






Description

Tunable White. IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland. Second gland for through-wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory-installed LED circuit board. DALI interface.

Projectors**Specifications****Material description**

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours |  RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.054 m ² |

Electrical description

| | |
|------------------|------------------------|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | DALI |
| Power factor | > 0.9 |
| Surge protection | 1/2 kV (optional SP10) |

Additional information

| | |
|-------------------------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
| Energy efficiency class | E (Light source) |

Options

Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



linear spread, narrow beam [E]



wallwash



symmetric, very narrow beam, sharp cut-off [EES]

Colour temperature

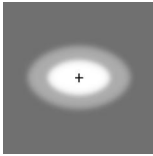

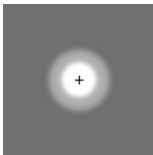
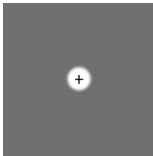
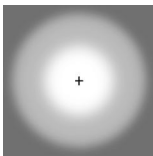

2200-6000K

2700-6000K

Nominal Watt

0 W

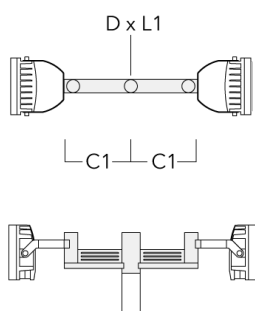
Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|-------------------|--------------------------|--------------|-------------------|-----|-------------|
| linear spread, narrow beam [E]  | 139-2135+139-1849 | LED-12/44W - 2200-6000 K | 3835.7 | 51 W | 80 | 7.70 |
| symmetric, medium beam [M]  | 139-2045 | LED-12/44W - 2200-6000 K | 4058 | 51 W | 80 | 7.70 |
| symmetric, narrow beam [E]  | 139-2135 | LED-12/44W - 2200-6000 K | 4128.9 | 51 W | 80 | 7.70 |
| symmetric, very narrow beam, sharp cut-off [EES]  | 139-2423 | LED-24/24W - 2700-6000 K | 2129 | 26.5 W | 80 | 7.70 |
| symmetric, wide beam [B]  | 139-2044 | LED-12/44W - 2200-6000 K | 3815.8 | 51 W | 80 | 7.70 |
| wallwash  | 139-2045+139-1848 | LED-12/44W - 2200-6000 K | 3343.1 | 51 W | 80 | 7.70 |

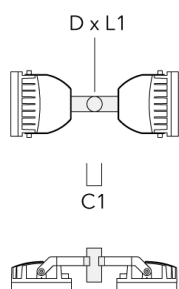
Mounting Accessories

Floodlight mounting bracket TA

| Description | Part ID | A | C1 | D x L1 | Weight (kg) | D x S |
|---|----------|------|-----|----------|-------------|----------|
| TA2-L Mounting bracket, double (Ø 76 x 200) | 147-0105 | ±90° | 420 | 76 x 200 | 16.10 | 76 x 200 |



| | | | | | | |
|--|----------|--|-----|----------|------|----------|
| TA2 Mounting bracket, double* (Ø 76 x 200) | 147-0024 | | 130 | 76 x 200 | 1.90 | 76 x 200 |
|--|----------|--|-----|----------|------|----------|



Pole clamp PC

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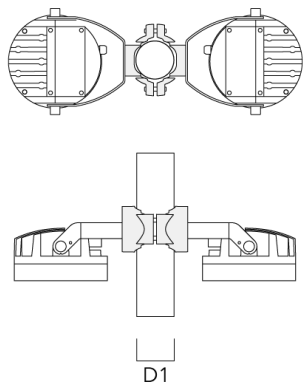
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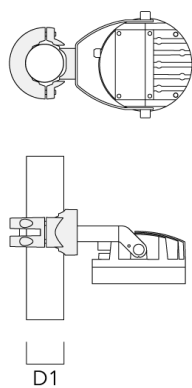
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Projectors

| Description | Part ID | D1 | Weight (kg) |
|---|----------|-------|-------------|
| PC2 76-89/60 Pole clamp, double (Ø 76-89) | 139-2703 | 76-89 | 1.00 |

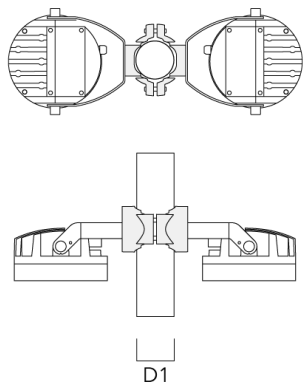


| | | | |
|---|----------|-------|------|
| PC1 76-89/60 Pole clamp, single (Ø 76-89) | 139-2702 | 76-89 | 1.00 |
|---|----------|-------|------|

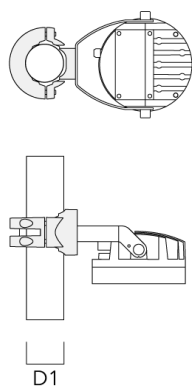


Projectors

| Description | Part ID | D1 | Weight (kg) |
|--|----------|---------|-------------|
| PC2 102-114/60 Pole clamp, double (Ø 102-114) | 139-2707 | 102-114 | 1.20 |

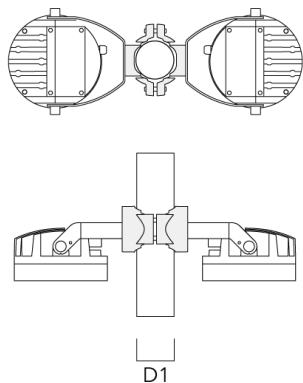


| | | | |
|--|----------|---------|------|
| PC1 102-114/60 Pole clamp, single (Ø 102-114) | 139-2706 | 102-114 | 1.20 |
|--|----------|---------|------|

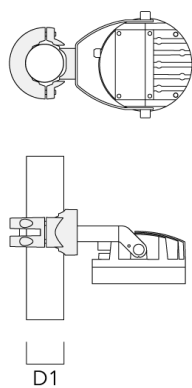


Projectors

| Description | Part ID | D1 | Weight (kg) |
|--|----------|---------|-------------|
| PC2 114-133/60 Pole clamp, double (Ø 114-133) | 139-2709 | 114-133 | 1.40 |

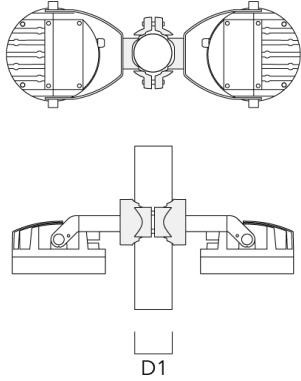


| | | | |
|--|----------|---------|------|
| PC1 114-133/60 Pole clamp, single (Ø 114-133) | 139-2708 | 114-133 | 1.40 |
|--|----------|---------|------|

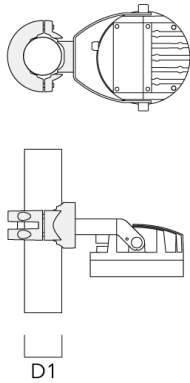


Projectors

| Description | Part ID | D1 | Weight (kg) |
|--|----------|--------|-------------|
| PC2 82-109/60 Pole camp, double (Ø 82-109) | 139-2705 | 82-109 | 1.10 |



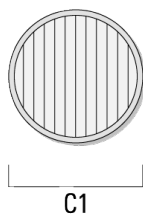
| | | | |
|--|----------|--------|------|
| PC1 82-109/60 Pole camp, single (Ø 82-109) | 139-2704 | 82-109 | 1.10 |
|--|----------|--------|------|



Optical Accessories

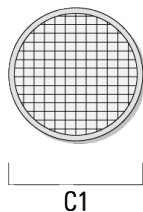
Linear spread lens

| Description | Part ID | C1 |
|-------------------|----------|-----|
| IO-180-FLC230-LED | 139-1849 | 199 |



Flood lens

| Description | Part ID | C1 |
|-------------------|----------|-----|
| IO-360-FLC230-LED | 139-1850 | 199 |



Glare shield

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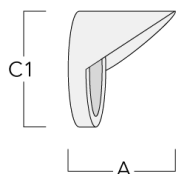
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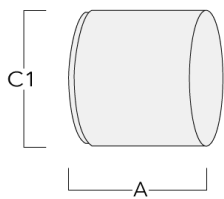
Projectors

| Description | Part ID | A | C1 |
|---------------|----------|-----|-----|
| ES-FLC230-LED | 139-1852 | 159 | 266 |



Snoot

| Description | Part ID | A | C1 |
|---------------|----------|-----|-----|
| ET-FLC230-LED | 139-1853 | 160 | 266 |



Wallwash lens

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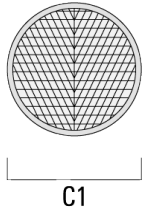
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Projectors

| Description | Part ID | C1 |
|------------------|----------|-----|
| IO-20-FLC230-LED | 139-1848 | 199 |



Control

DMX Wireless Repeater

| Description | Part ID |
|-----------------------|----------|
| DMX Wireless Repeater | 400-0477 |



DMX Wireless Transceiver

| Description | Part ID |
|--------------------------|----------|
| DMX Wireless Transceiver | 400-0476 |



R2C Ready to Connect

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| Description | Part ID |
|----------------------------|----------|
| R2C Ready to Connect (top) | 430-0019 |

FLC230-TW LED

Projectors

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