

we-ef

PROJECTOR SERIES

Architecture / Landscape

FLC300



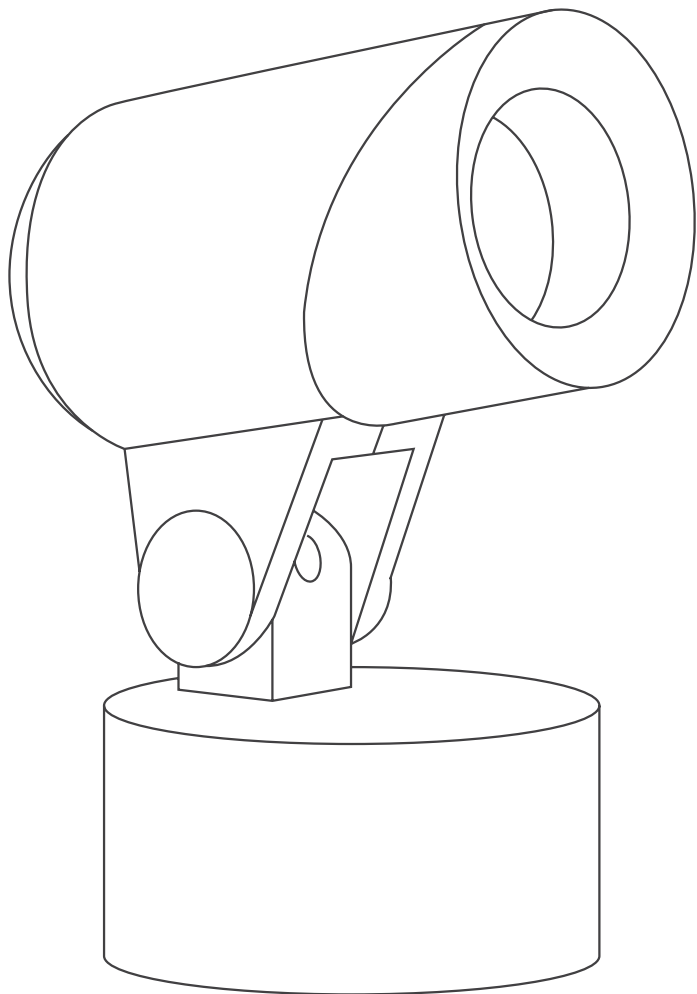
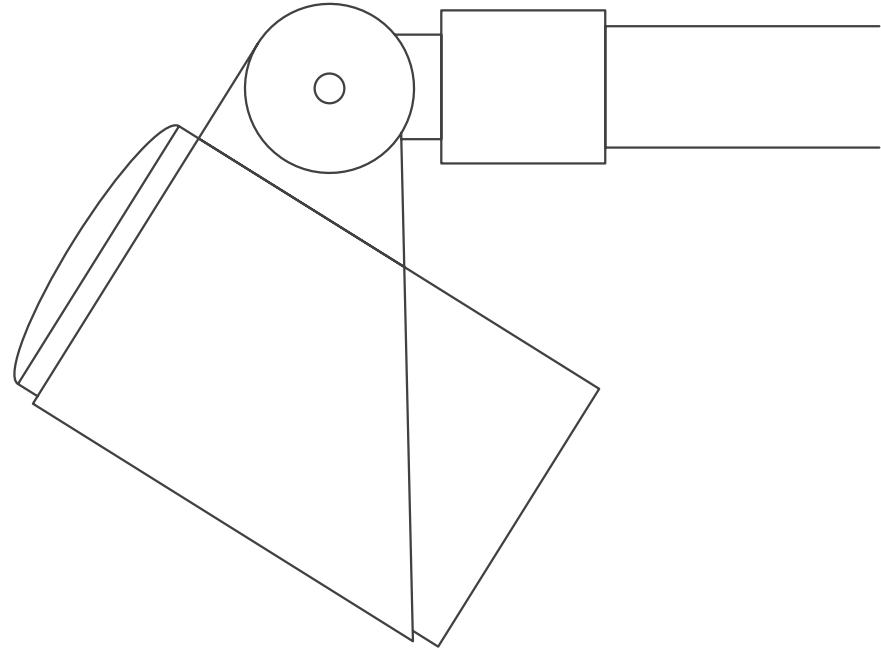


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DESIGNER CONCEPT

FLC300 projector series offer landscape architects and lighting designers with a modern projector series that will complement most of the project settings - be it a building or a garden - with a simple and unobtrusive design that can be individually configured.

- A family of projectors FLC301/ FLC311/ FLC321 designed with simplicity in mind that can integrate seamlessly to any type of architecture - modern, historic townscape, natural surroundings, etc.
- A more compact projector range with 1 LED and 3 LED to fulfill the market demand.
- Universal application focusing on the most relevant options: Spigot mounted, Surface mounted, Wall bracket, RAIL66 system and Space frame.



DESIGN EVOLUTION



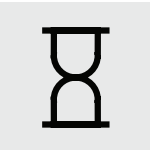
Modern solution for architectural and landscape lighting

Turning your lighting concept into a successful project with a variety of lighting effects suitable for any application challenges.



FLC311 [M] surface mounted 12 W 2700 K

FEATURES & BENEFITS



DURABILITY

In-house developed technologies (5CE anti-corrosion treatment and PCS hardware) to ensure a long component life.



LIGHTING SOLUTION

Precise optic, direct light exactly where it is needed.



RECYCLING

At the end of its service life, the aluminium housing can be disassembled and recycled.



5CE



5CE + PRIMER

Quality checks on finish part up to 3,000 hours salt spray exposure test.

5CE + Primer is suitable for coastal and aggressive environments.



PCS

Polymer coated stainless steel hardware protect against galvanic corrosion and ensures longevity.

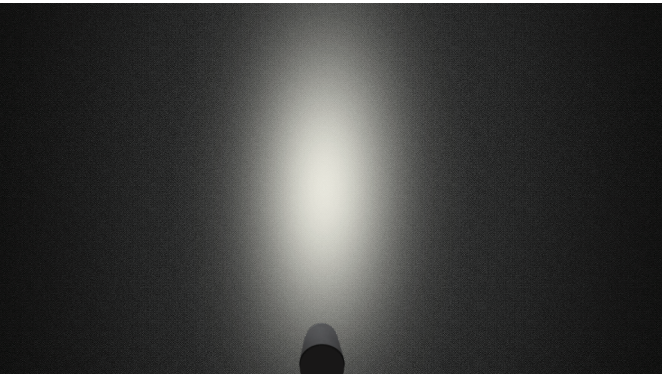


FACTORY SEALED

Supplied ready for connections without opening the luminaire.

Continuously adjustable linear spread lens and glare shield

Simple and economical to use in practice and easily adjustable on-site.



Vertical aiming



Horizontal aiming



NO TOOL REQUIRED FOR ADJUSTMENT

Luminaire frame can be turned by hand to adjust orientation at any time after installation.

CONSTRUCTION

Luminaire housing:

Marine-grade, all aluminium construction
(for wall bracket version)

Marine-grade, die-cast aluminium alloy
(for spigot mounted, surface mounted,
RAIL66 and space frame)



IP 66



IK 07 / IK 08



CLASS I



CLASS III

1 Driver

Integral EC electronic converter
(for mains voltage and 24VDC
low voltage)

2 LED lens

PMMA lens

3 Gasketing

Silicone CCG®
Controlled Compression Gasket

4 Main lens

Safety glass

5 Corrosion protection

5CE, 5CE + Primer

6 Control options

Dimmable and low voltage
options available



FLC301



FLC311



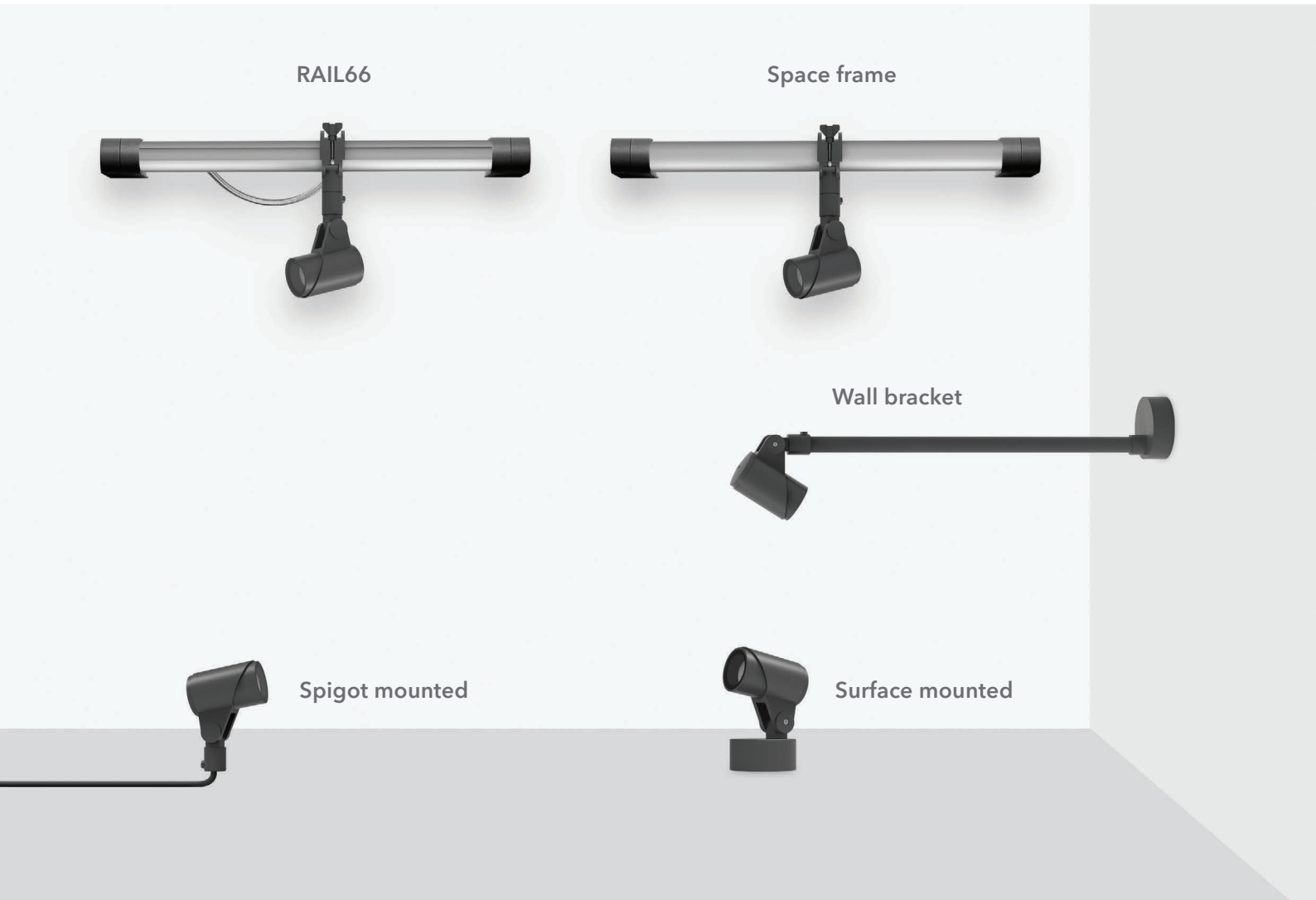
FLC321



PRODUCT OVERVIEW

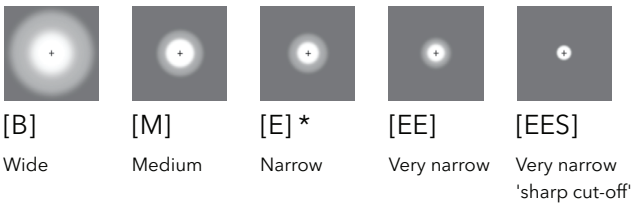
Universal application

A projector system so complete and thought through from the start.



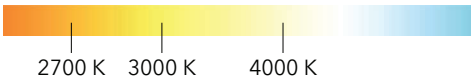
Control options:

1-10 V (for low voltage 24VDC)
1-10 V / DALI (for main voltage 220 – 240VAC)



FLC300	Wattage	Light distribtion	Nominal lumens
FLC301	4–6 W for AC / 24 VDC	[B] [M] [E] [EE] [EES]	455–720 lm
FLC311	6–12 W for AC / 24 VDC	[B] [M] [EE] [EES]	720–1590 lm
FLC321	12–26 W for AC / 24 VDC	[B] [M] [EE] [EES]	1620–3450 lm

Standard white

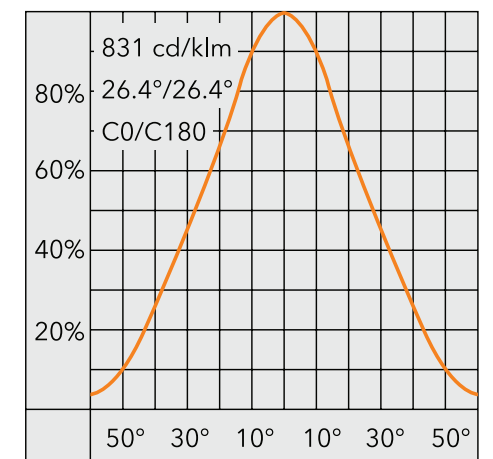
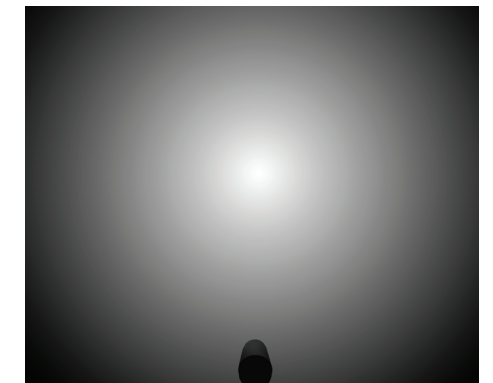


2200 K on request
* Available for FLC301 only

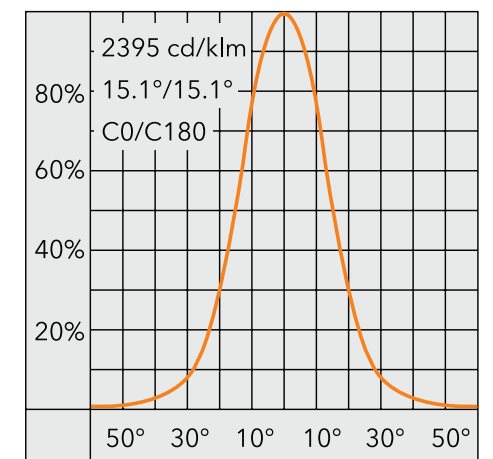
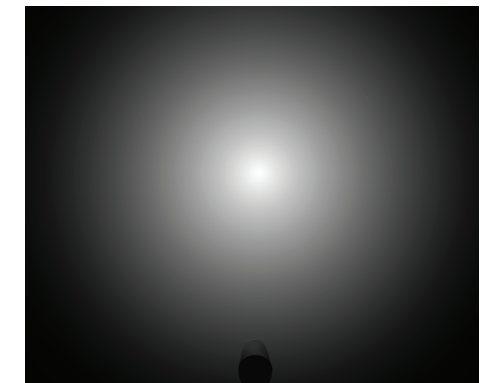
Shown above are nominal lumens for 2700 K – 4000 K at T_q = 25°C

SYMMETRIC LIGHT DISTRIBUTION OVERVIEW

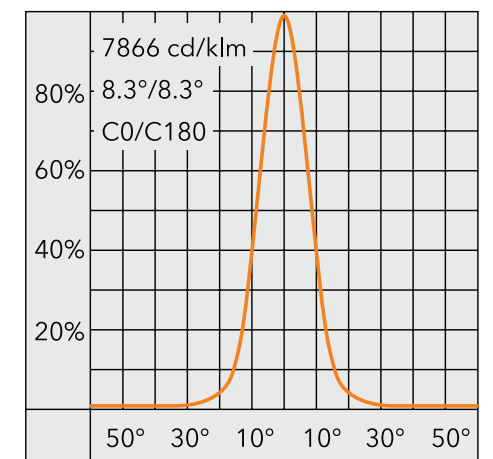
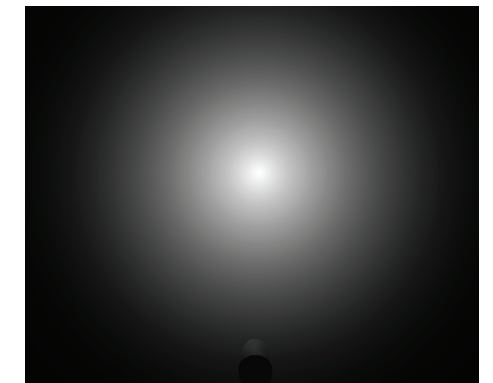
	Light distribution	+ Wallwash	+ Linear spread lens	+ Honeycomb louvre
[B] Wide		Not recommended	Not recommended	Not recommended
[M] Medium				
[E] Narrow		Not recommended		
[EE] Very narrow		Not recommended		
[EES] Very narrow 'sharp cut-off'		Not recommended		



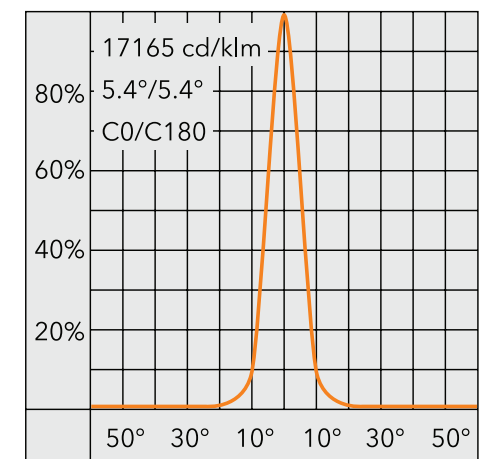
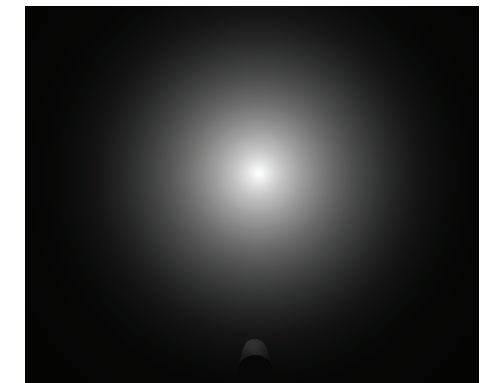
[B] Wide
(26° / 26°)



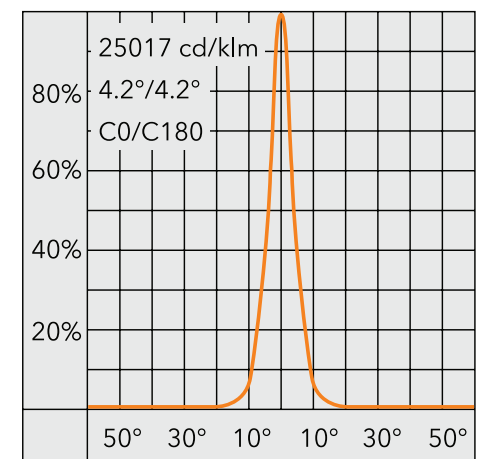
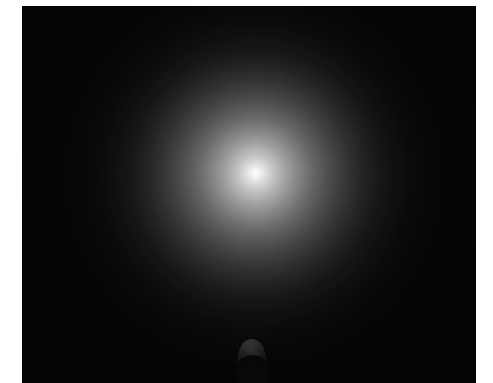
[M] Medium
(15° / 15°)



[E] Narrow
(8° / 8°)



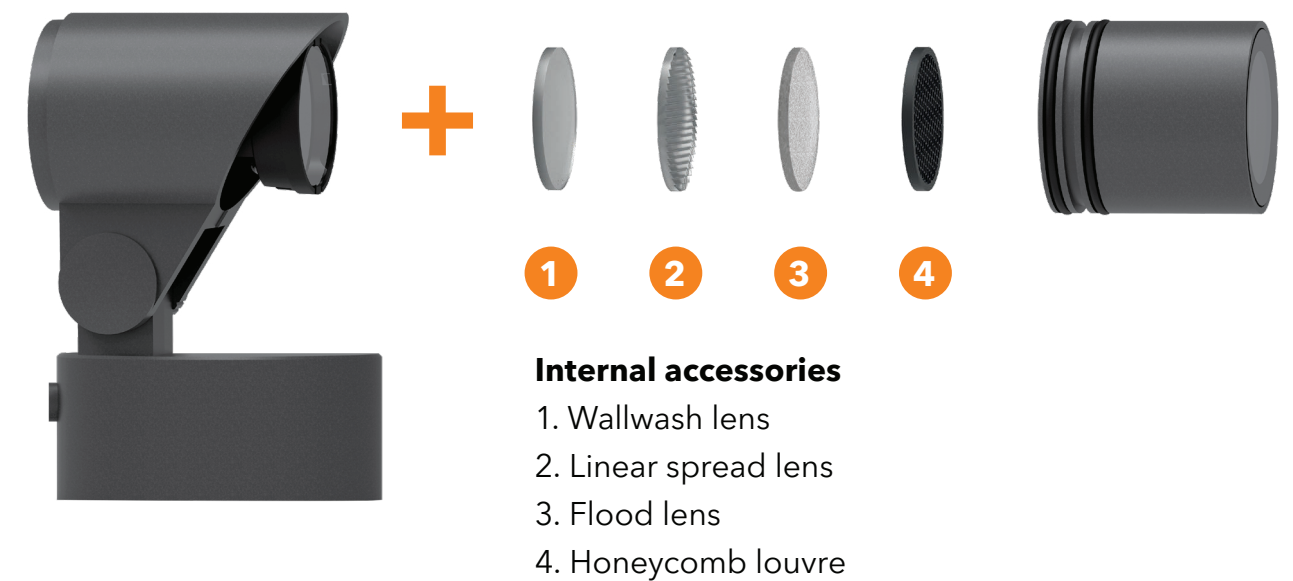
[EE] Very narrow
(5° / 5°)



[EES] Very narrow 'sharp cut-off'
(4° / 4°)

INTERNAL OPTICAL ACCESSORIES

Internal optical accessories are factory-installed and must be specified at the time of ordering



1 Wallwash for [M]



Suitable for:
Wallwashing or vertical illuminating, common lighting in architecture to provide uniform illumination and perfect visual comfort due to very good glare control. Ideal for buildings, columns, wall, etc. This is more effective on white or light coloured walls as it reflects more light.

2 Linear spread lens for [M] [E] [EE] [EES]



Suitable for:
Spreading light horizontally or vertically with a 52°– 84° spread (depending on size). Ideal for diffusing and elongating a beam of light to structures such as columns, illuminating passages and corridor. Providing an extra level of control in lighting applications.

3 Flood lens for [EE] [EES]



Suitable for:
Dispersing light in a wide with more to side-to-side coverage. Brighten and widespread the beam, designed to illuminate a large area.

4 Honeycomb louvre for [E] [EE] [EES]



Suitable for:
Reducing effects of glare at 45° angle with minimal loss of light output. It can also be used in application such as wall grazing to cut-off stray light (glare) from the beam centre. It decreases centre beam brightness by about 30%. It's main use is in controlling glare.

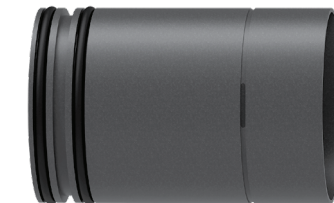
EXTERNAL ACCESSORIES

External optical accessories are factory-installed and must be specified at the time of ordering



1 Glare shield for [B] [M] [E] [EE] [EES]

Suitable for:
Reducing the amount of light projected into the viewers’ eye to eliminate disturbance. Diffusing glare and increase control of the light source. Hand adjustable at anytime on-site.



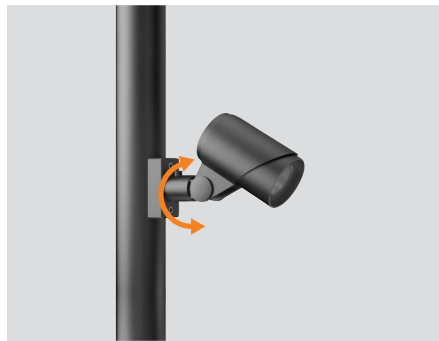
2 Snoot for [B] [M] [E] [EE] [EES]

Suitable for:
Reducing glare by simply narrowing the angle of light by to achieve a precise light placement.

MOUNTING ACCESSORIES

The solutions to your project challenges with multitude of mounting accessories to choose from...

FLC300 - Spigot mounted



Column fitter
For mounting on poles and flat surfaces



Junction box, wall entry
For through wiring



Junction box, side entry



Junction box, conduit side entry
For application where it is not possible to install directly into the wall



Flat surface fitter



Ground spike
For ground mounting

FIC300 - Surface mounted



Pole clamp – single

Suitable for mounting on poles
dia. ø 36-60 mm | ø 76-89 mm



Pole clamp – double

Suitable for mounting on poles
dia. ø 36-60 mm | ø 76-89 mm



Planted root

Must be used in
conjunction with short post



Short post

For on-ground mounting

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