

FLC301 Spigot mounted



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.

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. Integral EC electronic converter.

ON-OFF (+0025) or DALI (+0026) Class II can be ordered remote gear box 145-7234.

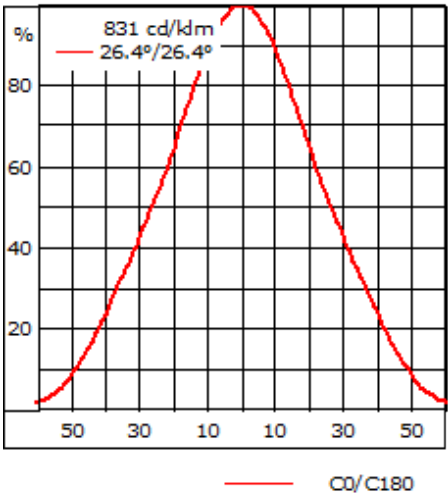
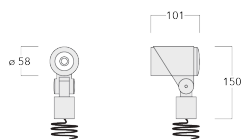
24VDC low voltage versions, ON-OFF or DALI (only 4W available) Class III.

Remote 24VDC power supply to be ordered separately.

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

|                    |                            |
|--------------------|----------------------------|
| Weight             | 0.70 kg                    |
| Light distribution | symmetric, wide beam [B]   |
| Light source       | LED-1/6W / 500 mA - 2700 K |
| CRI                | 80                         |
| Power supply       | EC                         |
| LEDs               | 1                          |
| Rated input power  | 6 W                        |
| Rated lumens (lm)  |                            |
| LED Lumen          | 517.9                      |
| Total Lumen        | 517.9                      |
| Ta                 | 25                         |
| Nominal Lumen (lm) |                            |
| LED Lumen          | 670                        |
| Total Lumen        | 670                        |
| Tc                 | 25                         |

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Specifications

Material description

|                      |                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                |
| Lens                 | Safety glass lens                                                                                                                                                                     |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                                                                           |
| Fasteners            | PCS hardware                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                  |
| Impact resistance    | IK07                                                                                                                                                                                  |
| Corrosion resistance | 5CE                                                                                                                                                                                   |
| Windage              | 0.015 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

|                  |                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------|
| Driver / Ballast | Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage). |
| Power factor     | >0.9                                                                                                 |

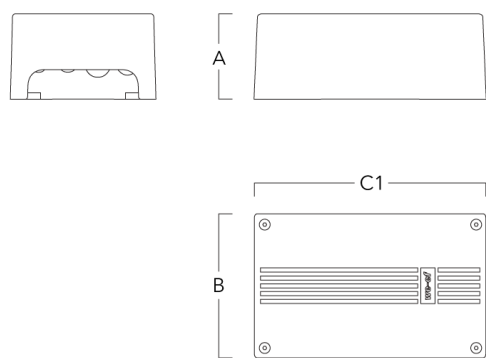
Additional information

|          |                        |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

Electrical Accessories

Gear box

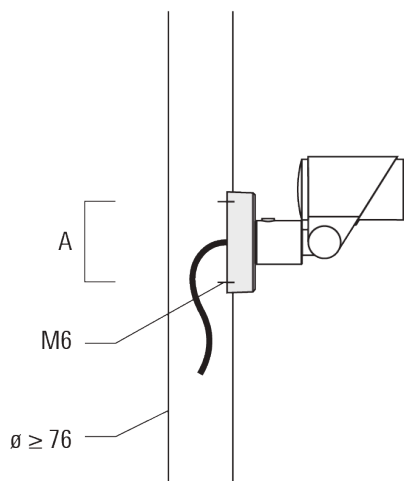
| Description     | Part ID  | Additional information       | A  | B  | C1  | Weight (kg) |
|-----------------|----------|------------------------------|----|----|-----|-------------|
| Gear box CGB320 | 145-7234 | Remote gear box for CLASS II | 39 | 82 | 142 | 0.40        |



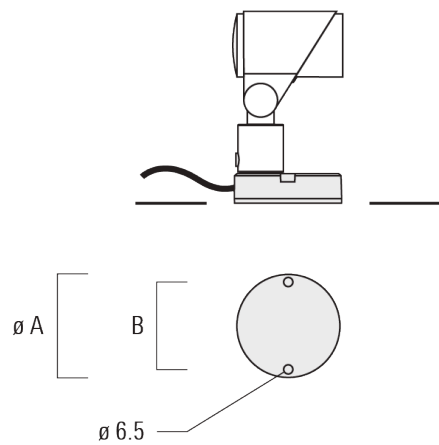
Mounting Accessories

Flat surface and Column fitter

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



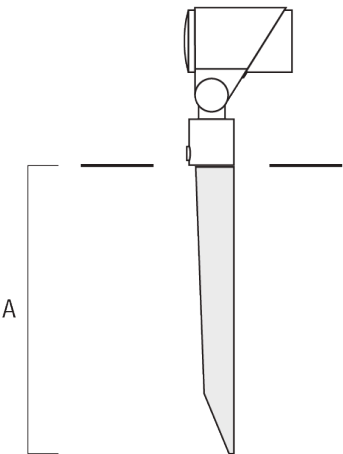
|                            |          |     |    |      |
|----------------------------|----------|-----|----|------|
| Flat surface fitter FLC300 | 145-9535 | 100 | 85 | 0.20 |
|----------------------------|----------|-----|----|------|



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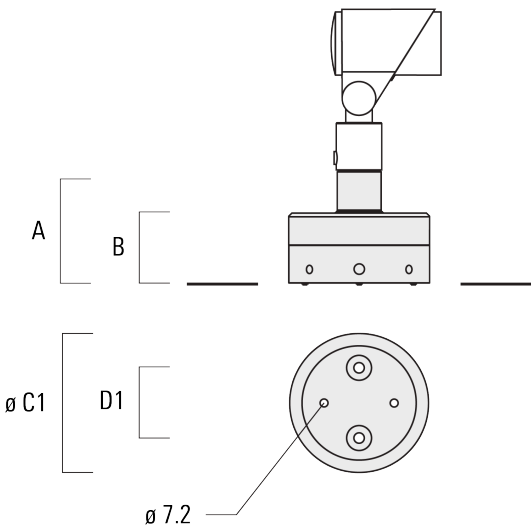
Ground spike

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



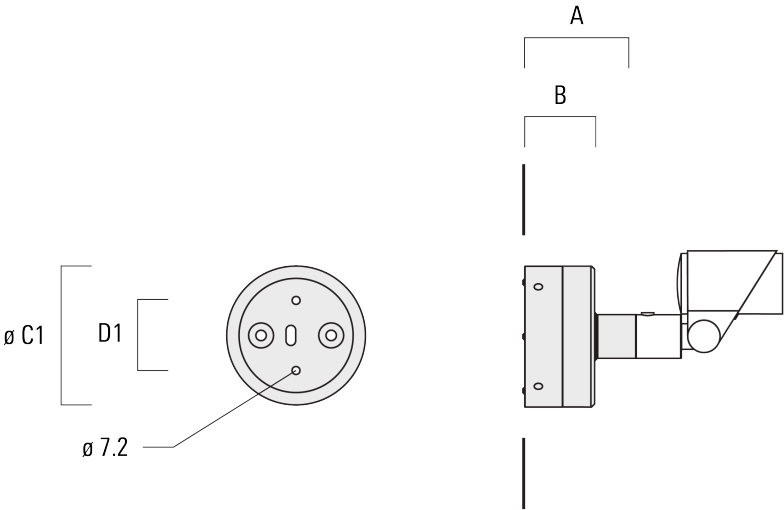
Junction box

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

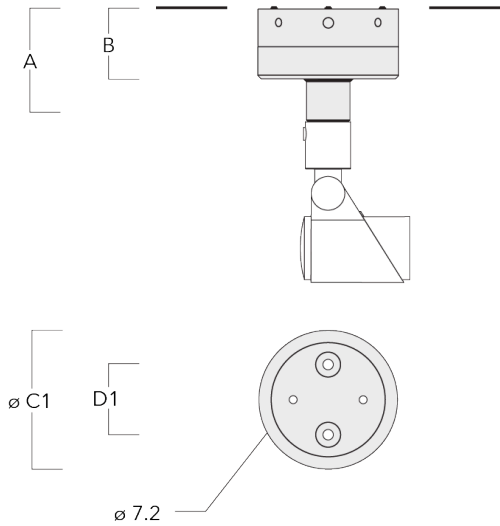


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| Description                      | Part ID  | A   | B  | C1  | D1 | Weight (kg) |
|----------------------------------|----------|-----|----|-----|----|-------------|
| Junction box JB1 with wall entry | 310-9025 | 107 | 67 | 135 | 67 | 1.10     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



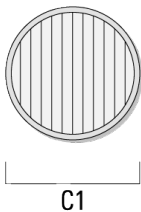
|                                            |          |     |    |     |    |      |
|--------------------------------------------|----------|-----|----|-----|----|------|
| Junction box JB1 with side entry (conduit) | 310-9022 | 107 | 67 | 135 | 67 | 1.20 |
|--------------------------------------------|----------|-----|----|-----|----|------|



Optical Accessories

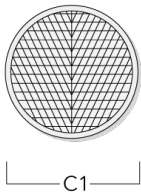
Linear spread lens

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



Wallwash lens

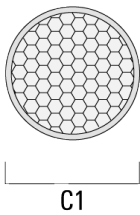
| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-7230 | 42.5 |



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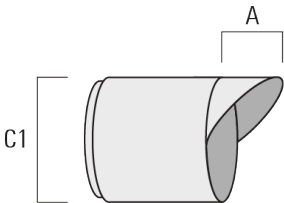
Honeycomb louvre

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-7231 | 42.5 |



Glare shield

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

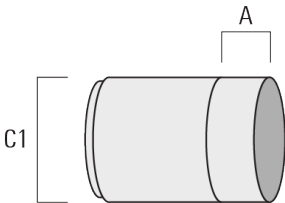




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Snoot

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



Control

DALI interface

| Description                | Part ID |
|----------------------------|---------|
| Low voltage DALI interface | 0026    |

ON-OFF, 24VDC low voltage version

| Description               | Part ID |
|---------------------------|---------|
| 24VDC low voltage version | 0025    |