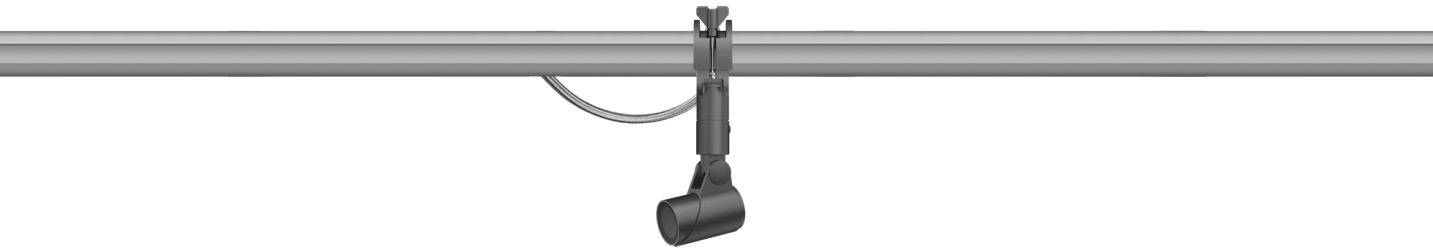


FLC301 RAIL66



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.

Mains voltage versions, ON-OFF Class I (only 4W). Integral EC electronic converter. 1-10 V analogue dimming or DALI interface available on request (converter in thermally-separated compartment); refer to accessory listings.

Including 0.4 m of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

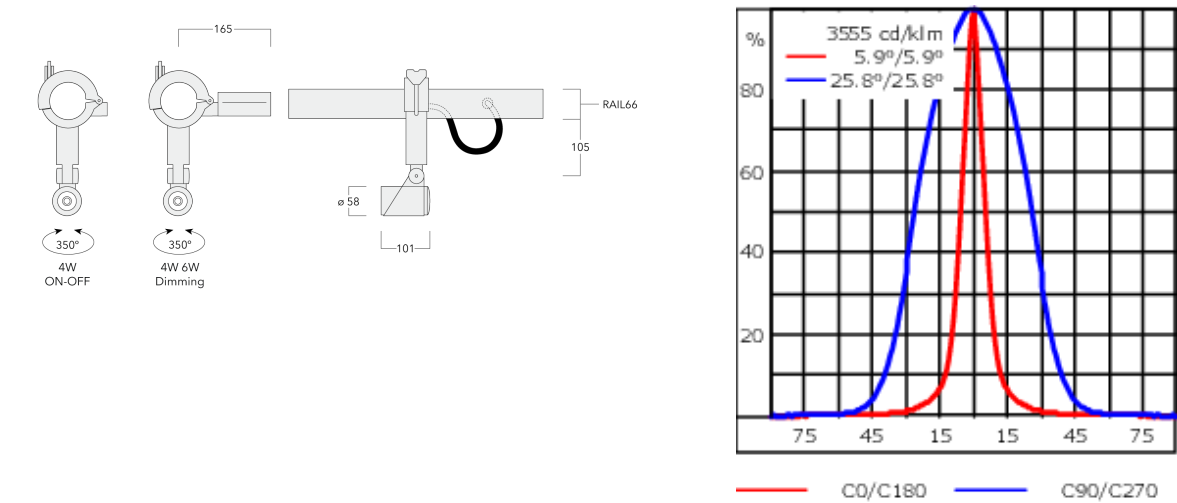
Optical accessories are factory-installed. To be specified at time of ordering.

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Weight             | 1.20 kg                                              |
| Light distribution | linear spread, very narrow beam, sharp cut-off [EES] |
| Light source       | LED-1/4W / 350 mA - 3000 K                           |
| CRI                | 80                                                   |
| Power supply       | EC                                                   |
| LEDs               | 1                                                    |
| Rated input power  | 5 W                                                  |

|                    |     |
|--------------------|-----|
| Nominal Lumen (lm) |     |
| LED Lumen          | 455 |
| Total Lumen        | 455 |
| Tj                 | 85  |

|                   |       |
|-------------------|-------|
| Rated lumens (lm) |       |
| LED Lumen         | 343.5 |
| Total Lumen       | 343.5 |
| Ta                | 25    |

FLC301 RAIL66



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                                                                                                                                                                                   |

Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Driver / Ballast | Integral EC electronic converter |
|------------------|----------------------------------|

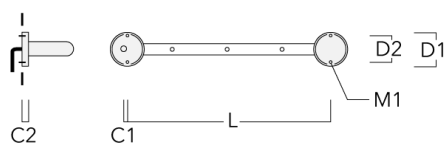
Additional information

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

Mounting Accessories

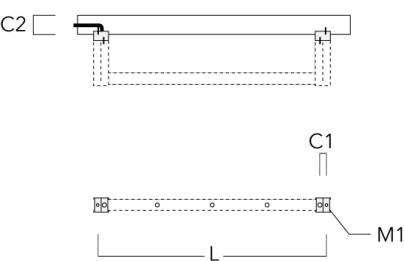
Flat Surface Fitters

| Description            | Part ID  | C1 | C2 | D1  | D2  | L    | M1 | Weight (kg) |
|------------------------|----------|----|----|-----|-----|------|----|-------------|
| Surface fitters (pair) | 310-9290 | 20 | 30 | 180 | 140 | 1070 | 9  | 1.70        |



Column Fitters

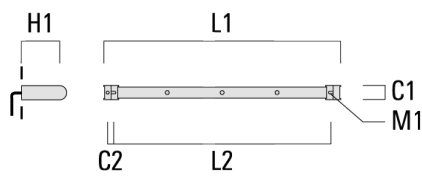
| Description           | Part ID  | C1 | C2  | L    | M1 | Weight (kg) |
|-----------------------|----------|----|-----|------|----|-------------|
| Column fitters (pair) | 310-9294 | 30 | 100 | 1115 | 12 | 0.90        |



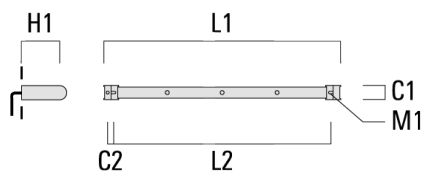
FLC301 RAIL66

Universal

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight(kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|------------|------|------|
| 2 Mains outlets (L=1150) | 310-9300 | 75 | 30 | 200 | 12 | 5.90       | 1150 | 1045 |

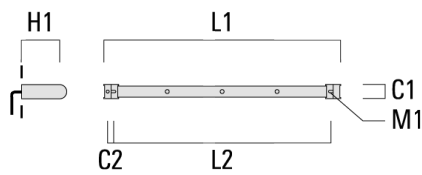


|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 3 Mains outlets (L=1150) | 310-9301 | 75 | 30 | 200 | 12 | 5.90 | 1150 | 1045 |
|--------------------------|----------|----|----|-----|----|------|------|------|

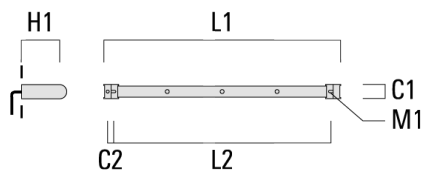


FLC301 RAIL66

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9302 | 75 | 30 | 200 | 12 | 7.20        | 1650 | 1545 |

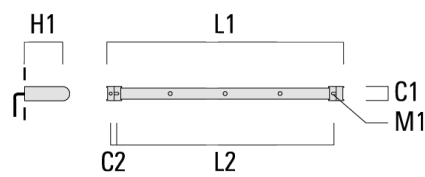


|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 4 Mains outlets (L=1650) | 310-9303 | 75 | 30 | 200 | 12 | 7.20 | 1650 | 1545 |
|--------------------------|----------|----|----|-----|----|------|------|------|

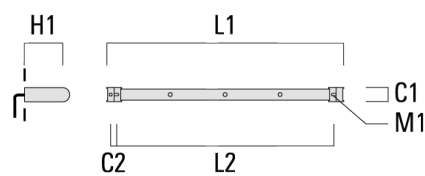


FLC301 RAIL66

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 4 Mains outlets (L=2150) | 310-9304 | 75 | 30 | 200 | 12 | 8.50        | 2150 | 2045 |



|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 6 Mains outlets (L=2150) | 310-9305 | 75 | 30 | 200 | 12 | 8.50 | 2150 | 2045 |
|--------------------------|----------|----|----|-----|----|------|------|------|



FLC301 RAIL66

Cantilever

| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 2 Mains outlets (L=1150) | 310-9233 | 220 | 120 | 60 | 600 | 13 | 12.00       | 1150 | 1070 |



|                          |          |     |     |    |     |    |       |      |      |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 3 Mains outlets (L=1150) | 310-9234 | 220 | 120 | 60 | 600 | 13 | 12.00 | 1150 | 1070 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|



FLC301 RAIL66

| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9243 | 220 | 120 | 60 | 600 | 13 | 13.30       | 1650 | 1570 |



|                          |          |     |     |    |     |    |       |      |      |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 4 Mains outlets (L=1650) | 310-9244 | 220 | 120 | 60 | 600 | 13 | 13.30 | 1650 | 1570 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|



FLC301 RAIL66

| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 4 Mains outlets (L=2150) | 310-9255 | 220 | 120 | 60 | 600 | 13 | 14.60       | 2150 | 2070 |



|                          |          |     |     |    |     |    |       |      |      |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 6 Mains outlets (L=2150) | 310-9256 | 220 | 120 | 60 | 600 | 13 | 14.60 | 2150 | 2070 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|



## Control

### 1-10 V analogue dimming interface

| Description                       | Part ID  | C  |
|-----------------------------------|----------|----|
| 1-10 V analogue dimming interface | 430-0011 | 90 |

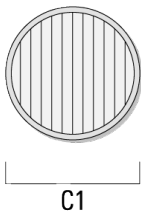
### DALI interface

| Description    | Part ID  | Additional information                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DALI interface | 430-0013 | <p>DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).</p> <p>Dali 2.0</p> <ul style="list-style-type: none"><li>-Application controllers and Input devices defined</li><li>-Single-masters and multi-masters allowed</li><li>-Event priorities defined</li><li>-Separate addressing &amp; grouping from control gear</li></ul> <p>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!</p> |

Optical Accessories

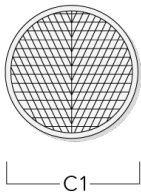
Linear spread lens

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



Wallwash lens

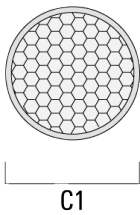
| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-7230 | 42.5 |



FLC301 RAIL66

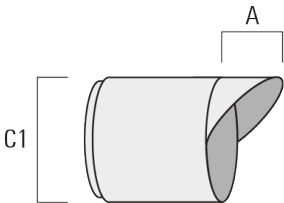
Honeycomb louvre

| 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 |



FLC301 RAIL66

Snoot

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

