

### Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation. Knuckle permits 340° rotation, forward tilt 30° and backward tilt 90°.

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Mains voltage versions, ON-OFF Class I. Integral EC electronic converter.






Optical accessories are factory-installed. To be specified at time of ordering.

## Projectors

### Specifications

#### Material description

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.01 m <sup>2</sup>

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#### Electrical description

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Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter
Power factor	>0.9

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#### Additional information

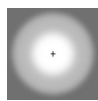
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Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	D-E (Light source)

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### Options

#### Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



symmetric, very narrow beam, sharp cut-off [EES]



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

#### Colour temperature



2700 K



3000 K

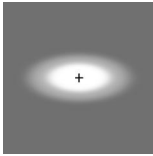
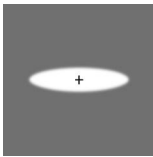
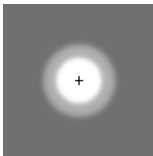
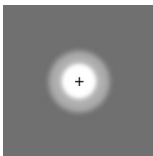

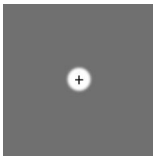
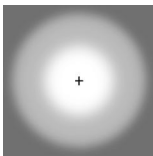


4000 K

#### Nominal Watt


0 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7198+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	0.80
	145-7199+145-7229	LED-1/4W / 350 mA - 3000 K	384.7	5 W	80	0.80
	145-7200+145-7229	LED-1/4W / 350 mA - 4000 K	416.1	5 W	80	0.80
linear spread, very narrow beam, sharp cut-off [EES] 	145-7201+145-7229	LED-1/4W / 350 mA - 2700 K	343.5	5 W	80	0.80
	145-7202+145-7229	LED-1/4W / 350 mA - 3000 K	343.5	5 W	80	0.80
	145-7203+145-7229	LED-1/4W / 350 mA - 4000 K	369.9	5 W	80	0.80
symmetric, medium beam [M] 	145-7195	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	0.80
	145-7196	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	0.80
	145-7197	LED-1/4W / 350 mA - 4000 K	431	5 W	80	0.80
symmetric, narrow beam [E] 	145-7243	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	0.80
	145-7244	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	0.80
	145-7245	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	0.80
symmetric, very narrow beam [EE] 	145-7198	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	0.80
	145-7199	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	0.80
	145-7200	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	0.80
symmetric, very narrow beam, sharp cut-off [EES] 	145-7201	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	0.80
	145-7202	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	0.80
	145-7203	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	0.80
symmetric, wide beam [B] 	145-7192	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	0.80
	145-7193	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	0.80
	145-7194	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	0.80
wallwash	145-7195+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	0.80

# FLC301 Surface mounted Projectors

**we-ef**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	145-7196+145-7230	LED-1/4W / 350 mA - 3000 K	331.7	5 W	80	0.80
	145-7197+145-7230	LED-1/4W / 350 mA - 4000 K	358.8	5 W	80	0.80

## WE-EF LEUCHTEN GmbH

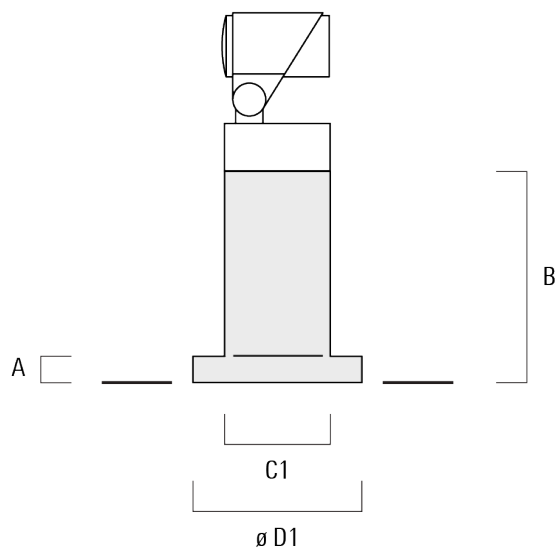
Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0  
info@we-ef.com - <https://we-ef.com>

Subject to technical changes and errors. - Generated on 23/11/2024

### Mounting Accessories

#### Short post EM

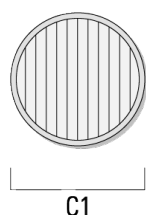
Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC301	145-9200	26	200	100	160	1.10



### Optical Accessories

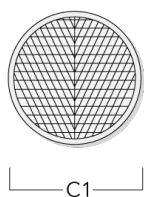
#### Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



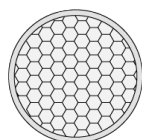
#### Wallwash lens

Description	Part ID	C1
IO-20-WW-FLC301-LED	145-7230	42.5



### Honeycomb louvre

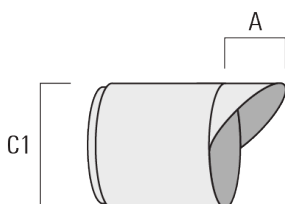
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



C1

### Glare shield

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58





**Snoot**

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Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

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