



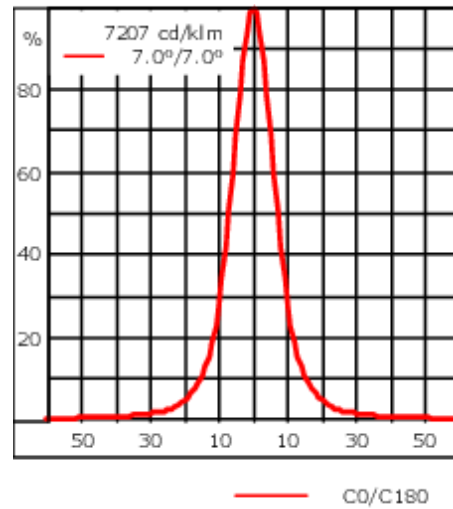
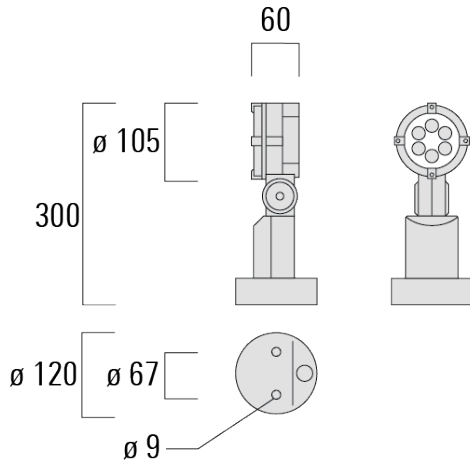
Description

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.

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.

| | |
|---------------------------|----------------------------------|
| Weight | 1.70 kg |
| Light distribution | symmetric, very narrow beam [EE] |
| Light source | LED-6/12W / 700 mA - 4000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 6 |
| Rated input power | 14.5 W |
| Nominal Lumen (lm) | |
| LED Lumen | 310 |
| Total Lumen | 1860 |
| T _j | 85 |
| Rated lumens (lm) | |
| LED Lumen | 266.6 |
| Total Lumen | 1599.7 |
| T _a | 25 |

FLC121 LED Surface mounted



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: #808080; 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: #333333; 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: #e0e0e0; 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 |
| Windage | 0.025 m ² |

Electrical description

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

145-0056

we-ef

FLC121 LED Surface mounted

Additional information

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

WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

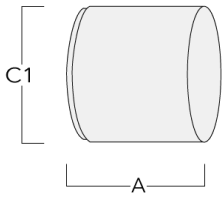
<https://we-ef.com/asia>

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

Optical Accessories

Snoot

| Description | Part ID | A | C1 |
|-------------|----------|----|-----|
| Snoot ET | 145-0030 | 60 | 120 |



Linear spread lens

| Description | Part ID | C1 |
|---------------------------|----------|----|
| Linear spread lens IO-180 | 145-0050 | 81 |



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Flood lens

| Description | Part ID | C1 |
|-------------------|----------|----|
| Flood lens IO-360 | 145-9390 | 81 |



Honeycomb louvre

| Description | Part ID | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-0143 | 81 |



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Wallwash lens

| Description | Part ID | C1 |
|---------------------|----------|----|
| Wallwash lens IO-20 | 145-0145 | 81 |



Glare shield

| Description | Part ID | A | C1 |
|-----------------|----------|-----|-----|
| Glare shield ES | 145-9192 | 102 | 119 |



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Linear louvre

| Description | Part ID | C1 |
|------------------|----------|----|
| Linear louvre IL | 145-9171 | 81 |



Colour correction filter

| Description | Part ID |
|------------------|----------|
| IF-3000K > 2400K | 145-9188 |



Mounting Accessories

Pole clamp

| Description | Part ID | D1 | Weight (kg) | D |
|---------------------------------------|----------|-------|-------------|-------|
| Pole clamp SP1-2/M8, single (Ø 76-89) | 146-0246 | 76-89 | 1.20 | 76-89 |



| | | | | |
|---------------------------------------|----------|-------|---|-------|
| Pole clamp SP2-2/M8, double (Ø 38-60) | 146-0247 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



FLC121 LED Surface mounted

| Description | Part ID | D1 | Weight (kg) | D |
|---------------------------------------|----------|-------|-------------|-------|
| Pole clamp SP2-2/M8, double (Ø 76-89) | 146-0248 | 76-89 | 1.20 | 76-89 |



| | | | | |
|---------------------------------------|----------|-------|---|-------|
| Pole clamp SP1-2/M8, single (Ø 38-60) | 146-0245 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



FLC121 LED Surface mounted

Short post

| Description | Part ID | D1 | D2 | H1 | M1 | Weight (kg) |
|---------------------|----------|-----|-----|-----|----|-------------|
| Short post EM1-2/M8 | 146-0253 | 160 | 130 | 200 | 9 | 1.10 |



Planted root

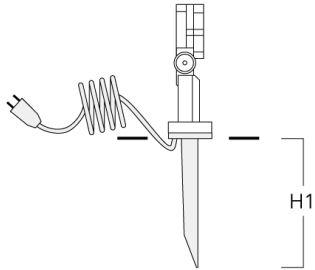
| Description | Part ID | D1 | D2 | D3 | D4 | H1 | H2 | M1 | T1 | T2 | Weight (kg) |
|-------------------|-------------|-----|-----|----|----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0461-AP | 150 | 130 | 60 | 89 | 400 | 350 | 8 | 200 | 50 x 100 | 3.85 |



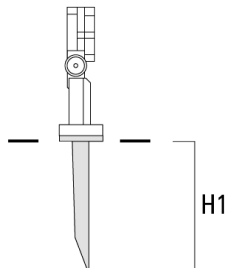
FLC121 LED Surface mounted

Ground spike

| Description | Part ID | H1 | Weight (kg) |
|---|----------|-----|-------------|
| Ground spike EF1 (including cable and plug) | 146-0251 | 270 | 0.40 |



| | | | |
|---|----------|-----|------|
| Ground spike EF1 (without cable and plug) | 146-0250 | 270 | 0.40 |
|---|----------|-----|------|



145-0056

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FLC121 LED Surface mounted

Junction box

| Description | Part ID | D1 | D2 | M1 | Weight (kg) |
|------------------|----------|-----|----|----|-------------|
| Junction box JB1 | 310-9000 | 135 | 67 | 9 | 1.6 |

