

FLC141 LED RAIL66

**Description**

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Including 1 ft of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

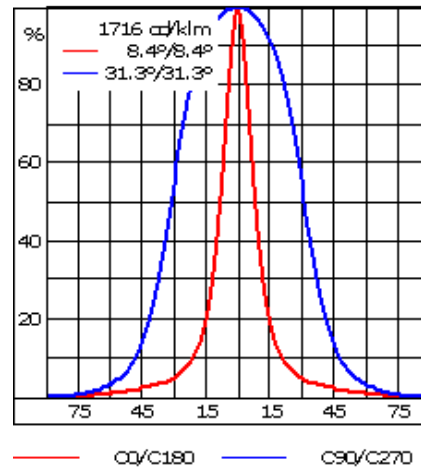
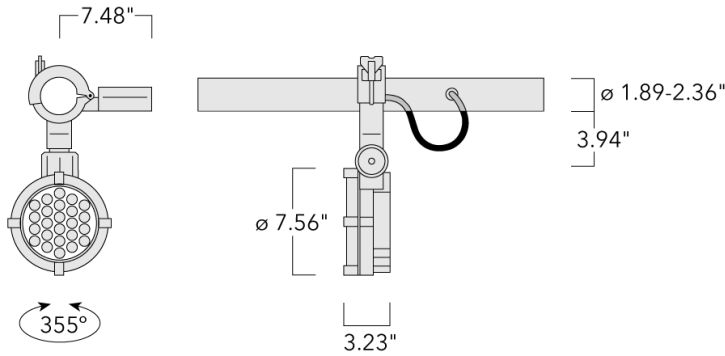
Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

| | |
|---------------------------|--------------------------------------|
| Weight | 10.40 lb |
| Light distribution | linear spread, very narrow beam [VN] |
| Light source | LED-24/48W / 700 mA - 4000 K |
| CRI | 80 |
| Power supply | electronic gear |
| LEDs | 24 |
| Rated input power | 54 W |
| Nominal Lumen (lm) | |
| LED Lumen | 310 |
| Total Lumen | 7440 |
| Tj | 85 |
| Rated lumens (lm) | |
| LED Lumen | 247 |
| Total Lumen | 5927.6 |
| Ta | 25 |

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66



Specifications

Material description

| | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body | Marine-grade die-cast aluminium alloy |
| Lens | Clear tempered glass lens |
| Colors | <div style="display: flex; flex-direction: column; gap: 5px;"> <div> RAL9004 Black</div> <div> RAL9007 Grey Metallic</div> <div> RAL9016 White</div> <div> RAL8019 Dark Bronze</div> </div> |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |

Electrical description

| | |
|------------------|-----------------------------------------------------------------------------------------|
| Power supply | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral driver in thermally-separated compartment |

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

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

146-7073+146-0439

we-ef

FLC141 LED RAIL66

Additional information

| | |
|----------|-----------------------------------------|
| Lifetime | Ta=25°/40° L90B10 > 90000h |
| Listings | ETL listed. Suitable for wet locations. |

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

Optical Accessories

Glare shield

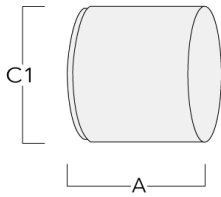
| Description | Part ID | A | C1 |
|-----------------|----------|------|------|
| Glare shield ES | 146-0229 | 4.72 | 5.71 |



FLC141 LED RAIL66

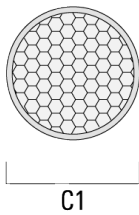
Snoot

| Description | Part ID | A | C1 |
|-------------|----------|------|------|
| Snoot ET | 146-0398 | 4.72 | 5.70 |



Honeycomb louvre

| Description | Part ID | C1 |
|---------------|----------|------|
| IW-FLC141-LED | 146-0626 | 5.70 |

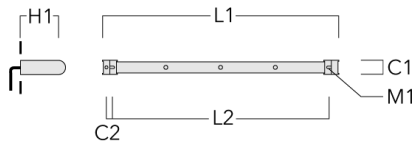


FLC141 LED RAIL66

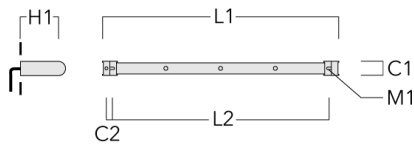
Mounting Accessories

Universal

| Description | Part ID | C1 | C2 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 2 Mains outlets (L=45.28) | 310-9200 | 3.00 | 1.20 | 7.90 | 0.5 | 13.00 | 45.28 | 41.14 |



| | | | | | | | | |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|
| 3 Mains outlets (L=45.28) | 310-9202 | 3.00 | 1.20 | 7.90 | 0.5 | 13.00 | 45.28 | 41.14 |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|



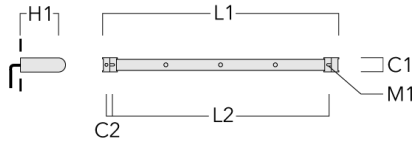
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

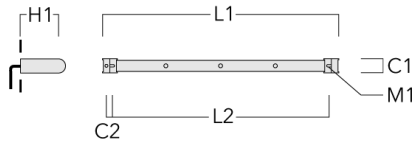
Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66

| Description | Part ID | C1 | C2 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 3 Mains outlets (L=64.69) | 310-9210 | 3.00 | 1.18 | 7.90 | 0.5 | 15.90 | 64.69 | 60.83 |



| | | | | | | | | |
|---------------------------|----------|------|------|------|---|-----------|-------|-------|
| 4 Mains outlets (L=64.69) | 310-9212 | 3.00 | 1.18 | 7.90 | 5 | 13.00 lbs | 64.69 | 60.83 |
|---------------------------|----------|------|------|------|---|-----------|-------|-------|



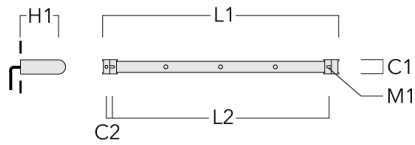
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

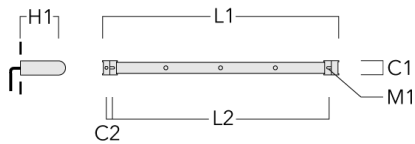
Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66

| Description | Part ID | C1 | C2 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 4 Mains outlets (L=84.65) | 310-9220 | 3.00 | 1.18 | 7.90 | 0.5 | 18.76 | 84.65 | 80.51 |



| | | | | | | | | |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|
| 6 Mains outlets (L=84.65) | 310-9222 | 3.00 | 1.18 | 7.90 | 0.5 | 18.76 | 84.65 | 80.51 |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|



WE-EF LIGHTING USA, LLC

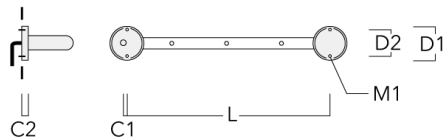
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

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

FLC141 LED RAIL66

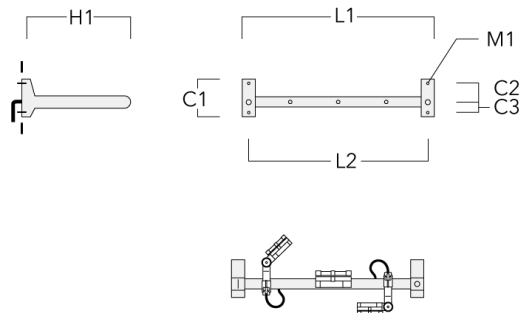
Flat Surface Fitters

| Description | Part ID | C1 | C2 | D1 | D2 | L | M1 | Weight (lb) |
|------------------------|----------|------|------|-----|-----|------|-----|-------------|
| Surface fitters (pair) | 310-9290 | 0.79 | 1.18 | 7.1 | 5.5 | 42.1 | .35 | 3.70 |



Cantilever

| Description | Part ID | C1 | C2 | C3 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-------|------|-------------|-------|-------|
| 2 Mains outlets (L=45.28) | 310-9230 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 26.46 | 45.28 | 42.13 |



WE-EF LIGHTING USA, LLC

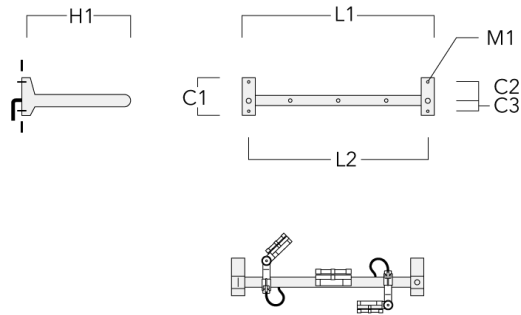
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

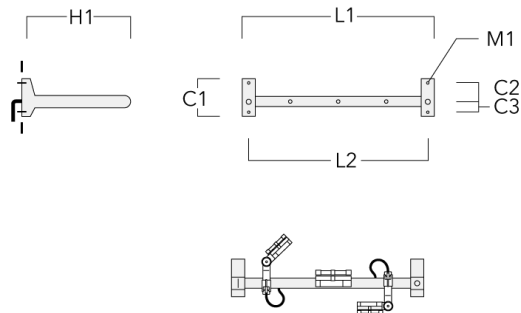
Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66

| Description | Part ID | C1 | C2 | C3 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-------|------|-------------|-------|-------|
| 3 Mains outlets (L=45.28) | 310-9232 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 26.46 | 45.28 | 42.13 |



| | | | | | | | | | |
|---------------------------|----------|------|------|------|-------|------|-------|-------|-------|
| 3 Mains outlets (L=64.69) | 310-9240 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 29.32 | 64.96 | 61.81 |
|---------------------------|----------|------|------|------|-------|------|-------|-------|-------|

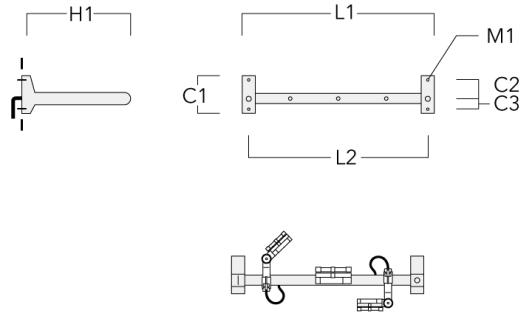


WE-EF LIGHTING USA, LLC

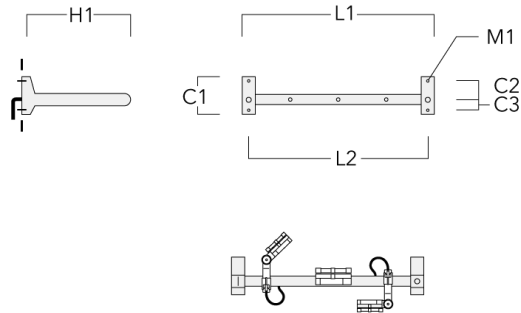
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>
 Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66

| Description | Part ID | C1 | C2 | C3 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-------|------|-------------|-------|-------|
| 4 Mains outlets (L=64.69) | 310-9242 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 29.32 | 64.96 | 61.81 |



| | | | | | | | | | |
|---------------------------|----------|------|------|------|-------|------|-------|-------|-------|
| 4 Mains outlets (L=84.65) | 310-9250 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 32.19 | 84.65 | 81.49 |
|---------------------------|----------|------|------|------|-------|------|-------|-------|-------|

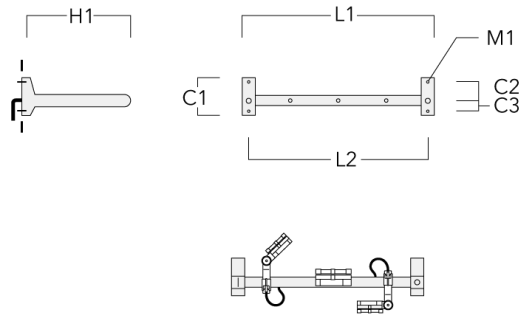


WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>
 Subject to technical changes and errors. - Generated on 11/23/2024

FLC141 LED RAIL66

| Description | Part ID | C1 | C2 | C3 | H1 | M1 | Weight (lb) | L1 | L2 |
|---------------------------|----------|------|------|------|-------|------|-------------|-------|------|
| 6 Mains outlets (L=84.65) | 310-9252 | 8.66 | 4.72 | 2.36 | 23.62 | 0.51 | 32.19 | 84.65 | 81.5 |



WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

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