

Description

IP66. IK08. Marine-grade, all aluminium construction. 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. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Two cable entries.

Mains voltage versions, DALI interface Class I. 1-10 V analogue dimming available on request; refer to accessory listings.

24VDC low voltage versions, 0-10 V analogue dimming or DALI interface Class III available on request.

Knuckle permits 340° rotation, forward tilt 54° and backward tilt 90°.

Remote 24VDC power supply to be ordered separately.

Projectors

Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, all aluminium construction |
| Lens | Safety glass lens |
| Colours |  RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS hardware |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE |
| Windage | 0.065 m ² |

Electrical description

| | |
|------------------|--|
| Driver / Ballast | Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage). |
|------------------|--|

Additional information

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

Options

Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, very narrow beam [EE]



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



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

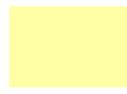
Colour temperature



2700 K



3000 K

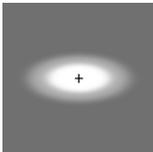
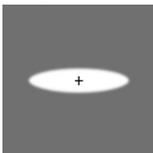
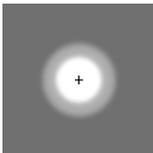


4000 K

Nominal Watt

0 W

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|----------------------------------|-----------------------------|----------------------------|-------------------|-------|-------------|
| linear spread, very narrow beam [EE]  | 145-7690+145-7781 | LED-3/6W / 180 mA - 2700 K | 539.2 | 7.5 W | 80 | 3.20 |
| | 145-7691+145-7781 | LED-3/9W / 250 mA - 2700 K | 756.9 | 11 W | 80 | 3.20 |
| | 145-7692+145-7781 | LED-3/12W / 350 mA - 2700 K | 1016.1 | 13.9 W | 80 | 3.20 |
| | 145-7693+145-7781 | LED-3/6W / 180 mA - 3000 K | 539.2 | 7.5 W | 80 | 3.20 |
| | 145-7694+145-7781 | LED-3/9W / 250 mA - 3000 K | 756.9 | 11 W | 80 | 3.20 |
| | 145-7695+145-7781 | LED-3/12W / 350 mA - 3000 K | 1016.1 | 13.9 W | 80 | 3.20 |
| | 145-7696+145-7781 | LED-3/6W / 180 mA - 4000 K | 580.6 | 7.5 W | 80 | 3.20 |
| | 145-7697+145-7781 | LED-3/9W / 250 mA - 4000 K | 808.7 | 11 W | 80 | 3.20 |
| | 145-7698+145-7781 | LED-3/12W / 350 mA - 4000 K | 1099.1 | 13.9 W | 80 | 3.20 |
| linear spread, very narrow beam, sharp cut-off [EES]  | 145-7699+145-7781 | LED-3/6W / 180 mA - 2700 K | 528.4 | 7.5 W | 80 | 3.20 |
| | 145-7700+145-7781 | LED-3/9W / 250 mA - 2700 K | 748.5 | 11 W | 80 | 3.20 |
| | 145-7701+145-7781 | LED-3/12W / 350 mA - 2700 K | 1001.7 | 13.9 W | 80 | 3.20 |
| | 145-7702+145-7781 | LED-3/6W / 180 mA - 3000 K | 528.4 | 7.5 W | 80 | 3.20 |
| | 145-7703+145-7781 | LED-3/9W / 250 mA - 3000 K | 748.5 | 11 W | 80 | 3.20 |
| | 145-7704+145-7781 | LED-3/12W / 350 mA - 3000 K | 1001.7 | 13.9 W | 80 | 3.20 |
| | 145-7705+145-7781 | LED-3/6W / 180 mA - 4000 K | 572.4 | 7.5 W | 80 | 3.20 |
| | 145-7706+145-7781 | LED-3/9W / 250 mA - 4000 K | 803.6 | 11 W | 80 | 3.20 |
| | 145-7707+145-7781 | LED-3/12W / 350 mA - 4000 K | 1078.8 | 13.9 W | 80 | 3.20 |
| symmetric, medium beam [M]  | 145-7681 | LED-3/6W / 180 mA - 2700 K | 600.4 | 7.5 W | 80 | 3.20 |
| | 145-7682 | LED-3/9W / 250 mA - 2700 K | 842.9 | 11 W | 80 | 3.20 |
| | 145-7683 | LED-3/12W / 350 mA - 2700 K | 1131.6 | 13.9 W | 80 | 3.20 |
| | 145-7684 | LED-3/6W / 180 mA - 3000 K | 600.4 | 7.5 W | 80 | 3.20 |
| | 145-7685 | LED-3/9W / 250 mA - 3000 K | 842.9 | 11 W | 80 | 3.20 |
| | 145-7686 | LED-3/12W / 350 mA - 3000 K | 1131.6 | 13.9 W | 80 | 3.20 |
| | 145-7687 | LED-3/6W / 180 mA - 4000 K | 646.6 | 7.5 W | 80 | 3.20 |
| | 145-7688 | LED-3/9W / 250 mA - 4000 K | 900.6 | 11 W | 80 | 3.20 |
| | 145-7689 | LED-3/12W / 350 mA - 4000 K | 1224 | 13.9 W | 80 | 3.20 |
| | 145-7817+0033 | LED-3/6W / 700 mA - 2700 K | 622.9 | 7.5 W | 80 | 3.20 |
| | 145-7818+0033 | LED-3/6W / 700 mA - 3000 K | 669 | 7.5 W | 80 | 3.20 |
| | 145-7819+0033 | LED-3/6W / 700 mA - 4000 K | 715.2 | 7.5 W | 80 | 3.20 |
| | symmetric, very narrow beam [EE] | 145-7690 | LED-3/6W / 180 mA - 2700 K | 605.2 | 7.5 W | 80 |
| 145-7691 | | LED-3/9W / 250 mA - 2700 K | 849.6 | 11 W | 80 | 3.20 |
| 145-7692 | | LED-3/12W / 350 mA - 2700 K | 1140.5 | 13.9 W | 80 | 3.20 |
| 145-7693 | | LED-3/6W / 180 mA - 3000 K | 605.2 | 7.5 W | 80 | 3.20 |

Projectors

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) | |
|--|------------------------------|-----------------------------|----------------------------|-------------------|-------|-------------|------|
| | 145-7694 | LED-3/9W / 250 mA - 3000 K | 849.6 | 11 W | 80 | 3.20 | |
| | 145-7695 | LED-3/12W / 350 mA - 3000 K | 1140.5 | 13.9 W | 80 | 3.20 | |
| | 145-7696 | LED-3/6W / 180 mA - 4000 K | 651.7 | 7.5 W | 80 | 3.20 | |
| | 145-7697 | LED-3/9W / 250 mA - 4000 K | 907.8 | 11 W | 80 | 3.20 | |
| | 145-7698 | LED-3/12W / 350 mA - 4000 K | 1233.6 | 13.9 W | 80 | 3.20 | |
| | 145-7820+0033 | LED-3/6W / 700 mA - 2700 K | 627.8 | 7.5 W | 80 | 3.20 | |
| | 145-7821+0033 | LED-3/6W / 700 mA - 3000 K | 674.2 | 7.5 W | 80 | 3.20 | |
| | 145-7822+0033 | LED-3/6W / 700 mA - 4000 K | 720.8 | 7.5 W | 80 | 3.20 | |
| symmetric, very narrow beam, sharp cut-off [EES] | 145-7699 | LED-3/6W / 180 mA - 2700 K | 606.3 | 7.5 W | 80 | 3.20 | |
| | 145-7700 | LED-3/9W / 250 mA - 2700 K | 858.9 | 11 W | 80 | 3.20 | |
| | 145-7701 | LED-3/12W / 350 mA - 2700 K | 1149.4 | 13.9 W | 80 | 3.20 | |
| | 145-7702 | LED-3/6W / 180 mA - 3000 K | 606.3 | 7.5 W | 80 | 3.20 | |
| | 145-7703 | LED-3/9W / 250 mA - 3000 K | 858.9 | 11 W | 80 | 3.20 | |
| | 145-7704 | LED-3/12W / 350 mA - 3000 K | 1149.4 | 13.9 W | 80 | 3.20 | |
| | 145-7705 | LED-3/6W / 180 mA - 4000 K | 656.8 | 7.5 W | 80 | 3.20 | |
| | 145-7706 | LED-3/9W / 250 mA - 4000 K | 922 | 11 W | 80 | 3.20 | |
| | 145-7707 | LED-3/12W / 350 mA - 4000 K | 1237.8 | 13.9 W | 80 | 3.20 | |
| | 145-7823+0033 | LED-3/6W / 700 mA - 2700 K | 682 | 7.5 W | 80 | 3.20 | |
| | 145-7824+0033 | LED-3/6W / 700 mA - 3000 K | 732.5 | 7.5 W | 80 | 3.20 | |
| | 145-7825+0033 | LED-3/6W / 700 mA - 4000 K | 783.1 | 7.5 W | 80 | 3.20 | |
| | symmetric, wide beam [B] | 145-7672 | LED-3/6W / 180 mA - 2700 K | 595.4 | 7.5 W | 80 | 3.20 |
| | | 145-7673 | LED-3/9W / 250 mA - 2700 K | 835.8 | 11 W | 80 | 3.20 |
| 145-7674 | | LED-3/12W / 350 mA - 2700 K | 1122.1 | 13.9 W | 80 | 3.20 | |
| 145-7675 | | LED-3/6W / 180 mA - 3000 K | 595.4 | 7.5 W | 80 | 3.20 | |
| 145-7676 | | LED-3/9W / 250 mA - 3000 K | 835.8 | 11 W | 80 | 3.20 | |
| 145-7677 | | LED-3/12W / 350 mA - 3000 K | 1122.1 | 13.9 W | 80 | 3.20 | |
| 145-7678 | | LED-3/6W / 180 mA - 4000 K | 641.2 | 7.5 W | 80 | 3.20 | |
| 145-7679 | | LED-3/9W / 250 mA - 4000 K | 893.1 | 11 W | 80 | 3.20 | |
| 145-7680 | | LED-3/12W / 350 mA - 4000 K | 1213.7 | 13.9 W | 80 | 3.20 | |
| 145-7814+0033 | | LED-3/6W / 700 mA - 2700 K | 618 | 7.5 W | 80 | 3.20 | |
| 145-7815+0033 | | LED-3/6W / 700 mA - 3000 K | 663.8 | 7.5 W | 80 | 3.20 | |
| 145-7816+0033 | | LED-3/6W / 700 mA - 4000 K | 709.6 | 7.5 W | 80 | 3.20 | |
| wallwash | | 145-7681+145-7782 | LED-3/6W / 180 mA - 2700 K | 408.7 | 7.5 W | 80 | 3.20 |
| | | 145-7682+145-7782 | LED-3/9W / 250 mA - 2700 K | 573.7 | 11 W | 80 | 3.20 |
| | 145-7683+145-7782 | LED-3/12W / 350 mA - 2700 K | 770.2 | 13.9 W | 80 | 3.20 | |
| | 145-7684+145-7782 | LED-3/6W / 180 mA - 3000 K | 408.7 | 7.5 W | 80 | 3.20 | |

Projectors

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|--------------------|-------------------|-----------------------------|--------------|-------------------|-----|-------------|
| | 145-7685+145-7782 | LED-3/9W / 250 mA - 3000 K | 573.7 | 11 W | 80 | 3.20 |
| | 145-7686+145-7782 | LED-3/12W / 350 mA - 3000 K | 770.2 | 13.9 W | 80 | 3.20 |
| | 145-7687+145-7782 | LED-3/6W / 180 mA - 4000 K | 440.1 | 7.5 W | 80 | 3.20 |
| | 145-7688+145-7782 | LED-3/9W / 250 mA - 4000 K | 613 | 11 W | 80 | 3.20 |
| | 145-7689+145-7782 | LED-3/12W / 350 mA - 4000 K | 833.1 | 13.9 W | 80 | 3.20 |

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 |
|----------------------------|---------|
| Low voltage DALI interface | 0026 |

0-10 V, 24VDC low voltage version

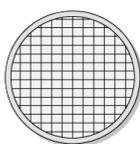
| Description | Part ID |
|-----------------------------------|---------|
| 24VDC low voltage version, 0-10 V | 0033 |

Projectors

Optical Accessories

Flood lens

| Description | Part ID | C1 |
|----------------------------|----------|----|
| Flood lens IO-360 for [EE] | 145-7786 | 59 |



C1

| | | |
|-----------------------------|----------|----|
| Flood lens IO-360 for [EES] | 145-7780 | 59 |
|-----------------------------|----------|----|



C1

Projectors

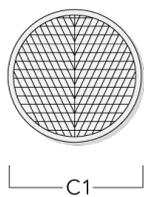
Linear spread lens

| Description | Part ID | C1 |
|---------------------------|----------|----|
| Linear spread lens IO-180 | 145-7781 | 59 |



Wallwash lens

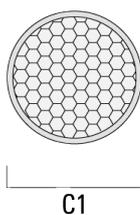
| Description | Part ID | C1 |
|---------------------|----------|----|
| Wallwash lens IO-20 | 145-7782 | 59 |



Projectors

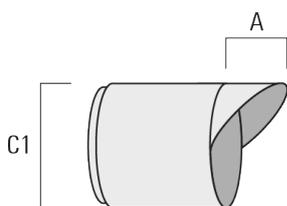
Honeycomb louvre

| Description | Part ID | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-7783 | 59 |



Glare shield

| Description | Part ID | A | C1 |
|-----------------|----------|----|----|
| Glare shield ES | 145-7784 | 34 | 85 |



Projectors

Snoot

| Description | Part ID | A | C1 |
|-------------|----------|----|----|
| Snoot ET | 145-7785 | 34 | 85 |

