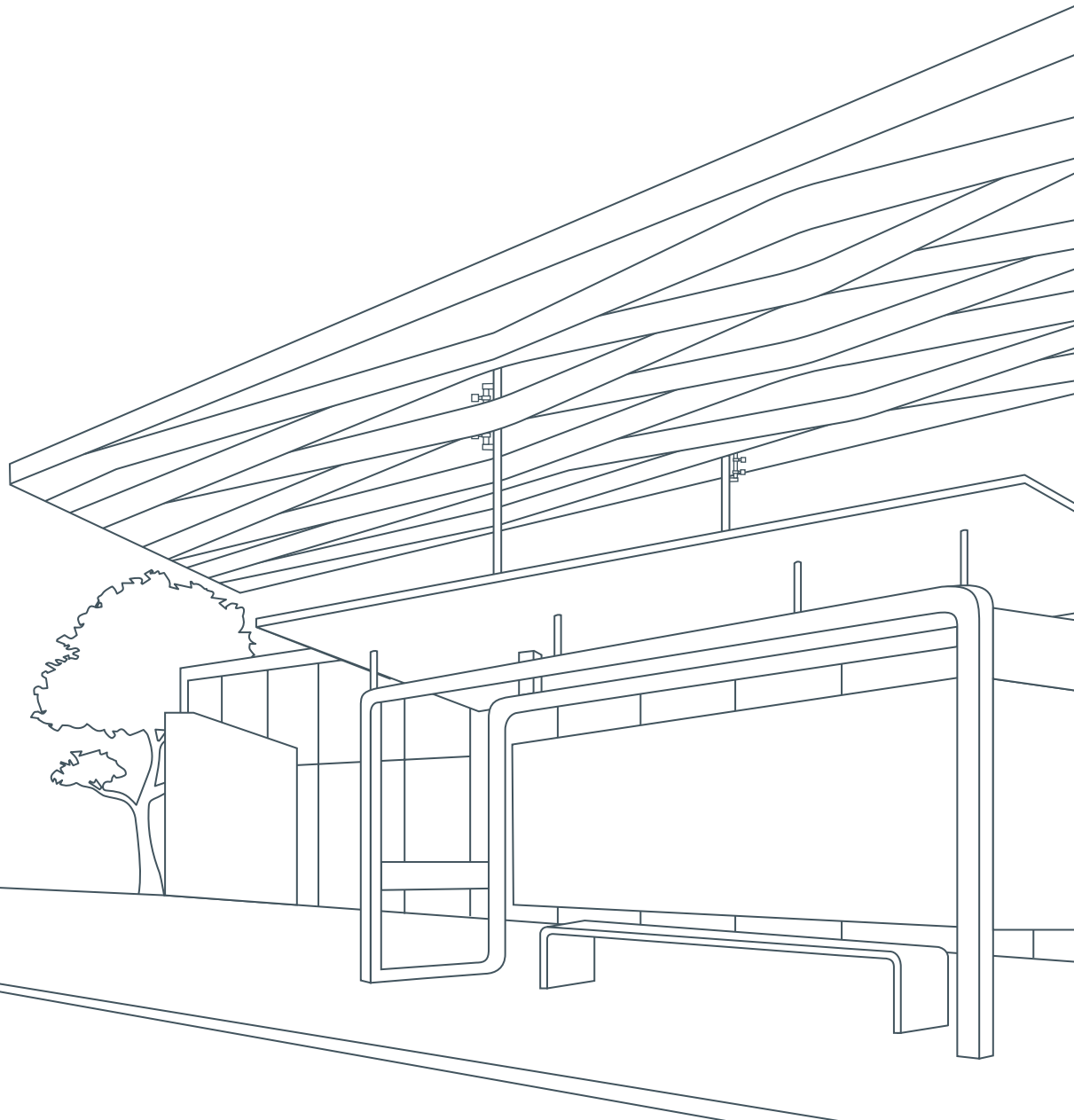


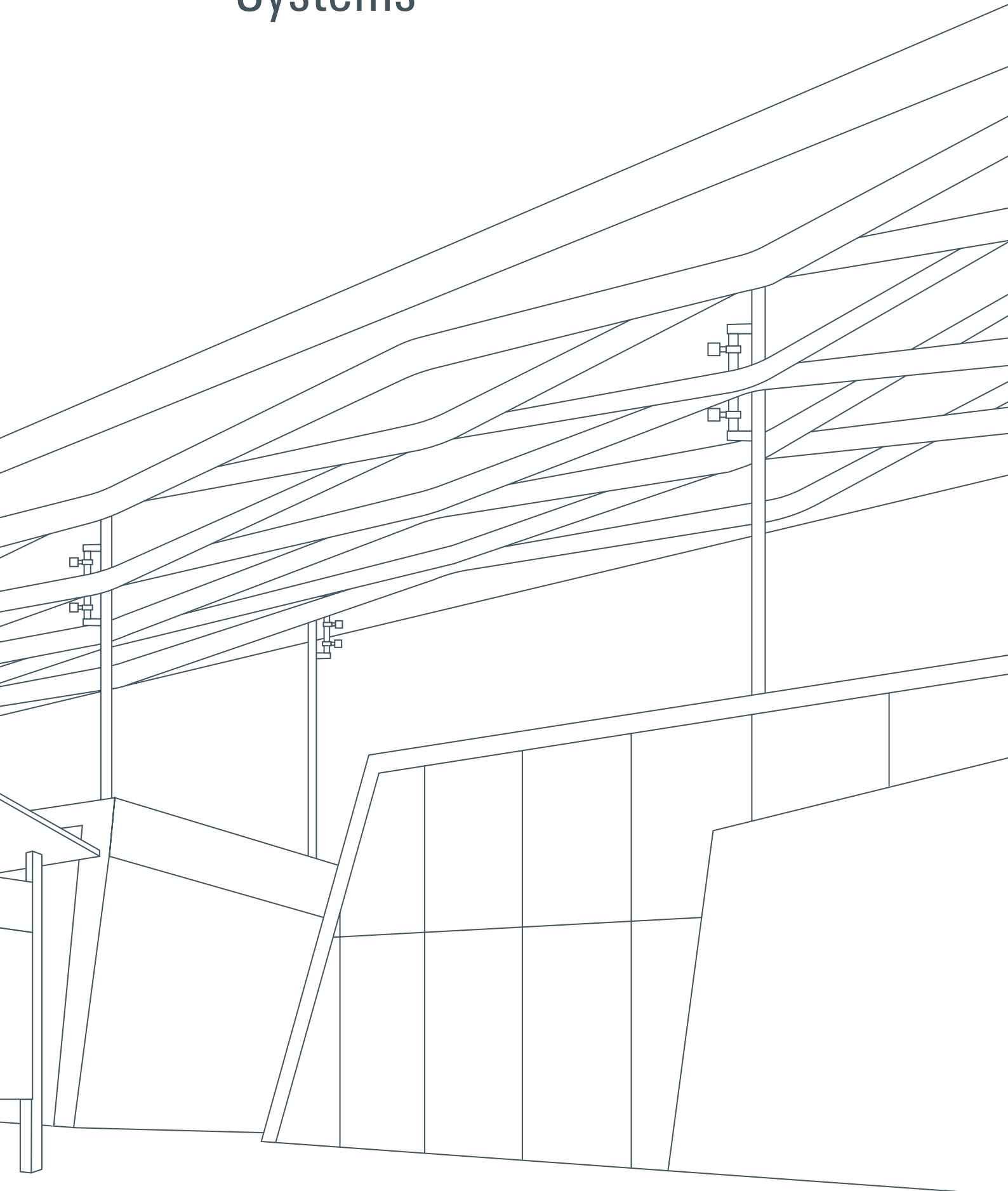
Every city is different. Every lighting task in public space has its own individual character.

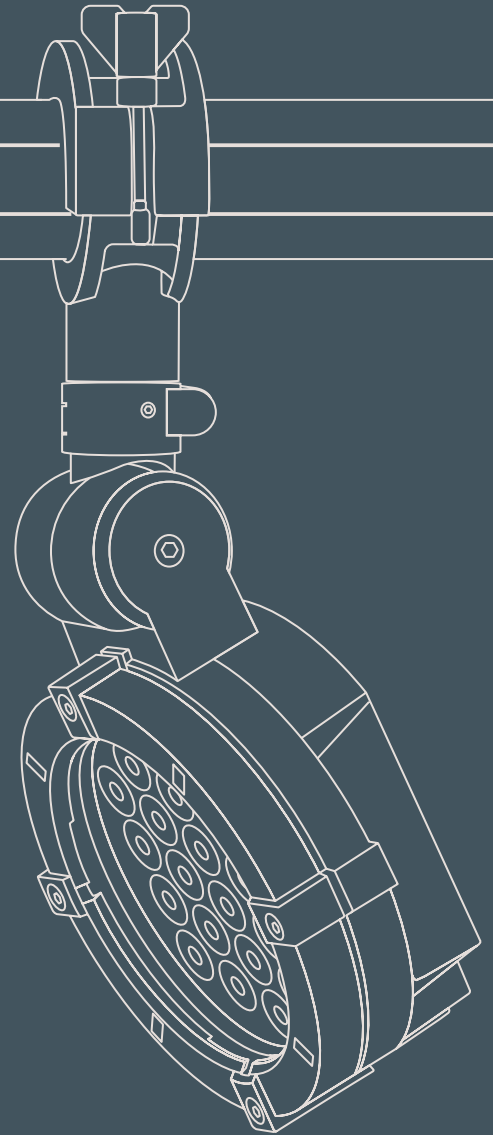
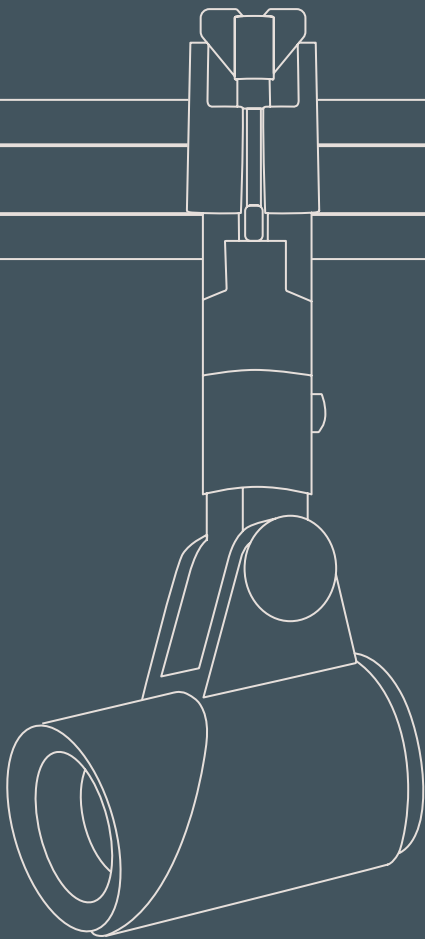
This is a situation that calls for tailored lighting solutions. With WE-EF's systems for outdoor lighting, putting together the perfect ensemble for any given lighting challenge is easy.

These systems consist of carefully curated sets of combinable elements, e.g., for assembly, power supply and lighting technology.



Systems



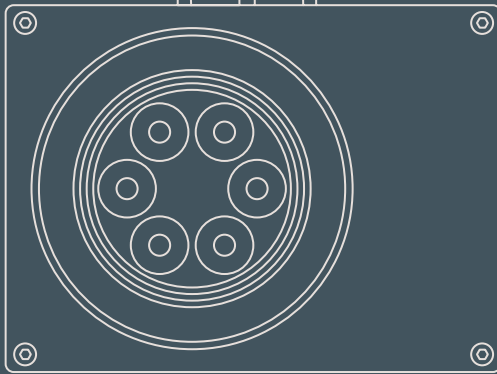
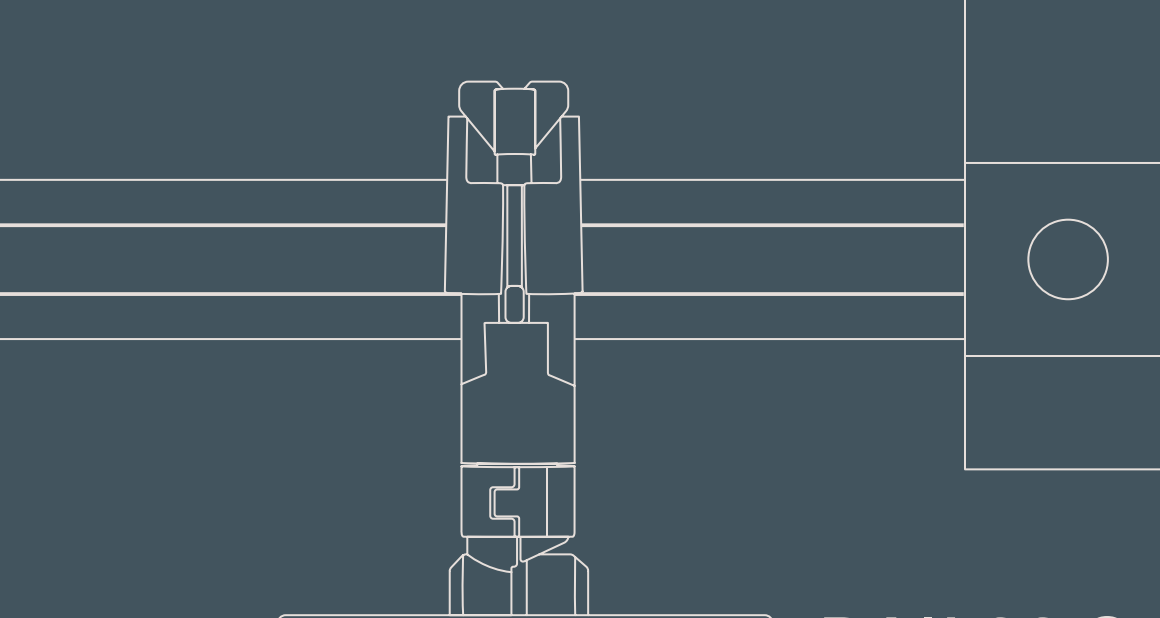


Whenever directional lighting needs to be repeatedly adapted to changing conditions – reconfigured, aligned, readjusted – the flexibility of RAIL66 comes into full play.

WE-EF offers with RAIL66, a flexible, weatherproof rail system for outdoor use. Its robust extruded profiles in different lengths carry up to six matching projectors and supply them with power.

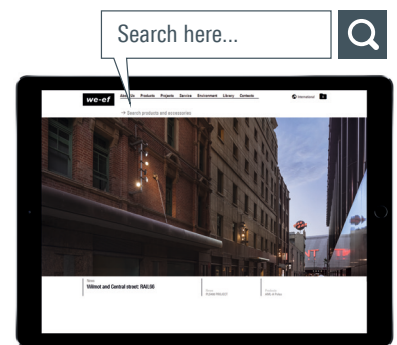
All RAIL66 projectors can be freely positioned and aligned; they do not need to be opened during installation.

There are various installation variants for façades, steel structures and poles as well as a mobile variant as a special version.



RAIL66 System

FLD100	340
FLC100	342
FLC300	344
RAIL66 Universal	346
RAIL66 Cantilever	348



RAIL66 system

For detailed specifications, product codes and latest performance data, refer to www.we-ef.com



The Calyx Royal Botanic Garden

Rail System in a Tropical Climate

This airy new glass building in the verdant oasis at the heart of Sydney's Central Business District includes a foyer, exhibition rooms, a shop and various greenhouses. WE-EF's RAIL66 mounting system offers the lighting flexibility needed for such a hub of activity as well as IP66 protection for reliable operation in tropical conditions. RAIL66 FLC100 series projectors installed on the rails provide accentuated lighting in the exhibition areas and general lighting in the garden shop. A customised add-on lens construction permits variable beam angles without having to open the projectors.



The Calyx, Royal Botanic Garden
Sydney (AU)
Architect: PTW Architects and McGregor Coxall
Lighting design: Benjamin Cisterne



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	Including 0.4 m of flexible cable enclosed in stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system
Control:	Optional DALI version available. To be specified at time of ordering

CLASS 1

IP66

IK07

Available distributions:

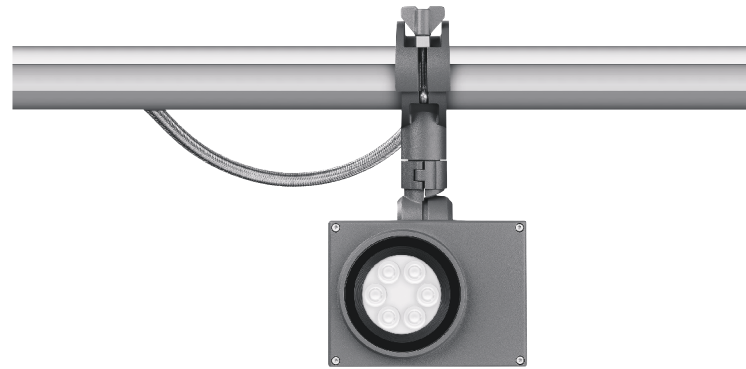
[B] [M] [EE] [EES] [A20]

Standard colours:


RAL 9004 9006 9007 7016 9016

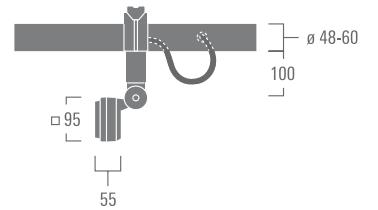
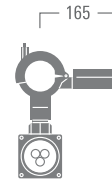


- [B] Symmetric, wide beam
- [M] Symmetric, medium beam
- [EE] Symmetric, very narrow beam
- [EES] Symmetric, very narrow beam, 'sharp cut-off'
- [A20] Asymmetric, wallwash



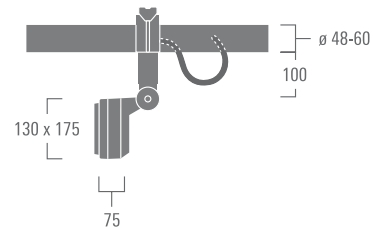
FLD111

[B] [M] [EE] [EES] [A20]
 6 W
 390-590 lm
 Max. 1 internal accessory



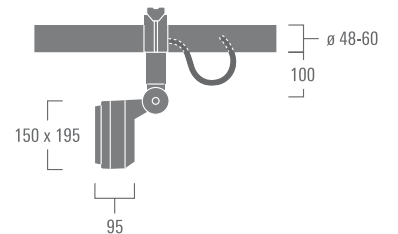
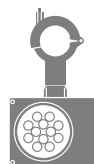
FLD121

[B] [M] [EE] [EES] [A20]
 12 W
 970-1270 lm
 Max. 1 internal accessory



FLD131

[B] [M] [EE] [EES] [A20]
 24 W
 1940-2530 lm
 Max. 1 internal accessory



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 346



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	Including 0.4 m of flexible cable enclosed in stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system
Control:	Optional DALI version available. To be specified at time of ordering

CLASS 1

IP66

IK07

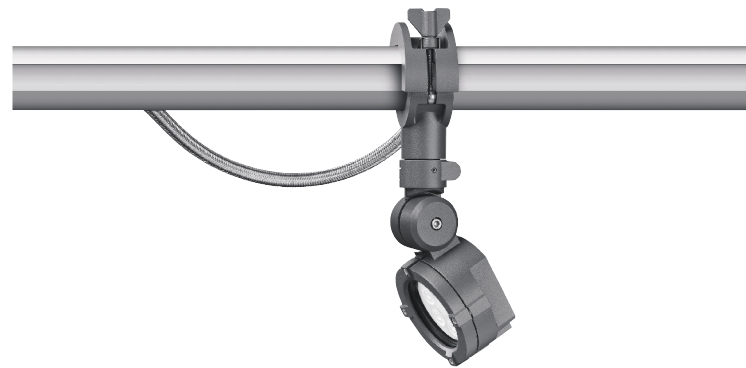
Available distributions:
[B] [M] [EE] [EES] [A20]

Standard colours:





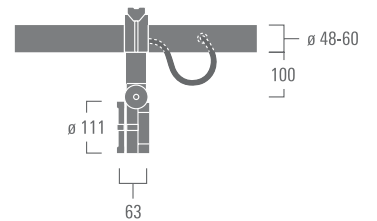
- [B] Symmetric, wide beam
- [M] Symmetric, medium beam
- [EE] Symmetric, very narrow beam
- [EES] Symmetric, very narrow beam, 'sharp cut-off'
- [A20] Asymmetric, wallwash



FLC121

[B] [M] [EE] [EES] [A20]

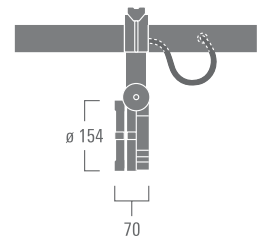
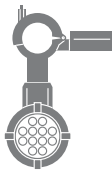
12 W
1140-1370 lm
Max. 1 internal accessory



FLC131

[B] [M] [EE] [EES] [A20]

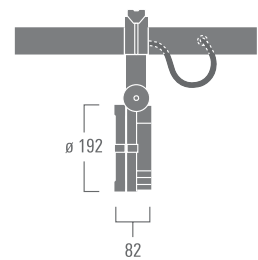
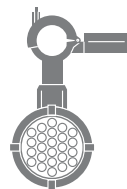
24 W
2280-2610 lm
Max. 1 internal accessory



FLC141

[B] [M] [EE] [EES] [A20]

48 W
4570-5460 lm
Max. 1 internal accessory



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 346



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	Including 0.4 m of flexible cable enclosed in stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system

CLASS I

IP66

IK08

Available distributions:

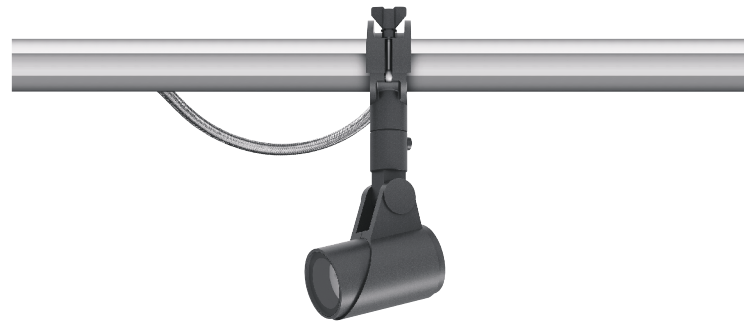
[B] [M] [EE] [EES]

Standard colours:


RAL 9004 9006 9007 7016 9016

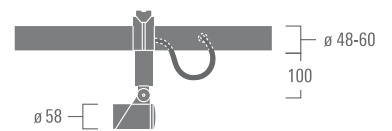


- [B] Symmetric, wide beam
- [M] Symmetric, medium beam
- [EE] Symmetric, very narrow beam
- [EES] Symmetric, very narrow beam, 'sharp cut-off'



FLC301

[B] [M] [EE] [EES]
 4 W
 530 lm
 Max. 1 internal accessory
 Max. 1 external accessory



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 346



RAIL66:	Marine-grade, all-aluminium construction Anodised rail extrusion
Corrosion protection:	5CE, including PCS hardware
Gasketing:	Silicone rubber gasket
Installation:	In any desired orientation, on walls and columns, under roof and ceiling structures etc.
Mains connection:	Concealed termination chamber Rail extrusion features internal wiring and up to six countersunk, IP rated, compact mains outlets

IP66

Standard colours:

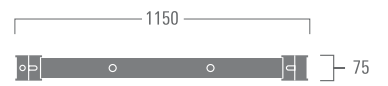
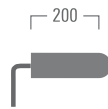


RAL 9004 9006 9007 7016 9016



RAIL66 UNIVERSAL

2-3 projectors



3-4 projectors



4-6 projectors





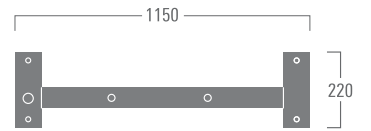
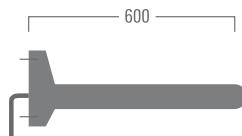
RAIL66:	Marine-grade, all-aluminium construction Anodised rail extrusion	IP66
Corrosion protection:	5CE, including PCS hardware	
Gasketing:	Silicone rubber gasket	
Installation:	Horizontal wall mounting	
Mains connection:	Concealed termination chamber Rail extrusion features internal wiring and up to six countersunk, IP rated, compact mains outlets	



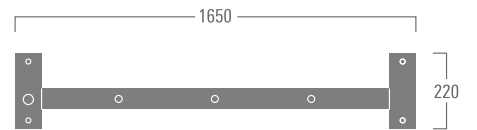


RAIL66 CANTILEVER

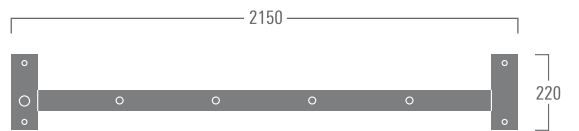
2-3 projectors



3-4 projectors

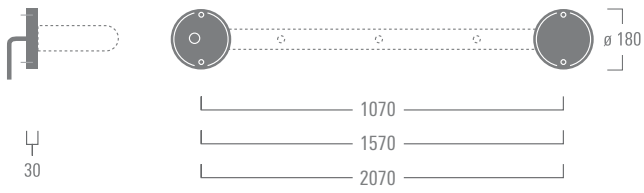


4-6 projectors

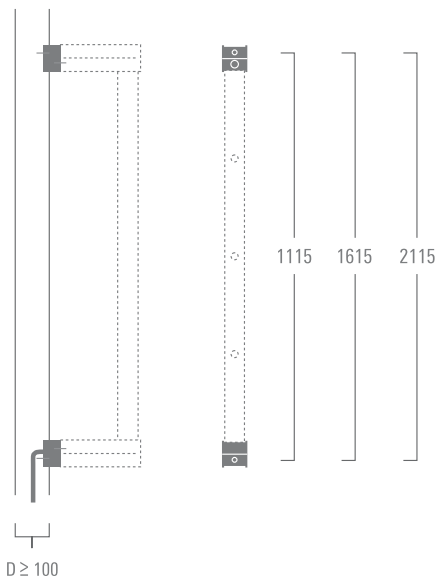


Mounting accessories

for RAIL66 UNIVERSAL



Flat surface fitters (pair) – provide enhanced mounting surface coverage and facilitate concealing of a recessed junction box.



Column fitters (pair) – allow installation to pipe structures and columns of (minimum) 100 mm diameter.

RAIL66

Adjustable directional lighting system. IP66 rated for operation in demanding outdoor environments.



RAIL66 UNIVERSAL

For installation in any desired orientation, on walls, columns, structures, etc.

- [1] One single cable entry provides mains voltage connection for up to six projectors. Concealed termination chamber.
- [2] Rail extrusion features internal wiring and up to six countersunk, IP rated, compact mains outlets.
- [3] The projector's die-cast aluminium clamp attaches to the rail. Matching clamp/rail details facilitate either perfect alignment of several projectors in one row, or precise offset in increments of 90 degrees.
- [4] Extensive horizontal and vertical aiming range for practically infinite directional adjustment.



RAIL66 CANTILEVER

CANTILEVER outreach of 600 mm particularly suitable for wallwash and signboard lighting applications.

