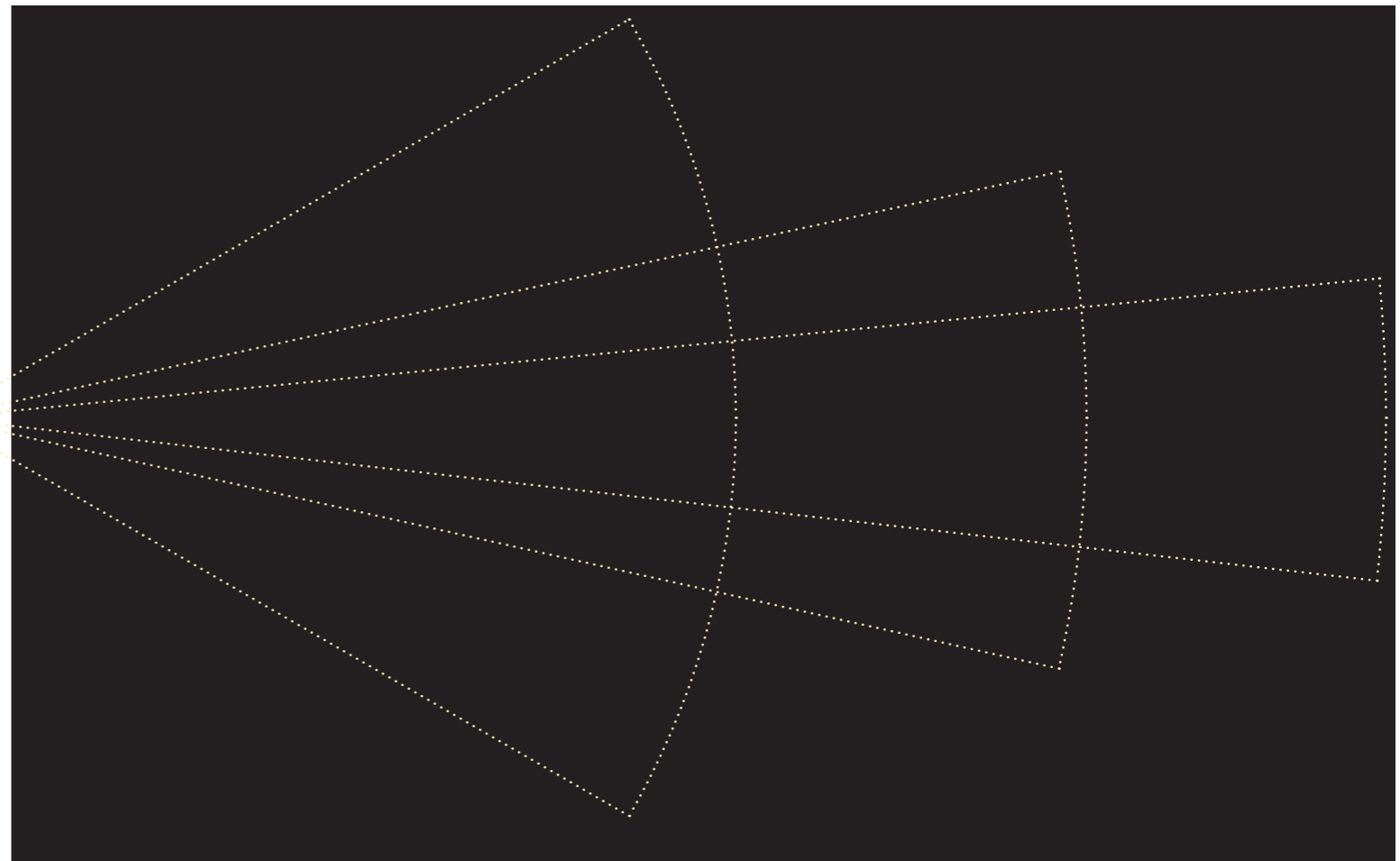
With its unrivalled modularity, Chameleon uses a vast catalogue of mounting options, ewoLightLayers, optics and finishes to adapt seamlessly to a plethora of applications including Architecture and the Arts, Public Spaces, and Road and Traffic.





STANDARD DISTRIBUTIONS

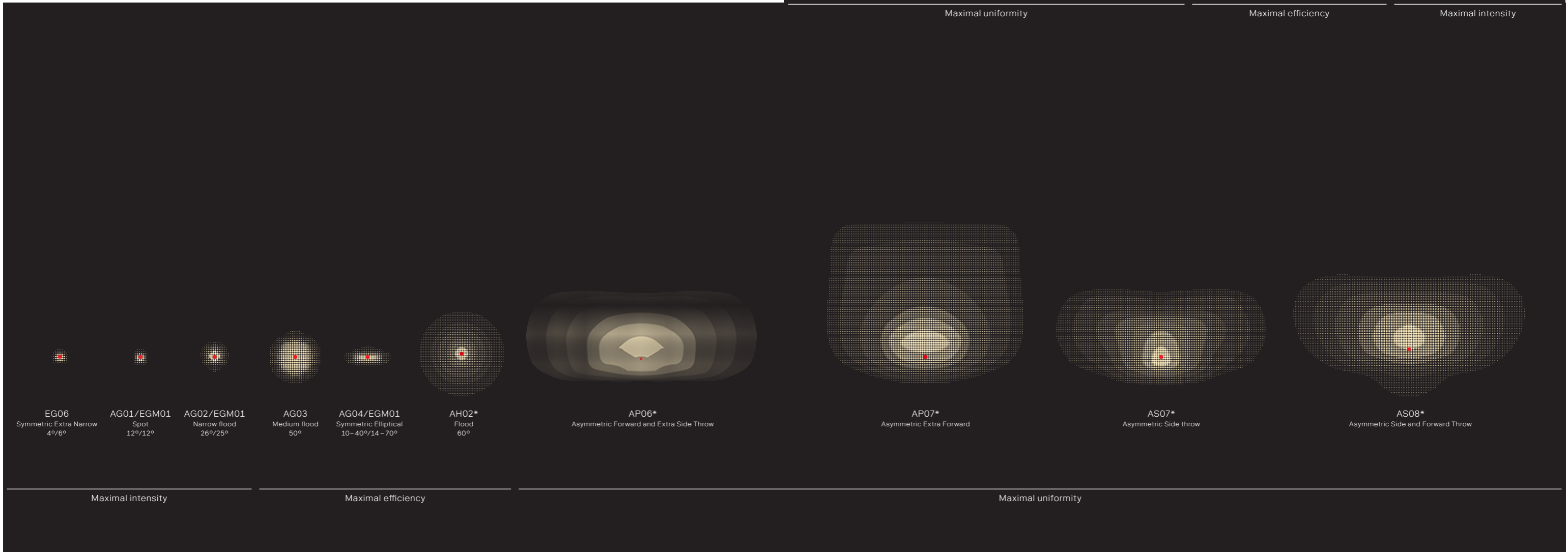
ewo's high precision lens optics have the power to transform public spaces into urban sanctuaries, improving people's wellbeing outdoors.



Maximal uniformity

Maximal efficiency

Maximal intensity



Maximal intensity

Maximal efficiency

Maximal uniformity



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



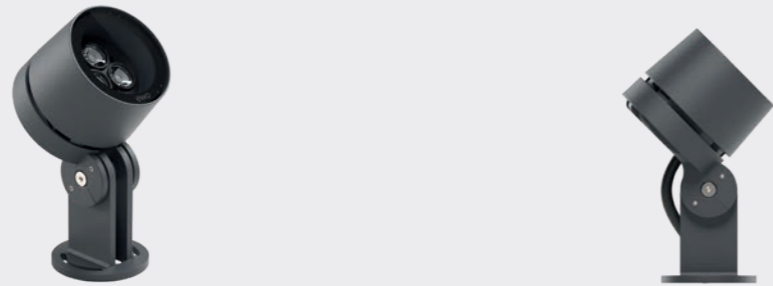
SHAPE OF LIGHT



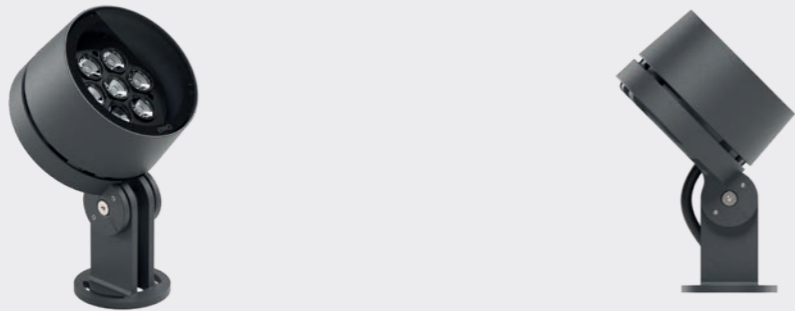
INTELLIGENCE OF LIGHT



C125
Slice



C165
Slice



C210
Slice



C260
Slice



 AG01 Symmetric Narrow 12°	 AG02 Symmetric Medium 27°	 AG03 Symmetric Flood 48°
 AG04 Symmetric Elliptical 10°-40°	 AH02 Symmetric Wide Flood	 AP06 Asymmetric Forward and Extra Side Throw
 AP07 Asymmetric Extra Forward	 AS07 Asymmetric Side Throw	 AS08 Asymmetric Side and Forward 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*
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* additional light colours on request

 EGM01 Symmetric Narrow 12°	 EGM01 Symmetric Medium 25°	 EGM01 Symmetric Elliptical 15°-53°
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Tunable White CRI ≥ 80	2,200 K - 4,000 K (CRI 80 + CRI 80) 3,000 K - 5,000 K (CRI 80 + CRI 80)
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 EGM01 Symmetric Narrow 12°	 EGM01 Symmetric Medium 25°	 EGM01 Symmetric Elliptical 15°-53°
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RGBW	RGB + 2,200K CRI ≥ 80 RGB + 4,000K CRI ≥ 80
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Monochrome

Control protocols

ON/OFF	
DALI 2	
ewo connexx	
Line Switch	

Programming options

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

Tunable White

Control protocols

DALI 2 T8	
ewo connexx	

RGBW

Control protocols

DALI 2	
ewo connexx	
DMX-RDM	

Chameleon

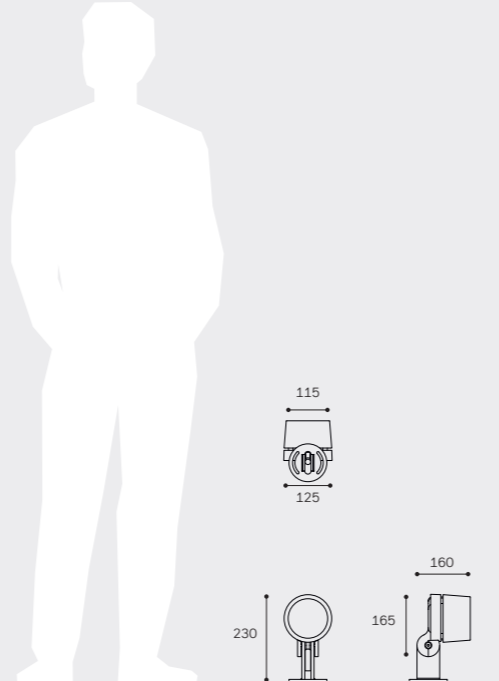
C125 Slice

Projector
Wall luminaire
Pole mounted system



DB 703
Anthracite

ewo
colours



Configurator

CE RoHS IK08

A SERIES Precision lens optics

AG01 Symmetric Narrow 12°

AG02 Symmetric Medium 27°

AG03 Symmetric Flood 48°

AG04 Symmetric Elliptical 10°-40°

AH02 Symmetric Wide Flood 60°

AP06 Asymmetric Forward and Extra Side Throw

AP07 Asymmetric Extra Forward

AS07 Asymmetric Side Throw

AS08 Asymmetric Side and Forward Throw

E SERIES

EG06 Symmetric Narrow 4°

EG06 Symmetric Narrow 6°

EGM01 Symmetric Narrow 12°

EGM01 Symmetric Medium 25°

EGM01 Symmetric Elliptical 15°-53°

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

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	RAL 9007*
Glass	Safety glass (ESG)
Mounting options	Pole, wall, surface * other colours on request ** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Model	⊕ [⊙]	⊖ [⊙]	Weight [kg]
C125	0.018*	0.025*	2.5*
	⊕ Projected windage area [m²]		
	⊖ Lateral windage area [m²]		
	* without accessories		

Electrical	A-Series	E-Series	Tunable White	RGBW
Protection class	I/II	I/II	I*/II	I*/II
Voltage [V], [Hz]				
Current max. [mA]	1,000	1,000*	350	250
LED power [W]	18.2	9.1	7.0	8.9
		* 700 for EG06 - 4°	** C210 / C260	

Operating conditions

Lifetime Visit the [configurator](#) for specific lifetime options

Performance	AG01	AG02	AG03	AG04	AH02	AP06	AP07	AS07	AS08	EG06	EG06	EGM01	EGM01	EGM01		
Distribution																
Beam angle	12°	27°	48°	10°-40°	60°	-	-	-	-	4°	6°	12°	25°	15°-53°		
MacAdam ellipses (SDCM)	≤ 5 SDCM										≤ 5 SDCM					
Nr. of LEDs	6										3		3			
Luminous flux [lm]											2,200		1,100		400	
Monochrome at 4,000 K											2,200					
Tunable White at 5,000 K													400			
RGBW at 4,000 K													410			

[Download table](#)

Driver (external)	Monochrome	RGBW	Tunable White
Control Options	ON OFF DALI X X LYS	DALI DMX X X	T8 DALI X X
Programming [optional]	Constant Lumen Output (CLO) Emergency power supply (AC/DC) Stand-alone		
Control accessories	Further accessories on request		
Software	connexx light management software for remote management of intelligent luminaire clusters		

Accessories

External ewoLightLayers* Internal ewoLightLayers**

Full Snoot

Half Snoot

Honeycomb Louvre

Circular Louvre

* field installable but not field changeable
** factory installed

Chameleon

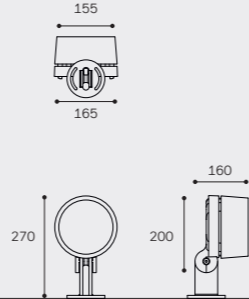
C165

Projector
Wall luminaire
Pole mounted system



DB 703
Anthracite

ewo
colours



Configurator

CE IP66 RoHS IK08

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	RAL 9007*
Glass	Safety glass (ESG)
Mounting options	Pole, wall, surface * other colours on request ** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Electrical

	A-Series	E-Series	Tunable White	RGBW
Protection class	I/II	I/II	I*/II	I*/II
Voltage [V], [Hz]				
Current max. [mA]	1,000	1,000*	350	250
LED power [W]	36.5	21.3	15.7	20.8

* 700 for EG06 - 4° ** C210 / C260

Measurements

Model	⊕ [⊙]	⊖ [⊙]	Weight [kg]
C165	0.020*	0.027*	3.5*

⊕ Projected windage area [m²]
⊖ Lateral windage area [m²]
* without accessories

Operating conditions

Lifetime	Visit the configurator for specific lifetime options
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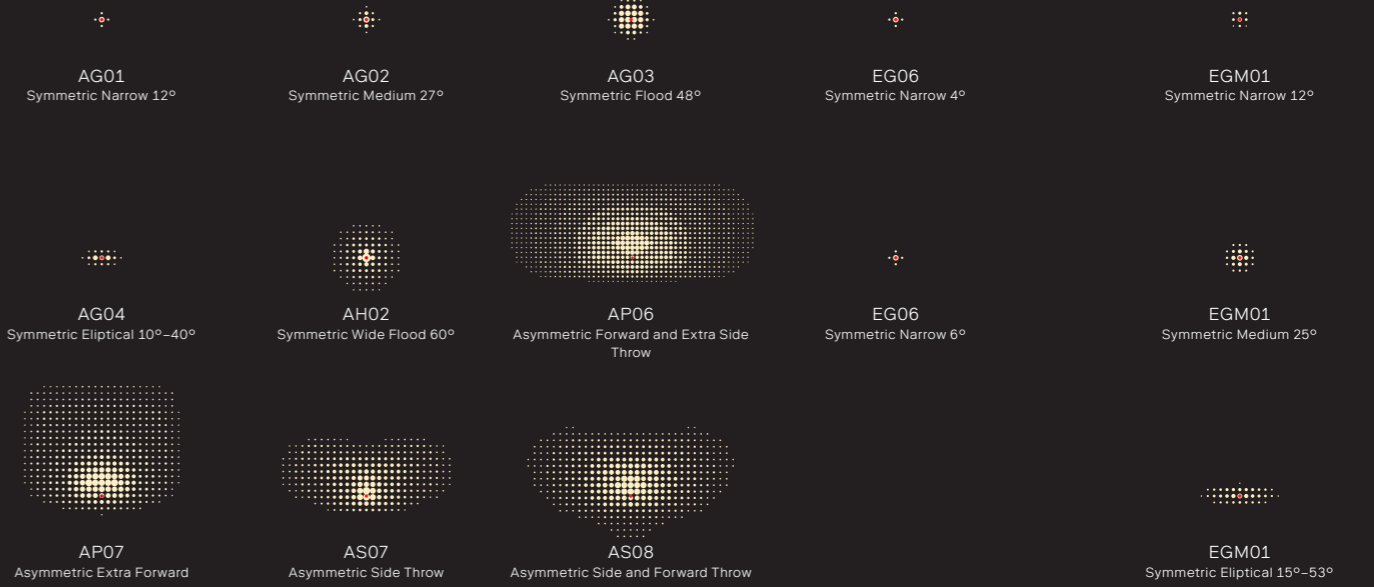
Driver (external) Monochrome

Control Options	Monochrome	RGBW	Tunable White
Control Options	ON/OFF, DALI, LYS	DALI, DMX	T8, DALI
Programming [optional]	Constant Lumen Output (CLO) Emergency power supply (AC/DC) Stand-alone		
Control accessories	Further accessories on request		
Software	connexx light management software for remote management of intelligent luminaire clusters		

A
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Precision lens optics

E
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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

Performance

[Download table](#)

Distribution	AG01	AG02	AG03	AG04	AH02	AP06	AP07	AS07	AS08	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	12°	27°	48°	10°-40°	60°	-	-	-	-	4°	6°	12°	25°	15°-53°
MacAdam ellipses (SDCM)	≤ 5 SDCM										≤ 5 SDCM			
Nr. of LEDs	12										7		7	
Luminous flux [lm]											2,550		1,000	
Monochrome at 4,000 K	4,425													
Tunable White at 5,000 K													950	
RGBW at 4,000 K														

Accessories

External ewoLightLayers*

Internal ewoLightLayers**



Full Snoot



Half Snoot



Honeycomb Louvre



Circular Louvre

* field installable but not field changeable
** factory installed

Chameleon

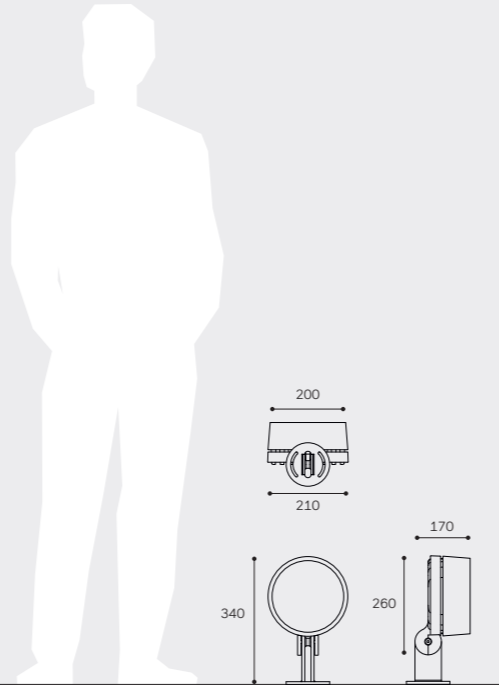
C210

Projector
Wall luminaire
Pole mounted system



DB 703
Anthracite

ewo
colours



Configurator

CE RoHS IK08

Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	RAL 9007*
Glass	Safety glass (ESG)
Mounting options	Pole, wall, surface * other colours on request ** ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Electrical

	A-Series	E-Series	Tunable White	RGBW
Protection class	I/II	I/II	I*/II	I*/II
Voltage [V], [Hz]				
Current max. [mA]	1,000	1,000*	350	250
LED power [W]	73.0	48.7	39.0	/

*700 for EG06 - 4° ** C210 / C260

Measurements

Model	⊕ [⊙]	⊖ [⊙]	Weight [kg]
C210	0.025*	0.03*	5.2*

⊕ Projected windage area [m²]
⊖ Lateral windage area [m²]
* without accessories

Operating conditions

Lifetime	Visit the configurator for specific lifetime options
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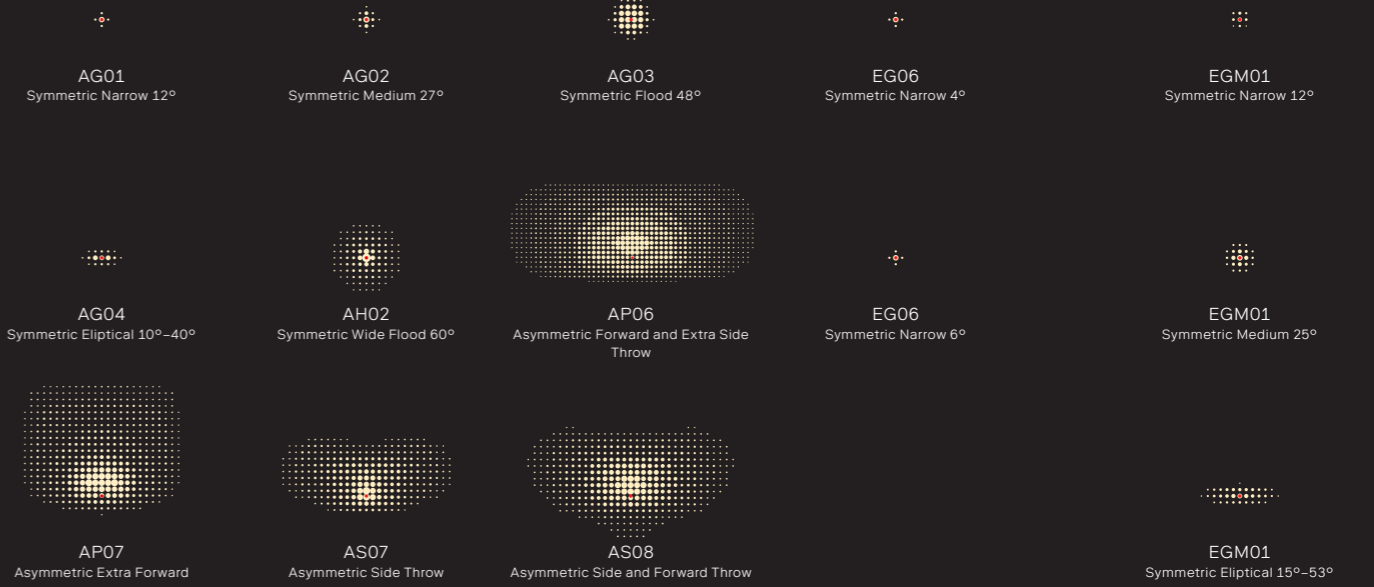
Driver (external) Monochrome

Control Options	Monochrome	RGBW	Tunable White
Control Options	ON OFF DALI X X LYS	DALI DMX X X	T8 DALI X X
Programming [optional]	Constant Lumen Output (CLO) Emergency power supply (AC/DC) Stand-alone		
Control accessories	Further accessories on request		
Software	connexx light management software for remote management of intelligent luminaire clusters		

A
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Precision lens optics

E
SERIES



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

Performance

[Download table](#)

Distribution	AG01	AG02	AG03	AG04	AH02	AP06	AP07	AS07	AS08	EG06	EG06	EGM01	EGM01	EGM01	
Beam angle	12°	27°	48°	10°-40°	60°	-	-	-	-	4°	6°	12°	25°	15°-53°	
MacAdam ellipses (SDCM)	≤ 5 SDCM										≤ 5 SDCM				
Nr. of LEDs	24										16		16		
Luminous flux [lm]											16				
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

External ewoLightLayers*

Internal ewoLightLayers**



* field installable but not field changeable
** factory installed

Chameleon

C260

Projector
Wall luminaire
Pole mounted system

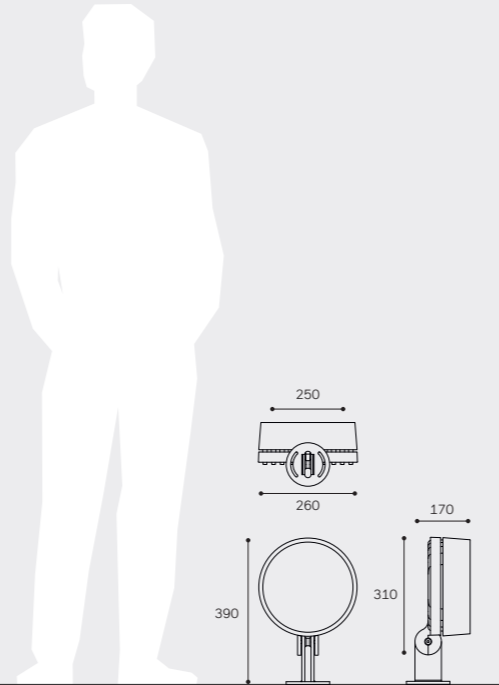


DB 703
Anthracite

ewo
colours

Configurator

CE RoHS IK08



Housing

Housing material	Aluminum die-cast
Housing finish	Polyester powder coating (ewoECP upon request**)
Finish standard colour	RAL 9007*
Glass	Safety glass (ESG)
Mounting options	Pole, wall, surface

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

Electrical

	A-Series	E-Series	Tunable White	RGBW
Protection class	I/II	I/II	I*/II	I*/II
Voltage [V], [Hz]				
Current max. [mA]	1,000	1,000*	350	250
LED power [W]	109.6	73.0	58.5	/

* 700 for EG06 - 4° ** C210 / C260

Measurements

Model	⊕ [Ⓢ]	⊖ [Ⓢ]	Weight [kg]
C260	0.030*	0.044*	6.7*

Ⓢ Projected windage area [m²]
Ⓢ Lateral windage area [m²]
* without accessories

Operating conditions

Lifetime	Visit the configurator for specific lifetime options
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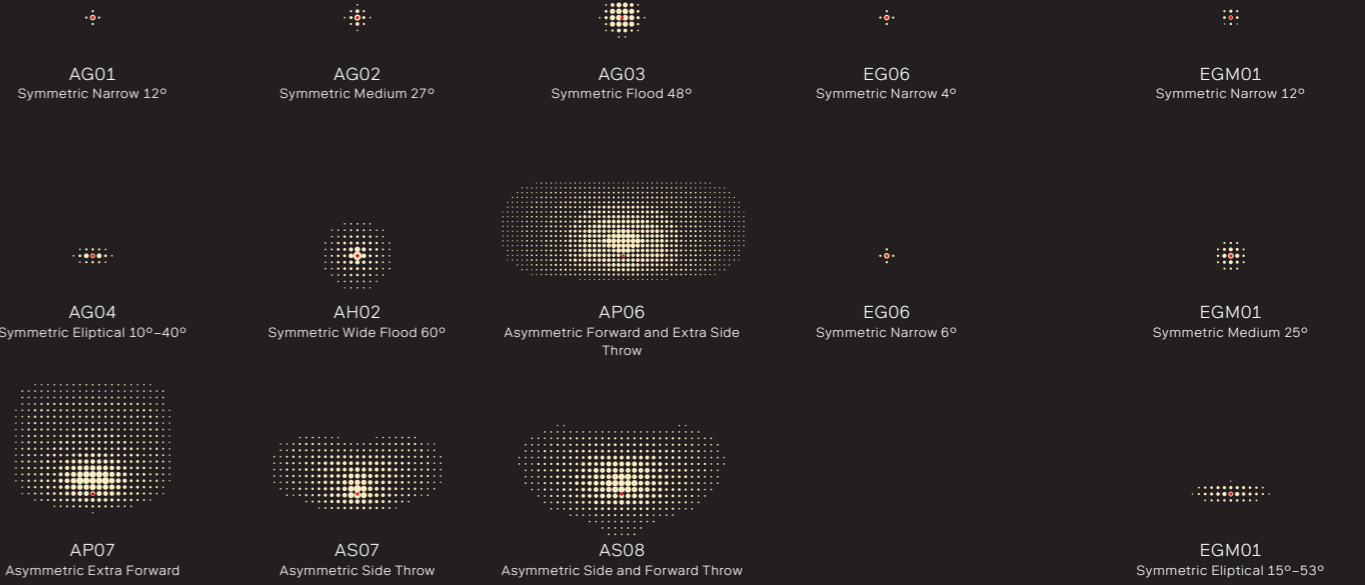
Driver (external) Monochrome

Control Options	Monochrome	RGBW	Tunable White
Control Options	ON OFF DALI X X LYS	DALI DMX X X	T8 DALI X X
Programming [optional]	Constant Lumen Output (CLO) Emergency power supply (AC/DC) Stand-alone		
Control accessories	Further accessories on request		
Software	connexx light management software for remote management of intelligent luminaire clusters		

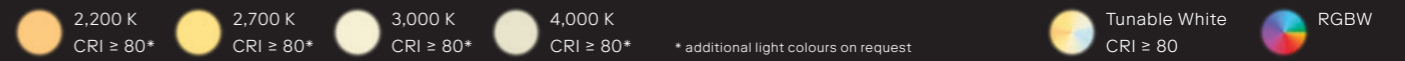
A
SERIES

Precision lens optics

E
SERIES



Monochrome



Performance

[Download table](#)

Distribution	AG01	AG02	AG03	AG04	AH02	AP06	AP07	AS07	AS08	EG06	EG06	EGM01	EGM01	EGM01
Beam angle	12°	27°	48°	10°-40°	60°	-	-	-	-	4°	6°	12°	25°	15°-53°
MacAdam ellipses (SDCM)	≤ 5 SDCM										≤ 5 SDCM			
Nr. of LEDs	36										24		24	
Luminous flux [lm]											8,750		3,600	
Monochrome at 4,000 K	13,270													
Tunable White at 5,000 K													3,600	
RGBW at 4,000 K													5,300	

Accessories

External ewoLightLayers*

Internal ewoLightLayers**



Full Snoot



Half Snoot



Honeycomb Louvre



Circular Louvre

* field installable but not field changeable
** factory installed