

FLD131 LED RAIL66

**Description**

IP66, Class I. 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.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

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

| | |
|--------------------|------------------------------|
| Weight | 3.60 kg |
| Light distribution | wallwash |
| Light source | LED-12/24W / 700 mA - 4000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 12 |
| Rated input power | 27 W |

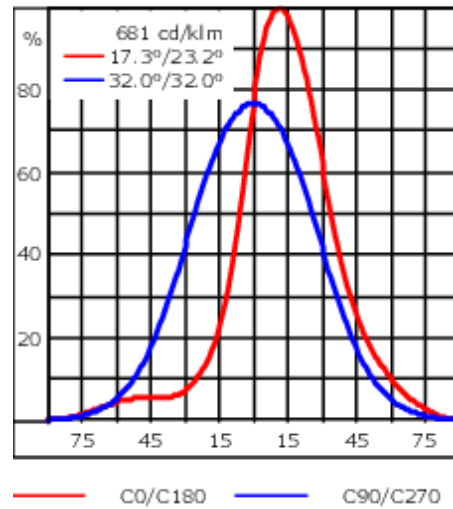
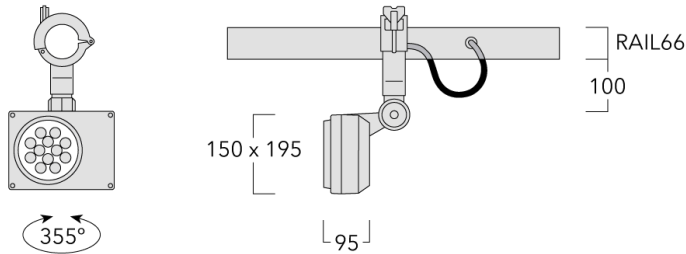
Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 310 |
| Total Lumen | 3720 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 203.5 |
| Total Lumen | 2442.4 |
| Ta | 25 |

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Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Signal black </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: lightgrey; margin-right: 5px;"></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

| | |
|------------------|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |

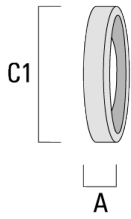
Additional information

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

Optical Accessories

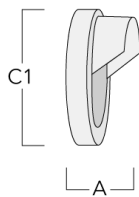
Optical Adaptor

| Description | Part ID | A | C1 |
|-----------------------------|----------|----|-----|
| External optical adaptor EA | 145-9570 | 70 | 134 |



Glare shield

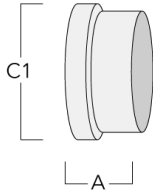
| Description | Part ID | A | C1 |
|-----------------|----------|----|-----|
| Glare shield ES | 145-9571 | 70 | 134 |



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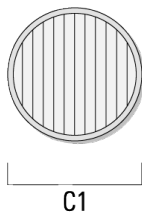
Snoot

| Description | Part ID | A | C1 |
|-------------|----------|----|-----|
| Snoot ET | 145-9572 | 70 | 134 |



Linear spread lens

| Description | Part ID | C1 |
|---------------------------|----------|-----|
| Linear spread lens EO-180 | 145-9573 | 130 |



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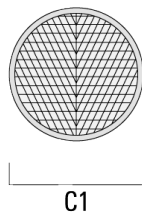
Flood lens

| Description | Part ID | C1 |
|-------------------|----------|-----|
| Flood lens EO-360 | 145-9574 | 130 |



Wallwash lens

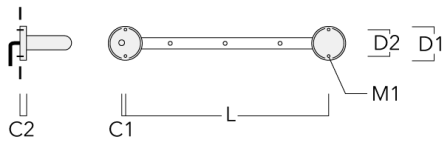
| Description | Part ID | C1 |
|---------------------|----------|-----|
| Wallwash lens IO-20 | 145-9577 | 125 |



Mounting Accessories

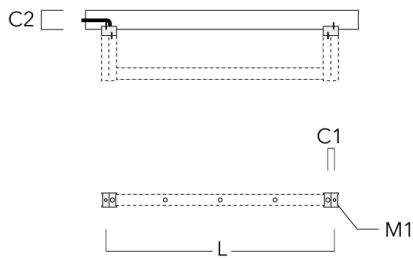
Flat Surface Fitters

| 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

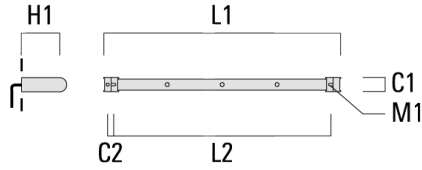
| Description | Part ID | C1 | C2 | L | M1 | Weight (kg) |
|-----------------------|----------|----|-----|------|----|-------------|
| Column fitters (pair) | 310-9294 | 30 | 100 | 1115 | 12 | 0.90 |



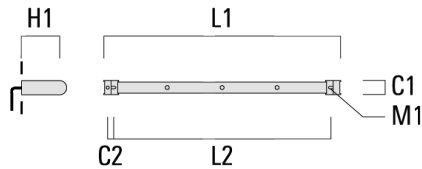
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Universal

| 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 |

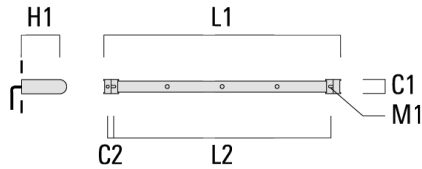


| | | | | | | | | |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 3 Mains outlets (L=1150) | 310-9301 | 75 | 30 | 200 | 12 | 5.90 | 1150 | 1045 |
|--------------------------|----------|----|----|-----|----|------|------|------|



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| 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 |
|--------------------------|----------|----|----|-----|----|------|------|------|



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| 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 |



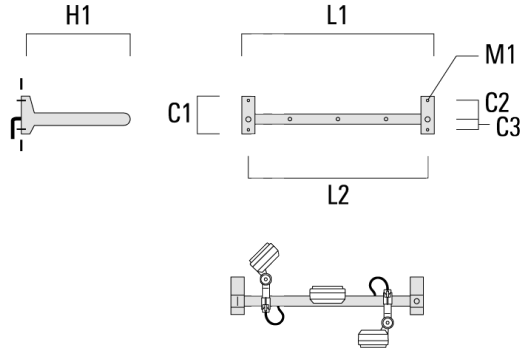
| | | | | | | | | |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 6 Mains outlets (L=2150) | 310-9305 | 75 | 30 | 200 | 12 | 8.50 | 2150 | 2045 |
|--------------------------|----------|----|----|-----|----|------|------|------|



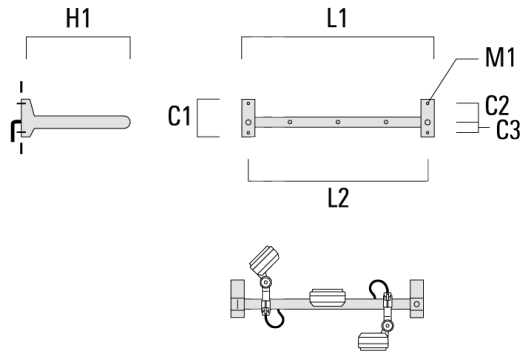
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Cantilever

| 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 |

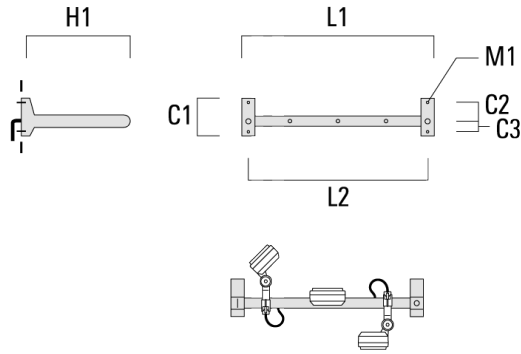


| | | | | | | | | | |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 3 Mains outlets (L=1150) | 310-9234 | 220 | 120 | 60 | 600 | 13 | 12.00 | 1150 | 1070 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|

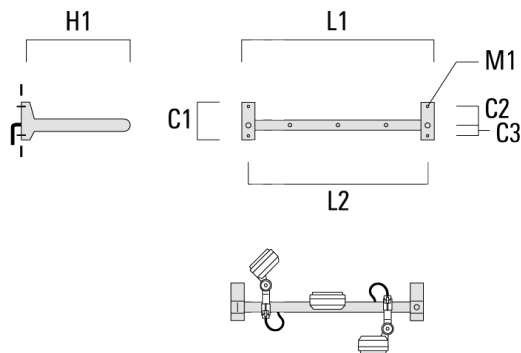


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| Description | Part ID | C1 | C2 | C3 | H1 | M1 | Weight (kg) | L1 | L2 |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9243 | 220 | 120 | 60 | 600 | 13 | 13.30 | 1650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

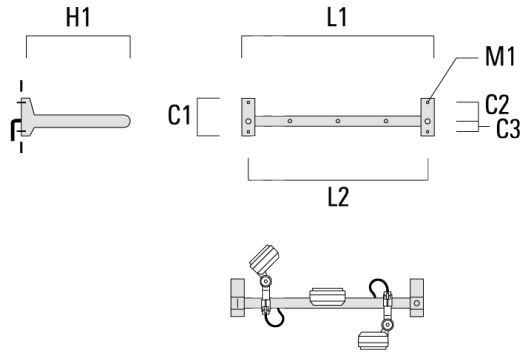


| | | | | | | | | | |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 4 Mains outlets (L=1650) | 310-9244 | 220 | 120 | 60 | 600 | 13 | 13.30 | 1650 | 1570 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|



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| 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 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|

