

### **Description**

IP66. IK08. 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 73° and backward tilt 90°.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Including 1.5 m of flexible PVC free cable.

Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

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

## Projectors

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### Specifications

#### Material description

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|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colours              |  RAL9004 Signal black<br> RAL9006 White aluminium<br> RAL9007 Grey aluminium<br> RAL7016 Anthracite grey<br> RAL9016 Traffic white |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS hardware  |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE   |
| Windage              | 0.020 m <sup>2</sup>  |

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#### Electrical description

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|                  |      |
|------------------|------|
| Driver / Ballast | DALI |
| 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, very narrow beam [EE]



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



wallwash



linear spread, very narrow beam [EE]



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

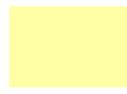
#### Colour temperature



2700 K



3000 K

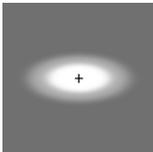
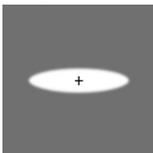
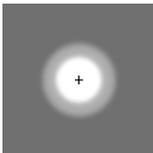
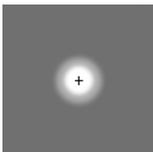


4000 K

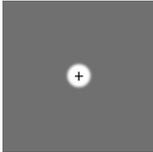
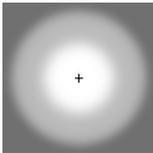
#### Nominal Watt

0 W

### Configurations

| Light distribution  | Part ID           | Light source                | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|-------------------|-----------------------------|--------------|-------------------|-----|-------------|
| linear spread, very narrow beam [EE]<br>                  | 145-7618+145-7781 | LED-3/6W / 180 mA - 2700 K  | 539.2        | 7.5 W             | 80  | 1.60        |
|   | 145-7619+145-7781 | LED-3/9W / 250 mA - 2700 K  | 756.9        | 11 W              | 80  | 1.60        |
|   | 145-7620+145-7781 | LED-3/12W / 350 mA - 2700 K | 1016.1       | 13.9 W            | 80  | 1.60        |
|   | 145-7621+145-7781 | LED-3/6W / 180 mA - 3000 K  | 539.2        | 7.5 W             | 80  | 1.60        |
|   | 145-7622+145-7781 | LED-3/9W / 250 mA - 3000 K  | 756.9        | 11 W              | 80  | 1.60        |
|   | 145-7623+145-7781 | LED-3/12W / 350 mA - 3000 K | 1016.1       | 13.9 W            | 80  | 1.60        |
|   | 145-7624+145-7781 | LED-3/6W / 180 mA - 4000 K  | 580.6        | 7.5 W             | 80  | 1.60        |
|   | 145-7625+145-7781 | LED-3/9W / 250 mA - 4000 K  | 808.7        | 11 W              | 80  | 1.60        |
|   | 145-7626+145-7781 | LED-3/12W / 350 mA - 4000 K | 1099.1       | 13.9 W            | 80  | 1.60        |
| linear spread, very narrow beam, sharp cut-off [EES]<br> | 145-7627+145-7781 | LED-3/6W / 180 mA - 2700 K  | 528.4        | 7.5 W             | 80  | 1.60        |
|   | 145-7628+145-7781 | LED-3/9W / 250 mA - 2700 K  | 748.5        | 11 W              | 80  | 1.60        |
|   | 145-7629+145-7781 | LED-3/12W / 350 mA - 2700 K | 1001.7       | 13.9 W            | 80  | 1.60        |
|   | 145-7630+145-7781 | LED-3/6W / 180 mA - 3000 K  | 528.4        | 7.5 W             | 80  | 1.60        |
|   | 145-7631+145-7781 | LED-3/9W / 250 mA - 3000 K  | 748.5        | 11 W              | 80  | 1.60        |
|   | 145-7632+145-7781 | LED-3/12W / 350 mA - 3000 K | 1001.7       | 13.9 W            | 80  | 1.60        |
|   | 145-7633+145-7781 | LED-3/6W / 180 mA - 4000 K  | 572.4        | 7.5 W             | 80  | 1.60        |
|   | 145-7634+145-7781 | LED-3/9W / 250 mA - 4000 K  | 803.6        | 11 W              | 80  | 1.60        |
|   | 145-7635+145-7781 | LED-3/12W / 350 mA - 4000 K | 1078.8       | 13.9 W            | 80  | 1.60        |
| symmetric, medium beam [M]<br>                          | 145-7609          | LED-3/6W / 180 mA - 2700 K  | 600.4        | 7.5 W             | 80  | 1.60        |
|   | 145-7610          | LED-3/9W / 250 mA - 2700 K  | 842.9        | 11 W              | 80  | 1.60        |
|   | 145-7611          | LED-3/12W / 350 mA - 2700 K | 1131.6       | 13.9 W            | 80  | 1.60        |
|   | 145-7612          | LED-3/6W / 180 mA - 3000 K  | 600.4        | 7.5 W             | 80  | 1.60        |
|   | 145-7613          | LED-3/9W / 250 mA - 3000 K  | 842.9        | 11 W              | 80  | 1.60        |
|   | 145-7614          | LED-3/12W / 350 mA - 3000 K | 1131.6       | 13.9 W            | 80  | 1.60        |
|   | 145-7615          | LED-3/6W / 180 mA - 4000 K  | 646.6        | 7.5 W             | 80  | 1.60        |
|   | 145-7616          | LED-3/9W / 250 mA - 4000 K  | 900.6        | 11 W              | 80  | 1.60        |
|   | 145-7617          | LED-3/12W / 350 mA - 4000 K | 1224         | 13.9 W            | 80  | 1.60        |
| symmetric, very narrow beam [EE]<br>                    | 145-7618          | LED-3/6W / 180 mA - 2700 K  | 605.2        | 7.5 W             | 80  | 1.60        |
|   | 145-7619          | LED-3/9W / 250 mA - 2700 K  | 849.6        | 11 W              | 80  | 1.60        |
|   | 145-7620          | LED-3/12W / 350 mA - 2700 K | 1140.5       | 13.9 W            | 80  | 1.60        |
|   | 145-7621          | LED-3/6W / 180 mA - 3000 K  | 605.2        | 7.5 W             | 80  | 1.60        |
|   | 145-7622          | LED-3/9W / 250 mA - 3000 K  | 849.6        | 11 W              | 80  | 1.60        |
|   | 145-7623          | LED-3/12W / 350 mA - 3000 K | 1140.5       | 13.9 W            | 80  | 1.60        |
|   | 145-7624          | LED-3/6W / 180 mA - 4000 K  | 651.7        | 7.5 W             | 80  | 1.60        |

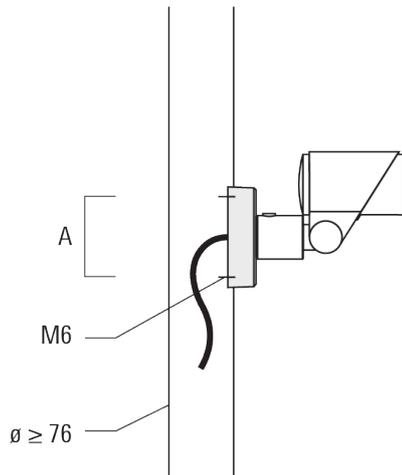
## Projectors

| Light distribution   | Part ID                     | Light source                | Rated lumens | Rated input power | CRI  | Weight (kg) |
|--|-----------------------------|-----------------------------|--------------|-------------------|------|-------------|
| symmetric, very narrow beam, sharp cut-off [EES]<br> | 145-7625                    | LED-3/9W / 250 mA - 4000 K  | 907.8        | 11 W              | 80   | 1.60        |
|  | 145-7626                    | LED-3/12W / 350 mA - 4000 K | 1233.6       | 13.9 W            | 80   | 1.60        |
|  | 145-7627                    | LED-3/6W / 180 mA - 2700 K  | 606.3        | 7.5 W             | 80   | 1.60        |
|  | 145-7628                    | LED-3/9W / 250 mA - 2700 K  | 858.9        | 11 W              | 80   | 1.60        |
|  | 145-7629                    | LED-3/12W / 350 mA - 2700 K | 1149.4       | 13.9 W            | 80   | 1.60        |
|  | 145-7630                    | LED-3/6W / 180 mA - 3000 K  | 606.3        | 7.5 W             | 80   | 1.60        |
|  | 145-7631                    | LED-3/9W / 250 mA - 3000 K  | 858.9        | 11 W              | 80   | 1.60        |
|  | 145-7632                    | LED-3/12W / 350 mA - 3000 K | 1149.4       | 13.9 W            | 80   | 1.60        |
|  | 145-7633                    | LED-3/6W / 180 mA - 4000 K  | 656.8        | 7.5 W             | 80   | 1.60        |
|  | 145-7634                    | LED-3/9W / 250 mA - 4000 K  | 922          | 11 W              | 80   | 1.60        |
| 145-7635   | LED-3/12W / 350 mA - 4000 K | 1237.8                      | 13.9 W       | 80                | 1.60 |             |
| symmetric, wide beam [B]<br>                        | 145-7600                    | LED-3/6W / 180 mA - 2700 K  | 595.4        | 7.5 W             | 80   | 1.60        |
|  | 145-7601                    | LED-3/9W / 250 mA - 2700 K  | 835.8        | 11 W              | 80   | 1.60        |
|  | 145-7602                    | LED-3/12W / 350 mA - 2700 K | 1122.1       | 13.9 W            | 80   | 1.60        |
|  | 145-7603                    | LED-3/6W / 180 mA - 3000 K  | 595.4        | 7.5 W             | 80   | 1.60        |
|  | 145-7604                    | LED-3/9W / 250 mA - 3000 K  | 835.8        | 11 W              | 80   | 1.60        |
|  | 145-7605                    | LED-3/12W / 350 mA - 3000 K | 1122.1       | 13.9 W            | 80   | 1.60        |
|  | 145-7606                    | LED-3/6W / 180 mA - 4000 K  | 641.2        | 7.5 W             | 80   | 1.60        |
|  | 145-7607                    | LED-3/9W / 250 mA - 4000 K  | 893.1        | 11 W              | 80   | 1.60        |
| wallwash<br>                                       | 145-7608                    | LED-3/12W / 350 mA - 4000 K | 1213.7       | 13.9 W            | 80   | 1.60        |
|  | 145-7609+145-7782           | LED-3/6W / 180 mA - 2700 K  | 408.7        | 7.5 W             | 80   | 1.60        |
|  | 145-7610+145-7782           | LED-3/9W / 250 mA - 2700 K  | 573.7        | 11 W              | 80   | 1.60        |
|  | 145-7611+145-7782           | LED-3/12W / 350 mA - 2700 K | 770.2        | 13.9 W            | 80   | 1.60        |
|  | 145-7612+145-7782           | LED-3/6W / 180 mA - 3000 K  | 408.7        | 7.5 W             | 80   | 1.60        |
|  | 145-7613+145-7782           | LED-3/9W / 250 mA - 3000 K  | 573.7        | 11 W              | 80   | 1.60        |
|  | 145-7614+145-7782           | LED-3/12W / 350 mA - 3000 K | 770.2        | 13.9 W            | 80   | 1.60        |
|  | 145-7615+145-7782           | LED-3/6W / 180 mA - 4000 K  | 440.1        | 7.5 W             | 80   | 1.60        |
|  | 145-7616+145-7782           | LED-3/9W / 250 mA - 4000 K  | 613          | 11 W              | 80   | 1.60        |
|  | 145-7617+145-7782           | LED-3/12W / 350 mA - 4000 K | 833.1        | 13.9 W            | 80   | 1.60        |

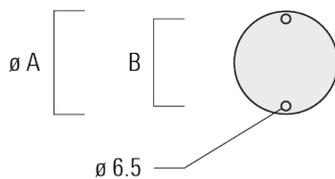
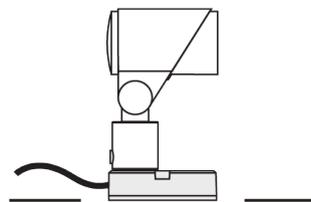
### Mounting Accessories

#### Flat surface and Column fitter

| Description          | Part ID  | A  | B | Weight (kg) |
|----------------------|----------|----|---|-------------|
| Column fitter FLC300 | 145-9536 | 70 |   | 0.20        |



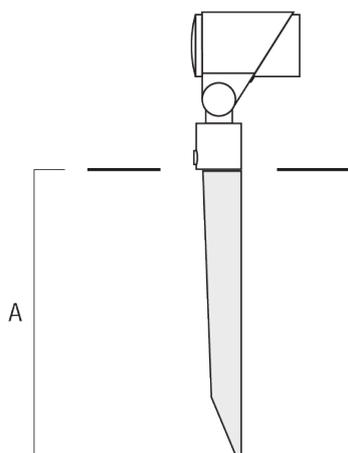
|                            |          |     |    |      |
|----------------------------|----------|-----|----|------|
| Flat surface fitter FLC300 | 145-9535 | 100 | 85 | 0.20 |
|----------------------------|----------|-----|----|------|



## Projectors

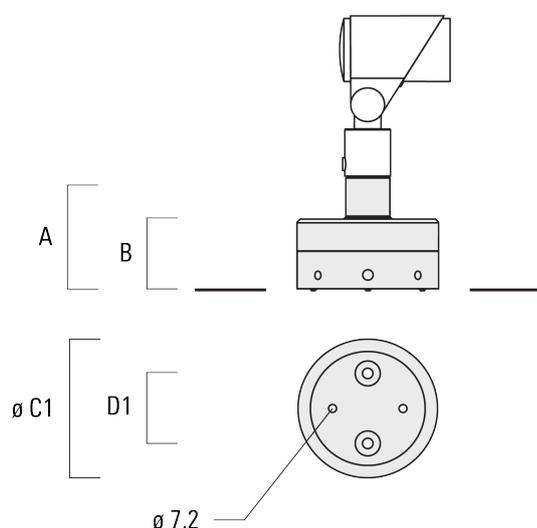
### Ground spike EF

| Description                 | Part ID  | A   | Weight (kg) |
|-----------------------------|----------|-----|-------------|
| Ground spike EF1 for FLC300 | 310-9102 | 270 | 1.20        |



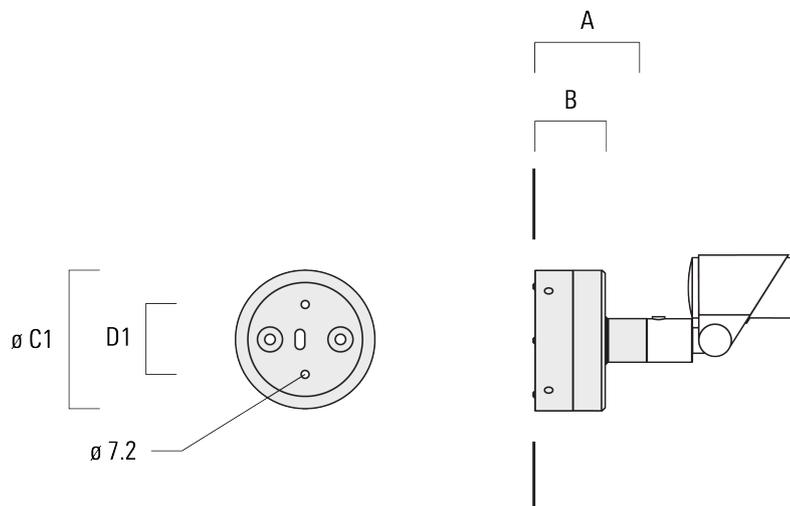
### Junction box JB1

| Description                      | Part ID  | A   | B  | C1  | D1 | Weight (kg) |
|----------------------------------|----------|-----|----|-----|----|-------------|
| Junction box JB1 with side entry | 310-9002 | 107 | 67 | 135 | 67 | 1.20        |



## Projectors

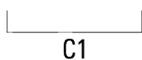
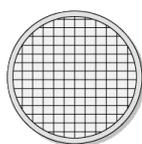
| Description                      | Part ID  | A   | B  | C1  | D1 | Weight (kg) |
|----------------------------------|----------|-----|----|-----|----|-------------|
| Junction box JB1 with wall entry | 310-9025 | 107 | 67 | 135 | 67 | 1.10        |



### Optical Accessories

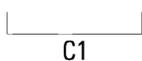
#### Flood lens

| Description            | Part ID  | C1 |
|------------------------|----------|----|
| IO-360-FLC311 for [EE] | 145-7786 | 59 |



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|                         |          |    |
|-------------------------|----------|----|
| IO-360-FLC311 for [EES] | 145-7780 | 59 |
|-------------------------|----------|----|



## Projectors

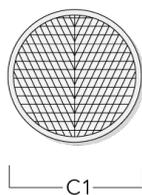
### Linear spread lens

| Description   | Part ID  | C1 |
|---------------|----------|----|
| IO-180-FLC311 | 145-7781 | 59 |



### Wallwash lens

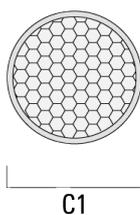
| Description  | Part ID  | C1 |
|--------------|----------|----|
| IO-20-FLC311 | 145-7782 | 59 |



## Projectors

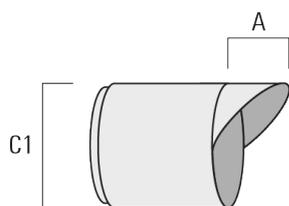
### Honeycomb louvre

| Description | Part ID  | C1 |
|-------------|----------|----|
| IW-FLC311   | 145-7783 | 59 |



### Glare shield

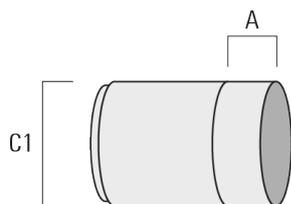
| Description | Part ID  | A  | C1 |
|-------------|----------|----|----|
| ES-FLC311   | 145-7784 | 34 | 85 |



## Projectors

### Snoot

| Description | Part ID  | A  | C1 |
|-------------|----------|----|----|
| ET-FLC311   | 145-7785 | 34 | 85 |



### Control

#### 0-10 V, 24VDC low voltage version

| Description                       | Part ID |
|-----------------------------------|---------|
| 24VDC low voltage version, 0-10 V | 0033    |