

### Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

**Pole mounted**

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**Specifications****Material description**

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|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Non-reflective safety glass lens  |
| Colours              |  RAL9004 Signal black<br> RAL9006 White aluminium<br> RAL9007 Grey aluminium |
| Gasket               | CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE+Primer  |
| Windage              | 0.092 m <sup>2</sup>  |

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**Electrical description**

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|                  |  |
|------------------|--|
| Driver / Ballast | Integral EC electronic converter. DALI   |
| Power factor     | > 0.9  |
| Surge protection | In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection. |

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**Additional information**

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|          |                         |
|----------|-------------------------|
| Lifetime | Ta=40° L90B10 > 100000h |
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**Options**

**Light distribution**

**Colour temperature**

**Nominal Watt**

|  |  |
|--|--|
|    | asymmetric, side throw [S61]                   |
|    | asymmetric, side throw [S65]                   |
|    | asymmetric, side throw [S70]                   |
|    | rectangular, side throw [R60]                  |
|    | pedestrian/bicycle lane [P66]                  |
|    | asymmetric, forward throw [A61]                |
|   | square distribution [Q66]                      |
|  | pedestrian crossing, right-hand traffic [P46R] |
|  | pedestrian crossing, left-hand traffic [P46L]  |
|  | asymmetric, side throw [S66]                   |
|  | asymmetric, side throw [S71]                   |
|  | rectangular, side throw [R61]                  |

|   |        |
|---|--------|
|  | 2200 K |
|  | 2700 K |
|  | 3000 K |
|  | 4000 K |

|      |
|------|
| 8 W  |
| 16 W |
| 12 W |
| 24 W |
| 32 W |
| 48 W |

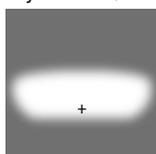
## Configurations

| Light distribution  | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|----------|------------------------------|--------------|-------------------|-----|-------------|
| asymmetric, forward throw [A61]<br> | 102-0442 | LED-8/8W / 350 mA - 2200K    | 1005.6       | 9.5 W             | 70  | 4,70        |
|   | 102-0443 | LED-8/8W / 350 mA - 2700K    | 1005.6       | 9.5 W             | 80  | 4,70        |
|   | 102-0444 | LED-8/8W / 350 mA - 3000K    | 1075         | 9.5 W             | 80  | 4,70        |
|   | 102-0445 | LED-8/8W / 350 mA - 4000K    | 1179         | 9.5 W             | 80  | 4,70        |
|   | 102-0490 | LED-16/16W / 350 mA - 2200K  | 1947.1       | 18 W              | 70  | 4,70        |
|   | 102-0491 | LED-16/16W / 350 mA - 2700K  | 1947.1       | 18 W              | 80  | 4,70        |
|   | 102-0492 | LED-16/16W / 350 mA - 3000K  | 2081.4       | 18 W              | 80  | 4,70        |
|   | 102-0493 | LED-16/16W / 350 mA - 4000K  | 2282.8       | 18 W              | 80  | 4,70        |
|   | 102-0538 | LED-8/12W / 500 mA - 2200K   | 1387.1       | 13.5 W            | 70  | 4,70        |
|   | 102-0539 | LED-8/12W / 500 mA - 2700K   | 1387.1       | 13.5 W            | 80  | 4,70        |
|   | 102-0540 | LED-8/12W / 500 mA - 3000K   | 1491.1       | 13.5 W            | 80  | 4,70        |
|   | 102-0541 | LED-8/12W / 500 mA - 4000K   | 1595.1       | 13.5 W            | 80  | 4,70        |
|   | 102-0586 | LED-16/24W / 500 mA - 2200K  | 2685.7       | 26 W              | 70  | 4,70        |
|   | 102-0587 | LED-16/24W / 500 mA - 2700K  | 2685.7       | 26 W              | 80  | 4,70        |
|   | 102-0588 | LED-16/24W / 500 mA - 3000K  | 2887.1       | 26 W              | 80  | 4,70        |
|   | 102-0589 | LED-16/24W / 500 mA - 4000K  | 3088.5       | 26 W              | 80  | 4,70        |
|   | 102-0634 | LED-8/16W / 700 mA - 2200K   | 1783.4       | 18 W              | 70  | 4,70        |
|   | 102-0635 | LED-8/16W / 700 mA - 2700K   | 1783.4       | 18 W              | 80  | 4,70        |
|   | 102-0636 | LED-8/16W / 700 mA - 3000K   | 1915.5       | 18 W              | 80  | 4,70        |
|   | 102-0637 | LED-8/16W / 700 mA - 4000K   | 2047.6       | 18 W              | 80  | 4,70        |
|   | 102-0682 | LED-16/32W / 700 mA - 2200K  | 3453.1       | 35 W              | 70  | 4,70        |
|   | 102-0683 | LED-16/32W / 700 mA - 2700K  | 3453.1       | 35 W              | 80  | 4,70        |
|   | 102-0684 | LED-16/32W / 700 mA - 3000K  | 3708.9       | 35 W              | 80  | 4,70        |
|   | 102-0685 | LED-16/32W / 700 mA - 4000K  | 3964.7       | 35 W              | 80  | 4,70        |
|   | 102-0730 | LED-8/24W / 1050 mA - 2200K  | 2476.9       | 27.5 W            | 70  | 4,70        |
|   | 102-0731 | LED-8/24W / 1050 mA - 2700K  | 2476.9       | 27.5 W            | 80  | 4,70        |
|   | 102-0732 | LED-8/24W / 1050 mA - 3000K  | 2675.1       | 27.5 W            | 80  | 4,70        |
|   | 102-0733 | LED-8/24W / 1050 mA - 4000K  | 2840.2       | 27.5 W            | 80  | 4,70        |
|   | 102-0778 | LED-16/48W / 1050 mA - 2200K | 4796         | 54 W              | 70  | 4,70        |
|   | 102-0779 | LED-16/48W / 1050 mA - 2700K | 4796         | 54 W              | 80  | 4,70        |
|   | 102-0780 | LED-16/48W / 1050 mA - 3000K | 5179.7       | 54 W              | 80  | 4,70        |
|   | 102-0781 | LED-16/48W / 1050 mA - 4000K | 5499.4       | 54 W              | 80  | 4,70        |
| asymmetric, side throw [S61]  | 102-0422 | LED-8/8W / 350 mA - 2200K    | 1061.8       | 9.5 W             | 70  | 4,70        |
|   | 102-0423 | LED-8/8W / 350 mA - 2700K    | 1061.8       | 9.5 W             | 80  | 4,70        |

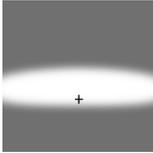
## Pole mounted

| Light distribution               | Part ID                     | Light source                 | Rated lumens | Rated input power | CRI  | Weight (kg) |
|----------------------------------|-----------------------------|------------------------------|--------------|-------------------|------|-------------|
|                                  | 102-0424                    | LED-8/8W / 350 mA - 3000K    | 1135         | 9.5 W             | 80   | 4,70        |
|                                  | 102-0425                    | LED-8/8W / 350 mA - 4000K    | 1244.9       | 9.5 W             | 80   | 4,70        |
|                                  | 102-0470                    | LED-16/16W / 350 mA - 2200K  | 2037.5       | 18 W              | 70   | 4,70        |
|                                  | 102-0471                    | LED-16/16W / 350 mA - 2700K  | 2037.5       | 18 W              | 80   | 4,70        |
|                                  | 102-0472                    | LED-16/16W / 350 mA - 3000K  | 2178         | 18 W              | 80   | 4,70        |
|                                  | 102-0473                    | LED-16/16W / 350 mA - 4000K  | 2388.8       | 18 W              | 80   | 4,70        |
|                                  | 102-0518                    | LED-8/12W / 500 mA - 2200K   | 1464.6       | 13.5 W            | 70   | 4,70        |
|                                  | 102-0519                    | LED-8/12W / 500 mA - 2700K   | 1464.6       | 13.5 W            | 80   | 4,70        |
|                                  | 102-0520                    | LED-8/12W / 500 mA - 3000K   | 1574.4       | 13.5 W            | 80   | 4,70        |
|                                  | 102-0521                    | LED-8/12W / 500 mA - 4000K   | 1684.2       | 13.5 W            | 80   | 4,70        |
|                                  | 102-0566                    | LED-16/24W / 500 mA - 2200K  | 2810.4       | 26 W              | 70   | 4,70        |
|                                  | 102-0567                    | LED-16/24W / 500 mA - 2700K  | 2810.4       | 26 W              | 80   | 4,70        |
|                                  | 102-0568                    | LED-16/24W / 500 mA - 3000K  | 3021.2       | 26 W              | 80   | 4,70        |
|                                  | 102-0569                    | LED-16/24W / 500 mA - 4000K  | 3231.9       | 26 W              | 80   | 4,70        |
|                                  | 102-0614                    | LED-8/16W / 700 mA - 2200K   | 1883.1       | 18 W              | 70   | 4,70        |
|                                  | 102-0615                    | LED-8/16W / 700 mA - 2700K   | 1883.1       | 18 W              | 80   | 4,70        |
|                                  | 102-0616                    | LED-8/16W / 700 mA - 3000K   | 2022.5       | 18 W              | 80   | 4,70        |
|                                  | 102-0617                    | LED-8/16W / 700 mA - 4000K   | 2162         | 18 W              | 80   | 4,70        |
|                                  | 102-0662                    | LED-16/32W / 700 mA - 2200K  | 3613.5       | 35 W              | 70   | 4,70        |
|                                  | 102-0663                    | LED-16/32W / 700 mA - 2700K  | 3613.5       | 35 W              | 80   | 4,70        |
|                                  | 102-0664                    | LED-16/32W / 700 mA - 3000K  | 3881.1       | 35 W              | 80   | 4,70        |
|                                  | 102-0665                    | LED-16/32W / 700 mA - 4000K  | 4148.8       | 35 W              | 80   | 4,70        |
|                                  | 102-0710                    | LED-8/24W / 1050 mA - 2200K  | 2615.4       | 27.5 W            | 70   | 4,70        |
|                                  | 102-0711                    | LED-8/24W / 1050 mA - 2700K  | 2615.4       | 27.5 W            | 80   | 4,70        |
|                                  | 102-0712                    | LED-8/24W / 1050 mA - 3000K  | 2824.6       | 27.5 W            | 80   | 4,70        |
|                                  | 102-0713                    | LED-8/24W / 1050 mA - 4000K  | 2998.9       | 27.5 W            | 80   | 4,70        |
|                                  | 102-0758                    | LED-16/48W / 1050 mA - 2200K | 5018.7       | 54 W              | 70   | 4,70        |
|                                  | 102-0759                    | LED-16/48W / 1050 mA - 2700K | 5018.7       | 54 W              | 80   | 4,70        |
|                                  | 102-0760                    | LED-16/48W / 1050 mA - 3000K | 5420.2       | 54 W              | 80   | 4,70        |
|                                  | 102-0761                    | LED-16/48W / 1050 mA - 4000K | 5754.8       | 54 W              | 80   | 4,70        |
| asymmetric, side throw [S65]<br> | 102-0426                    | LED-8/8W / 350 mA - 2200K    | 1078.9       | 9.5 W             | 70   | 4,70        |
|                                  | 102-0427                    | LED-8/8W / 350 mA - 2700K    | 1078.9       | 9.5 W             | 80   | 4,70        |
|                                  | 102-0428                    | LED-8/8W / 350 mA - 3000K    | 1153.3       | 9.5 W             | 80   | 4,70        |
|                                  | 102-0429                    | LED-8/8W / 350 mA - 4000K    | 1265         | 9.5 W             | 80   | 4,70        |
|                                  | 102-0474                    | LED-16/16W / 350 mA - 2200K  | 2051.3       | 18 W              | 70   | 4,70        |
| 102-0475                         | LED-16/16W / 350 mA - 2700K | 2051.3                       | 18 W         | 80                | 4,70 |             |

| Light distribution           | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|------------------------------|----------|------------------------------|--------------|-------------------|-----|-------------|
|                              | 102-0476 | LED-16/16W / 350 mA - 3000K  | 2192.8       | 18 W              | 80  | 4,70        |
|                              | 102-0477 | LED-16/16W / 350 mA - 4000K  | 2405         | 18 W              | 80  | 4,70        |
|                              | 102-0522 | LED-8/12W / 500 mA - 2200K   | 1488.2       | 13.5 W            | 70  | 4,70        |
|                              | 102-0523 | LED-8/12W / 500 mA - 2700K   | 1488.2       | 13.5 W            | 80  | 4,70        |
|                              | 102-0524 | LED-8/12W / 500 mA - 3000K   | 1599.8       | 13.5 W            | 80  | 4,70        |
|                              | 102-0525 | LED-8/12W / 500 mA - 4000K   | 1711.4       | 13.5 W            | 80  | 4,70        |
|                              | 102-0570 | LED-16/24W / 500 mA - 2200K  | 2829.4       | 26 W              | 70  | 4,70        |
|                              | 102-0571 | LED-16/24W / 500 mA - 2700K  | 2829.4       | 26 W              | 80  | 4,70        |
|                              | 102-0572 | LED-16/24W / 500 mA - 3000K  | 3041.6       | 26 W              | 80  | 4,70        |
|                              | 102-0573 | LED-16/24W / 500 mA - 4000K  | 3253.8       | 26 W              | 80  | 4,70        |
|                              | 102-0618 | LED-8/16W / 700 mA - 2200K   | 1913.4       | 18 W              | 70  | 4,70        |
|                              | 102-0619 | LED-8/16W / 700 mA - 2700K   | 1913.4       | 18 W              | 80  | 4,70        |
|                              | 102-0620 | LED-8/16W / 700 mA - 3000K   | 2055.2       | 18 W              | 80  | 4,70        |
|                              | 102-0621 | LED-8/16W / 700 mA - 4000K   | 2196.9       | 18 W              | 80  | 4,70        |
|                              | 102-0666 | LED-16/32W / 700 mA - 2200K  | 3637.9       | 35 W              | 70  | 4,70        |
|                              | 102-0667 | LED-16/32W / 700 mA - 2700K  | 3637.9       | 35 W              | 80  | 4,70        |
|                              | 102-0668 | LED-16/32W / 700 mA - 3000K  | 3907.4       | 35 W              | 80  | 4,70        |
|                              | 102-0669 | LED-16/32W / 700 mA - 4000K  | 4176.8       | 35 W              | 80  | 4,70        |
|                              | 102-0714 | LED-8/24W / 1050 mA - 2200K  | 2657.5       | 27.5 W            | 70  | 4,70        |
|                              | 102-0715 | LED-8/24W / 1050 mA - 2700K  | 2657.5       | 27.5 W            | 80  | 4,70        |
|                              | 102-0716 | LED-8/24W / 1050 mA - 3000K  | 2870.1       | 27.5 W            | 80  | 4,70        |
|                              | 102-0717 | LED-8/24W / 1050 mA - 4000K  | 3047.3       | 27.5 W            | 80  | 4,70        |
|                              | 102-0762 | LED-16/48W / 1050 mA - 2200K | 5052.6       | 54 W              | 70  | 4,70        |
|                              | 102-0763 | LED-16/48W / 1050 mA - 2700K | 5052.6       | 54 W              | 80  | 4,70        |
|                              | 102-0764 | LED-16/48W / 1050 mA - 3000K | 5456.8       | 54 W              | 80  | 4,70        |
|                              | 102-0765 | LED-16/48W / 1050 mA - 4000K | 5793.7       | 54 W              | 80  | 4,70        |
| asymmetric, side throw [S66] | 102-0458 | LED-8/8W / 350 mA - 2200K    | 1053.1       | 9.5 W             | 70  | 4,70        |
|                              | 102-0459 | LED-8/8W / 350 mA - 2700K    | 1053.1       | 9.5 W             | 80  | 4,70        |
|                              | 102-0460 | LED-8/8W / 350 mA - 3000K    | 1125.7       | 9.5 W             | 80  | 4,70        |
|                              | 102-0461 | LED-8/8W / 350 mA - 4000K    | 1234.6       | 9.5 W             | 80  | 4,70        |
|                              | 102-0506 | LED-16/16W / 350 mA - 2200K  | 2013.3       | 18 W              | 70  | 4,70        |
|                              | 102-0507 | LED-16/16W / 350 mA - 2700K  | 2013.3       | 18 W              | 80  | 4,70        |
|                              | 102-0508 | LED-16/16W / 350 mA - 3000K  | 2152.2       | 18 W              | 80  | 4,70        |
|                              | 102-0509 | LED-16/16W / 350 mA - 4000K  | 2360.4       | 18 W              | 80  | 4,70        |
|                              | 102-0554 | LED-8/12W / 500 mA - 2200K   | 1452.5       | 13.5 W            | 70  | 4,70        |
|                              | 102-0555 | LED-8/12W / 500 mA - 2700K   | 1452.5       | 13.5 W            | 80  | 4,70        |

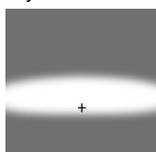


## Pole mounted

| Light distribution   | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|----------|------------------------------|--------------|-------------------|-----|-------------|
|  | 102-0556 | LED-8/12W / 500 mA - 3000K   | 1561.5       | 13.5 W            | 80  | 4,70        |
|  | 102-0557 | LED-8/12W / 500 mA - 4000K   | 1670.4       | 13.5 W            | 80  | 4,70        |
|  | 102-0602 | LED-16/24W / 500 mA - 2200K  | 2777         | 26 W              | 70  | 4,70        |
|  | 102-0603 | LED-16/24W / 500 mA - 2700K  | 2777         | 26 W              | 80  | 4,70        |
|  | 102-0604 | LED-16/24W / 500 mA - 3000K  | 2985.3       | 26 W              | 80  | 4,70        |
|  | 102-0605 | LED-16/24W / 500 mA - 4000K  | 3193.5       | 26 W              | 80  | 4,70        |
|  | 102-0650 | LED-8/16W / 700 mA - 2200K   | 1867.6       | 18 W              | 70  | 4,70        |
|  | 102-0651 | LED-8/16W / 700 mA - 2700K   | 1867.6       | 18 W              | 80  | 4,70        |
|  | 102-0652 | LED-8/16W / 700 mA - 3000K   | 2005.9       | 18 W              | 80  | 4,70        |
|  | 102-0653 | LED-8/16W / 700 mA - 4000K   | 2144.3       | 18 W              | 80  | 4,70        |
|  | 102-0698 | LED-16/32W / 700 mA - 2200K  | 3570.5       | 35 W              | 70  | 4,70        |
|  | 102-0699 | LED-16/32W / 700 mA - 2700K  | 3570.5       | 35 W              | 80  | 4,70        |
|  | 102-0700 | LED-16/32W / 700 mA - 3000K  | 3835         | 35 W              | 80  | 4,70        |
|  | 102-0701 | LED-16/32W / 700 mA - 4000K  | 4099.5       | 35 W              | 80  | 4,70        |
|  | 102-0746 | LED-8/24W / 1050 mA - 2200K  | 2593.9       | 27.5 W            | 70  | 4,70        |
|  | 102-0747 | LED-8/24W / 1050 mA - 2700K  | 2593.9       | 27.5 W            | 80  | 4,70        |
|  | 102-0748 | LED-8/24W / 1050 mA - 3000K  | 2801.4       | 27.5 W            | 80  | 4,70        |
|  | 102-0749 | LED-8/24W / 1050 mA - 4000K  | 2974.3       | 27.5 W            | 80  | 4,70        |
|  | 102-0794 | LED-16/48W / 1050 mA - 2200K | 4959.1       | 54 W              | 70  | 4,70        |
|  | 102-0795 | LED-16/48W / 1050 mA - 2700K | 4959.1       | 54 W              | 80  | 4,70        |
|  | 102-0796 | LED-16/48W / 1050 mA - 3000K | 5355.8       | 54 W              | 80  | 4,70        |
|  | 102-0797 | LED-16/48W / 1050 mA - 4000K | 5686.4       | 54 W              | 80  | 4,70        |
| asymmetric, side throw [S70]   | 102-0430 | LED-8/8W / 350 mA - 2200K    | 989.9        | 9.5 W             | 70  | 4,70        |
|  | 102-0431 | LED-8/8W / 350 mA - 2700K    | 989.9        | 9.5 W             | 80  | 4,70        |
|  | 102-0432 | LED-8/8W / 350 mA - 3000K    | 1058.1       | 9.5 W             | 80  | 4,70        |
|  | 102-0433 | LED-8/8W / 350 mA - 4000K    | 1160.5       | 9.5 W             | 80  | 4,70        |
|  | 102-0478 | LED-16/16W / 350 mA - 2200K  | 1894.2       | 18 W              | 70  | 4,70        |
|  | 102-0479 | LED-16/16W / 350 mA - 2700K  | 1894.2       | 18 W              | 80  | 4,70        |
|  | 102-0480 | LED-16/16W / 350 mA - 3000K  | 2024.9       | 18 W              | 80  | 4,70        |
|  | 102-0481 | LED-16/16W / 350 mA - 4000K  | 2220.8       | 18 W              | 80  | 4,70        |
|  | 102-0526 | LED-8/12W / 500 mA - 2200K   | 1365.3       | 13.5 W            | 70  | 4,70        |
|  | 102-0527 | LED-8/12W / 500 mA - 2700K   | 1365.3       | 13.5 W            | 80  | 4,70        |
|  | 102-0528 | LED-8/12W / 500 mA - 3000K   | 1467.7       | 13.5 W            | 80  | 4,70        |
|  | 102-0529 | LED-8/12W / 500 mA - 4000K   | 1570.1       | 13.5 W            | 80  | 4,70        |
|  | 102-0574 | LED-16/24W / 500 mA - 2200K  | 2612.7       | 26 W              | 70  | 4,70        |
|  | 102-0575 | LED-16/24W / 500 mA - 2700K  | 2612.7       | 26 W              | 80  | 4,70        |

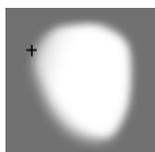
## Pole mounted

| Light distribution           | Part ID     | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|------------------------------|-------------|------------------------------|--------------|-------------------|-----|-------------|
|                              | 102-0576    | LED-16/24W / 500 mA - 3000K  | 2808.7       | 26 W              | 80  | 4,70        |
|                              | 102-0577    | LED-16/24W / 500 mA - 4000K  | 3004.6       | 26 W              | 80  | 4,70        |
|                              | 102-0622    | LED-8/16W / 700 mA - 2200K   | 1755.4       | 18 W              | 70  | 4,70        |
|                              | 102-0623    | LED-8/16W / 700 mA - 2700K   | 1755.4       | 18 W              | 80  | 4,70        |
|                              | 102-0624    | LED-8/16W / 700 mA - 3000K   | 1885.5       | 18 W              | 80  | 4,70        |
|                              | 102-0625    | LED-8/16W / 700 mA - 4000K   | 2015.5       | 18 W              | 80  | 4,70        |
|                              | 102-0670    | LED-16/32W / 700 mA - 2200K  | 3359.3       | 35 W              | 70  | 4,70        |
|                              | 102-0671    | LED-16/32W / 700 mA - 2700K  | 3359.3       | 35 W              | 80  | 4,70        |
|                              | 102-0672    | LED-16/32W / 700 mA - 3000K  | 3608.1       | 35 W              | 80  | 4,70        |
|                              | 102-0673    | LED-16/32W / 700 mA - 4000K  | 3857         | 35 W              | 80  | 4,70        |
|                              | 102-0718    | LED-8/24W / 1050 mA - 2200K  | 2438.1       | 27.5 W            | 70  | 4,70        |
|                              | 102-0719    | LED-8/24W / 1050 mA - 2700K  | 2438.1       | 27.5 W            | 80  | 4,70        |
|                              | 102-0720    | LED-8/24W / 1050 mA - 3000K  | 2633.2       | 27.5 W            | 80  | 4,70        |
|                              | 102-0721    | LED-8/24W / 1050 mA - 4000K  | 2795.7       | 27.5 W            | 80  | 4,70        |
|                              | 102-0766    | LED-16/48W / 1050 mA - 2200K | 4665.7       | 54 W              | 70  | 4,70        |
|                              | 102-0767    | LED-16/48W / 1050 mA - 2700K | 4665.7       | 54 W              | 80  | 4,70        |
|                              | 102-0768    | LED-16/48W / 1050 mA - 3000K | 5038.9       | 54 W              | 80  | 4,70        |
|                              | 102-0769    | LED-16/48W / 1050 mA - 4000K | 5350         | 54 W              | 80  | 4,70        |
| asymmetric, side throw [S71] | 102-0462    | LED-8/8W / 350 mA - 2200K    | 903.3        | 9.5 W             | 70  | 4,70        |
|                              | 102-0463    | LED-8/8W / 350 mA - 2700K    | 903.3        | 9.5 W             | 80  | 4,70        |
|                              | 102-0464    | LED-8/8W / 350 mA - 3000K    | 965.6        | 9.5 W             | 80  | 4,70        |
|                              | 102-0464-70 | LED-8/8W / 350 mA - 3000K    | 1121.3       | 9.5 W             | 70  | 4,70        |
|                              | 102-0465    | LED-8/8W / 350 mA - 4000K    | 1059         | 9.5 W             | 80  | 4,70        |
|                              | 102-0465-70 | LED-8/8W / 350 mA - 4000K    | 1183.6       | 9.5 W             | 70  | 4,70        |
|                              | 102-0510    | LED-16/16W / 350 mA - 2200K  | 1772.4       | 18 W              | 70  | 4,70        |
|                              | 102-0511    | LED-16/16W / 350 mA - 2700K  | 1772.4       | 18 W              | 80  | 4,70        |
|                              | 102-0512    | LED-16/16W / 350 mA - 3000K  | 1894.6       | 18 W              | 80  | 4,70        |
|                              | 102-0513    | LED-16/16W / 350 mA - 4000K  | 2078         | 18 W              | 80  | 4,70        |
|                              | 102-0558    | LED-8/12W / 500 mA - 2200K   | 1245.9       | 13.5 W            | 70  | 4,70        |
|                              | 102-0559    | LED-8/12W / 500 mA - 2700K   | 1245.9       | 13.5 W            | 80  | 4,70        |
|                              | 102-0560    | LED-8/12W / 500 mA - 3000K   | 1339.3       | 13.5 W            | 80  | 4,70        |
|                              | 102-0561    | LED-8/12W / 500 mA - 4000K   | 1432.8       | 13.5 W            | 80  | 4,70        |
|                              | 102-0606    | LED-16/24W / 500 mA - 2200K  | 2444.7       | 26 W              | 70  | 4,70        |
|                              | 102-0607    | LED-16/24W / 500 mA - 2700K  | 2444.7       | 26 W              | 80  | 4,70        |
|                              | 102-0608    | LED-16/24W / 500 mA - 3000K  | 2628.1       | 26 W              | 80  | 4,70        |
|                              | 102-0609    | LED-16/24W / 500 mA - 4000K  | 2811.4       | 26 W              | 80  | 4,70        |

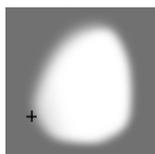


## Pole mounted

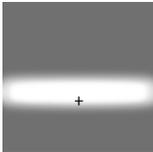
| Light distribution                               | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|----------|------------------------------|--------------|-------------------|-----|-------------|
|  | 102-0654 | LED-8/16W / 700 mA - 2200K   | 1601.9       | 18 W              | 70  | 4,70        |
|  | 102-0655 | LED-8/16W / 700 mA - 2700K   | 1601.9       | 18 W              | 80  | 4,70        |
|  | 102-0656 | LED-8/16W / 700 mA - 3000K   | 1720.5       | 18 W              | 80  | 4,70        |
|  | 102-0657 | LED-8/16W / 700 mA - 4000K   | 1839.2       | 18 W              | 80  | 4,70        |
|  | 102-0702 | LED-16/32W / 700 mA - 2200K  | 3143.3       | 35 W              | 70  | 4,70        |
|  | 102-0703 | LED-16/32W / 700 mA - 2700K  | 3143.3       | 35 W              | 80  | 4,70        |
|  | 102-0704 | LED-16/32W / 700 mA - 3000K  | 3376.1       | 35 W              | 80  | 4,70        |
|  | 102-0705 | LED-16/32W / 700 mA - 4000K  | 3609         | 35 W              | 80  | 4,70        |
|  | 102-0750 | LED-8/24W / 1050 mA - 2200K  | 2224.8       | 27.5 W            | 70  | 4,70        |
|  | 102-0751 | LED-8/24W / 1050 mA - 2700K  | 2224.8       | 27.5 W            | 80  | 4,70        |
|  | 102-0752 | LED-8/24W / 1050 mA - 3000K  | 2402.8       | 27.5 W            | 80  | 4,70        |
|  | 102-0753 | LED-8/24W / 1050 mA - 4000K  | 2551.1       | 27.5 W            | 80  | 4,70        |
|  | 102-0798 | LED-16/48W / 1050 mA - 2200K | 4365.7       | 54 W              | 70  | 4,70        |
|  | 102-0799 | LED-16/48W / 1050 mA - 2700K | 4365.7       | 54 W              | 80  | 4,70        |
|  | 102-0800 | LED-16/48W / 1050 mA - 3000K | 4715         | 54 W              | 80  | 4,70        |
|  | 102-0801 | LED-16/48W / 1050 mA - 4000K | 5006         | 54 W              | 80  | 4,70        |
| pedestrian crossing, left-hand traffic<br>[P46L] | 102-0454 | LED-8/8W / 350 mA - 2200K    | 1073.7       | 9.5 W             | 70  | 4,70        |
|  | 102-0455 | LED-8/8W / 350 mA - 2700K    | 1073.7       | 9.5 W             | 80  | 4,70        |
|  | 102-0456 | LED-8/8W / 350 mA - 3000K    | 1147.7       | 9.5 W             | 80  | 4,70        |
|  | 102-0457 | LED-8/8W / 350 mA - 4000K    | 1258.8       | 9.5 W             | 80  | 4,70        |
|  | 102-0502 | LED-16/16W / 350 mA - 2200K  | 2073.6       | 18 W              | 70  | 4,70        |
|  | 102-0503 | LED-16/16W / 350 mA - 2700K  | 2073.6       | 18 W              | 80  | 4,70        |
|  | 102-0504 | LED-16/16W / 350 mA - 3000K  | 2216.6       | 18 W              | 80  | 4,70        |
|  | 102-0505 | LED-16/16W / 350 mA - 4000K  | 2431.2       | 18 W              | 80  | 4,70        |
|  | 102-0550 | LED-8/12W / 500 mA - 2200K   | 1480.9       | 13.5 W            | 70  | 4,70        |
|  | 102-0551 | LED-8/12W / 500 mA - 2700K   | 1480.9       | 13.5 W            | 80  | 4,70        |
|  | 102-0552 | LED-8/12W / 500 mA - 3000K   | 1592         | 13.5 W            | 80  | 4,70        |
|  | 102-0553 | LED-8/12W / 500 mA - 4000K   | 1703         | 13.5 W            | 80  | 4,70        |
|  | 102-0598 | LED-16/24W / 500 mA - 2200K  | 3234.8       | 26 W              | 70  | 4,70        |
|  | 102-0599 | LED-16/24W / 500 mA - 2700K  | 2860.2       | 26 W              | 80  | 4,70        |
|  | 102-0600 | LED-16/24W / 500 mA - 3000K  | 3074.7       | 26 W              | 80  | 4,70        |
|  | 102-0601 | LED-16/24W / 500 mA - 4000K  | 3289.2       | 26 W              | 80  | 4,70        |
|  | 102-0646 | LED-8/16W / 700 mA - 2200K   | 1904.1       | 18 W              | 70  | 4,70        |
|  | 102-0647 | LED-8/16W / 700 mA - 2700K   | 1904.1       | 18 W              | 80  | 4,70        |
|  | 102-0648 | LED-8/16W / 700 mA - 3000K   | 2045.1       | 18 W              | 80  | 4,70        |
|  | 102-0649 | LED-8/16W / 700 mA - 4000K   | 2186.2       | 18 W              | 80  | 4,70        |



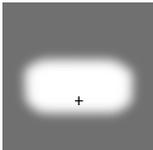
| Light distribution                                | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|----------|------------------------------|--------------|-------------------|-----|-------------|
|   | 102-0694 | LED-16/32W / 700 mA - 2200K  | 3677.5       | 35 W              | 70  | 4,70        |
|   | 102-0695 | LED-16/32W / 700 mA - 2700K  | 3677.5       | 35 W              | 80  | 4,70        |
|   | 102-0696 | LED-16/32W / 700 mA - 3000K  | 3949.9       | 35 W              | 80  | 4,70        |
|   | 102-0697 | LED-16/32W / 700 mA - 4000K  | 4222.3       | 35 W              | 80  | 4,70        |
|   | 102-0742 | LED-8/24W / 1050 mA - 2200K  | 2644.6       | 27.5 W            | 70  | 4,70        |
|   | 102-0743 | LED-8/24W / 1050 mA - 2700K  | 2644.6       | 27.5 W            | 80  | 4,70        |
|   | 102-0744 | LED-8/24W / 1050 mA - 3000K  | 2856.1       | 27.5 W            | 80  | 4,70        |
|   | 102-0745 | LED-8/24W / 1050 mA - 4000K  | 3032.5       | 27.5 W            | 80  | 4,70        |
|   | 102-0790 | LED-16/48W / 1050 mA - 2200K | 5107.6       | 54 W              | 70  | 4,70        |
|   | 102-0791 | LED-16/48W / 1050 mA - 2700K | 5107.6       | 54 W              | 80  | 4,70        |
|   | 102-0792 | LED-16/48W / 1050 mA - 3000K | 5516.2       | 54 W              | 80  | 4,70        |
|   | 102-0793 | LED-16/48W / 1050 mA - 4000K | 5856.7       | 54 W              | 80  | 4,70        |
| pedestrian crossing, right-hand traffic<br>[P46R] | 102-0450 | LED-8/8W / 350 mA - 2200K    | 1066.4       | 9.5 W             | 70  | 4,70        |
|   | 102-0451 | LED-8/8W / 350 mA - 2700K    | 1066.4       | 9.5 W             | 80  | 4,70        |
|   | 102-0452 | LED-8/8W / 350 mA - 3000K    | 1140         | 9.5 W             | 80  | 4,70        |
|   | 102-0453 | LED-8/8W / 350 mA - 4000K    | 1250.3       | 9.5 W             | 80  | 4,70        |
|   | 102-0498 | LED-16/16W / 350 mA - 2200K  | 2039.3       | 18 W              | 70  | 4,70        |
|   | 102-0499 | LED-16/16W / 350 mA - 2700K  | 2039.3       | 18 W              | 80  | 4,70        |
|   | 102-0500 | LED-16/16W / 350 mA - 3000K  | 2180         | 18 W              | 80  | 4,70        |
|   | 102-0501 | LED-16/16W / 350 mA - 4000K  | 2390.9       | 18 W              | 80  | 4,70        |
|   | 102-0546 | LED-8/12W / 500 mA - 2200K   | 1470.9       | 13.5 W            | 70  | 4,70        |
|   | 102-0547 | LED-8/12W / 500 mA - 2700K   | 1470.9       | 13.5 W            | 80  | 4,70        |
|   | 102-0548 | LED-8/12W / 500 mA - 3000K   | 1581.2       | 13.5 W            | 80  | 4,70        |
|   | 102-0549 | LED-8/12W / 500 mA - 4000K   | 1691.5       | 13.5 W            | 80  | 4,70        |
|   | 102-0594 | LED-16/24W / 500 mA - 2200K  | 2812.9       | 26 W              | 70  | 4,70        |
|   | 102-0595 | LED-16/24W / 500 mA - 2700K  | 2812.9       | 26 W              | 80  | 4,70        |
|   | 102-0596 | LED-16/24W / 500 mA - 3000K  | 3023.8       | 26 W              | 80  | 4,70        |
|   | 102-0597 | LED-16/24W / 500 mA - 4000K  | 3234.8       | 26 W              | 80  | 4,70        |
|   | 102-0642 | LED-8/16W / 700 mA - 2200K   | 1891.3       | 18 W              | 70  | 4,70        |
|   | 102-0643 | LED-8/16W / 700 mA - 2700K   | 1891.3       | 18 W              | 80  | 4,70        |
|   | 102-0644 | LED-8/16W / 700 mA - 3000K   | 2031.3       | 18 W              | 80  | 4,70        |
|   | 102-0645 | LED-8/16W / 700 mA - 4000K   | 2171.4       | 18 W              | 80  | 4,70        |
|   | 102-0690 | LED-16/32W / 700 mA - 2200K  | 3616.7       | 35 W              | 70  | 4,70        |
|   | 102-0691 | LED-16/32W / 700 mA - 2700K  | 3616.7       | 35 W              | 80  | 4,70        |
|   | 102-0692 | LED-16/32W / 700 mA - 3000K  | 3884.6       | 35 W              | 80  | 4,70        |
|   | 102-0693 | LED-16/32W / 700 mA - 4000K  | 4152.5       | 35 W              | 80  | 4,70        |



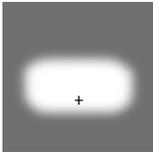
## Pole mounted

| Light distribution   | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|----------|------------------------------|--------------|-------------------|-----|-------------|
|  | 102-0738 | LED-8/24W / 1050 mA - 2200K  | 2626.7       | 27.5 W            | 70  | 4,70        |
|  | 102-0739 | LED-8/24W / 1050 mA - 2700K  | 2626.7       | 27.5 W            | 80  | 4,70        |
|  | 102-0740 | LED-8/24W / 1050 mA - 3000K  | 2836.9       | 27.5 W            | 80  | 4,70        |
|  | 102-0741 | LED-8/24W / 1050 mA - 4000K  | 3012         | 27.5 W            | 80  | 4,70        |
|  | 102-0786 | LED-16/48W / 1050 mA - 2200K | 5023.1       | 54 W              | 70  | 4,70        |
|  | 102-0787 | LED-16/48W / 1050 mA - 2700K | 5023.1       | 54 W              | 80  | 4,70        |
|  | 102-0788 | LED-16/48W / 1050 mA - 3000K | 5425         | 54 W              | 80  | 4,70        |
|  | 102-0789 | LED-16/48W / 1050 mA - 4000K | 5759.9       | 54 W              | 80  | 4,70        |
| pedestrian/bicycle lane [P66]  | 102-0438 | LED-8/8W / 350 mA - 2200K    | 985.9        | 9.5 W             | 70  | 4,70        |
|  | 102-0439 | LED-8/8W / 350 mA - 2700K    | 985.9        | 9.5 W             | 80  | 4,70        |
|  | 102-0440 | LED-8/8W / 350 mA - 3000K    | 1053.9       | 9.5 W             | 80  | 4,70        |
|  | 102-0441 | LED-8/8W / 350 mA - 4000K    | 1155.9       | 9.5 W             | 80  | 4,70        |
|  | 102-0486 | LED-16/16W / 350 mA - 2200K  | 1882.3       | 18 W              | 70  | 4,70        |
|  | 102-0487 | LED-16/16W / 350 mA - 2700K  | 1882.3       | 18 W              | 80  | 4,70        |
|  | 102-0488 | LED-16/16W / 350 mA - 3000K  | 2012.1       | 18 W              | 80  | 4,70        |
|  | 102-0489 | LED-16/16W / 350 mA - 4000K  | 2206.8       | 18 W              | 80  | 4,70        |
|  | 102-0534 | LED-8/12W / 500 mA - 2200K   | 1359.9       | 13.5 W            | 70  | 4,70        |
|  | 102-0535 | LED-8/12W / 500 mA - 2700K   | 1359.9       | 13.5 W            | 80  | 4,70        |
|  | 102-0536 | LED-8/12W / 500 mA - 3000K   | 1461.8       | 13.5 W            | 80  | 4,70        |
|  | 102-0537 | LED-8/12W / 500 mA - 4000K   | 1563.8       | 13.5 W            | 80  | 4,70        |
|  | 102-0582 | LED-16/24W / 500 mA - 2200K  | 2596.3       | 26 W              | 70  | 4,70        |
|  | 102-0583 | LED-16/24W / 500 mA - 2700K  | 2596.3       | 26 W              | 80  | 4,70        |
|  | 102-0584 | LED-16/24W / 500 mA - 3000K  | 2791         | 26 W              | 80  | 4,70        |
|  | 102-0585 | LED-16/24W / 500 mA - 4000K  | 2985.7       | 26 W              | 80  | 4,70        |
|  | 102-0630 | LED-8/16W / 700 mA - 2200K   | 1748.4       | 18 W              | 70  | 4,70        |
|  | 102-0631 | LED-8/16W / 700 mA - 2700K   | 1748.4       | 18 W              | 80  | 4,70        |
|  | 102-0632 | LED-8/16W / 700 mA - 3000K   | 1877.9       | 18 W              | 80  | 4,70        |
|  | 102-0633 | LED-8/16W / 700 mA - 4000K   | 2007.5       | 18 W              | 80  | 4,70        |
|  | 102-0678 | LED-16/32W / 700 mA - 2200K  | 3338.2       | 35 W              | 70  | 4,70        |
|  | 102-0679 | LED-16/32W / 700 mA - 2700K  | 3338.2       | 35 W              | 80  | 4,70        |
|  | 102-0680 | LED-16/32W / 700 mA - 3000K  | 3585.4       | 35 W              | 80  | 4,70        |
|  | 102-0681 | LED-16/32W / 700 mA - 4000K  | 3832.7       | 35 W              | 80  | 4,70        |
|  | 102-0726 | LED-8/24W / 1050 mA - 2200K  | 2428.4       | 27.5 W            | 70  | 4,70        |
|  | 102-0727 | LED-8/24W / 1050 mA - 2700K  | 2428.4       | 27.5 W            | 80  | 4,70        |
|  | 102-0728 | LED-8/24W / 1050 mA - 3000K  | 2622.6       | 27.5 W            | 80  | 4,70        |
|  | 102-0729 | LED-8/24W / 1050 mA - 4000K  | 2784.5       | 27.5 W            | 80  | 4,70        |

## Pole mounted

| Light distribution   | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|----------|------------------------------|--------------|-------------------|-----|-------------|
|  | 102-0774 | LED-16/48W / 1050 mA - 2200K | 4636.3       | 54 W              | 70  | 4,70        |
|  | 102-0775 | LED-16/48W / 1050 mA - 2700K | 4636.3       | 54 W              | 80  | 4,70        |
|  | 102-0776 | LED-16/48W / 1050 mA - 3000K | 5007.3       | 54 W              | 80  | 4,70        |
|  | 102-0777 | LED-16/48W / 1050 mA - 4000K | 5316.3       | 54 W              | 80  | 4,70        |
| rectangular, side throw [R60]  | 102-0434 | LED-8/8W / 350 mA - 2200K    | 926.2        | 9.5 W             | 70  | 4,70        |
|  | 102-0435 | LED-8/8W / 350 mA - 2700K    | 926.2        | 9.5 W             | 80  | 4,70        |
|  | 102-0436 | LED-8/8W / 350 mA - 3000K    | 990.1        | 9.5 W             | 80  | 4,70        |
|  | 102-0437 | LED-8/8W / 350 mA - 4000K    | 1085.9       | 9.5 W             | 80  | 4,70        |
|  | 102-0482 | LED-16/16W / 350 mA - 2200K  | 1765.6       | 18 W              | 70  | 4,70        |
|  | 102-0483 | LED-16/16W / 350 mA - 2700K  | 1765.6       | 18 W              | 80  | 4,70        |
|  | 102-0484 | LED-16/16W / 350 mA - 3000K  | 1887.3       | 18 W              | 80  | 4,70        |
|  | 102-0485 | LED-16/16W / 350 mA - 4000K  | 2070         | 18 W              | 80  | 4,70        |
|  | 102-0530 | LED-8/12W / 500 mA - 2200K   | 1277.5       | 13.5 W            | 70  | 4,70        |
|  | 102-0531 | LED-8/12W / 500 mA - 2700K   | 1277.5       | 13.5 W            | 80  | 4,70        |
|  | 102-0532 | LED-8/12W / 500 mA - 3000K   | 1373.3       | 13.5 W            | 80  | 4,70        |
|  | 102-0533 | LED-8/12W / 500 mA - 4000K   | 1469.2       | 13.5 W            | 80  | 4,70        |
|  | 102-0578 | LED-16/24W / 500 mA - 2200K  | 2435.3       | 26 W              | 70  | 4,70        |
|  | 102-0579 | LED-16/24W / 500 mA - 2700K  | 2435.3       | 26 W              | 80  | 4,70        |
|  | 102-0580 | LED-16/24W / 500 mA - 3000K  | 2617.9       | 26 W              | 80  | 4,70        |
|  | 102-0581 | LED-16/24W / 500 mA - 4000K  | 2800.5       | 26 W              | 80  | 4,70        |
|  | 102-0626 | LED-8/16W / 700 mA - 2200K   | 1642.6       | 18 W              | 70  | 4,70        |
|  | 102-0627 | LED-8/16W / 700 mA - 2700K   | 1642.6       | 18 W              | 80  | 4,70        |
|  | 102-0628 | LED-8/16W / 700 mA - 3000K   | 1764.2       | 18 W              | 80  | 4,70        |
|  | 102-0629 | LED-8/16W / 700 mA - 4000K   | 1885.9       | 18 W              | 80  | 4,70        |
|  | 102-0674 | LED-16/32W / 700 mA - 2200K  | 3131.1       | 35 W              | 70  | 4,70        |
|  | 102-0675 | LED-16/32W / 700 mA - 2700K  | 3131.1       | 35 W              | 80  | 4,70        |
|  | 102-0676 | LED-16/32W / 700 mA - 3000K  | 3363.1       | 35 W              | 80  | 4,70        |
|  | 102-0677 | LED-16/32W / 700 mA - 4000K  | 3595         | 35 W              | 80  | 4,70        |
|  | 102-0722 | LED-8/24W / 1050 mA - 2200K  | 2281.3       | 27.5 W            | 70  | 4,70        |
|  | 102-0723 | LED-8/24W / 1050 mA - 2700K  | 2281.3       | 27.5 W            | 80  | 4,70        |
|  | 102-0724 | LED-8/24W / 1050 mA - 3000K  | 2463.9       | 27.5 W            | 80  | 4,70        |
|  | 102-0725 | LED-8/24W / 1050 mA - 4000K  | 2615.9       | 27.5 W            | 80  | 4,70        |
|  | 102-0770 | LED-16/48W / 1050 mA - 2200K | 4348.8       | 54 W              | 70  | 4,70        |
|  | 102-0771 | LED-16/48W / 1050 mA - 2700K | 4348.8       | 54 W              | 80  | 4,70        |
|  | 102-0772 | LED-16/48W / 1050 mA - 3000K | 4696.7       | 54 W              | 80  | 4,70        |
|  | 102-0773 | LED-16/48W / 1050 mA - 4000K | 4986.6       | 54 W              | 80  | 4,70        |

## Pole mounted

| Light distribution  | Part ID                      | Light source                 | Rated lumens | Rated input power | CRI  | Weight (kg) |
|---|------------------------------|------------------------------|--------------|-------------------|------|-------------|
| rectangular, side throw [R61]<br> | 102-0466                     | LED-8/8W / 350 mA - 2200K    | 888.3        | 9.5 W             | 70   | 4,70        |
|   | 102-0467                     | LED-8/8W / 350 mA - 2700K    | 888.3        | 9.5 W             | 80   | 4,70        |
|   | 102-0468                     | LED-8/8W / 350 mA - 3000K    | 949.6        | 9.5 W             | 80   | 4,70        |
|   | 102-0469                     | LED-8/8W / 350 mA - 4000K    | 1041.5       | 9.5 W             | 80   | 4,70        |
|   | 102-0514                     | LED-16/16W / 350 mA - 2200K  | 1723.6       | 18 W              | 70   | 4,70        |
|   | 102-0515                     | LED-16/16W / 350 mA - 2700K  | 1723.6       | 18 W              | 80   | 4,70        |
|   | 102-0516                     | LED-16/16W / 350 mA - 3000K  | 1842.4       | 18 W              | 80   | 4,70        |
|   | 102-0517                     | LED-16/16W / 350 mA - 4000K  | 2020.7       | 18 W              | 80   | 4,70        |
|   | 102-0562                     | LED-8/12W / 500 mA - 2200K   | 1225.3       | 13.5 W            | 70   | 4,70        |
|   | 102-0563                     | LED-8/12W / 500 mA - 2700K   | 1225.3       | 13.5 W            | 80   | 4,70        |
|   | 102-0564                     | LED-8/12W / 500 mA - 3000K   | 1317.2       | 13.5 W            | 80   | 4,70        |
|   | 102-0565                     | LED-8/12W / 500 mA - 4000K   | 1409.1       | 13.5 W            | 80   | 4,70        |
|   | 102-0610                     | LED-16/24W / 500 mA - 2200K  | 2377.3       | 26 W              | 70   | 4,70        |
|   | 102-0611                     | LED-16/24W / 500 mA - 2700K  | 2377.3       | 26 W              | 80   | 4,70        |
|   | 102-0612                     | LED-16/24W / 500 mA - 3000K  | 2555.6       | 26 W              | 80   | 4,70        |
|   | 102-0613                     | LED-16/24W / 500 mA - 4000K  | 2733.9       | 26 W              | 80   | 4,70        |
|   | 102-0658                     | LED-8/16W / 700 mA - 2200K   | 1575.4       | 18 W              | 70   | 4,70        |
|   | 102-0659                     | LED-8/16W / 700 mA - 2700K   | 1575.4       | 18 W              | 80   | 4,70        |
|   | 102-0660                     | LED-8/16W / 700 mA - 3000K   | 1692.1       | 18 W              | 80   | 4,70        |
|   | 102-0661                     | LED-8/16W / 700 mA - 4000K   | 1808.8       | 18 W              | 80   | 4,70        |
|   | 102-0706                     | LED-16/32W / 700 mA - 2200K  | 3056.7       | 35 W              | 70   | 4,70        |
|   | 102-0707                     | LED-16/32W / 700 mA - 2700K  | 3056.7       | 35 W              | 80   | 4,70        |
|   | 102-0708                     | LED-16/32W / 700 mA - 3000K  | 3283.1       | 35 W              | 80   | 4,70        |
|   | 102-0709                     | LED-16/32W / 700 mA - 4000K  | 3509.5       | 35 W              | 80   | 4,70        |
|   | 102-0754                     | LED-8/24W / 1050 mA - 2200K  | 2188.1       | 27.5 W            | 70   | 4,70        |
|   | 102-0755                     | LED-8/24W / 1050 mA - 2700K  | 2188.1       | 27.5 W            | 80   | 4,70        |
|   | 102-0756                     | LED-8/24W / 1050 mA - 3000K  | 2363.1       | 27.5 W            | 80   | 4,70        |
|   | 102-0757                     | LED-8/24W / 1050 mA - 4000K  | 2509         | 27.5 W            | 80   | 4,70        |
|   | 102-0802                     | LED-16/48W / 1050 mA - 2200K | 4245.3       | 54 W              | 70   | 4,70        |
|   | 102-0803                     | LED-16/48W / 1050 mA - 2700K | 4245.3       | 54 W              | 80   | 4,70        |
| 102-0804  | LED-16/48W / 1050 mA - 3000K | 4585                         | 54 W         | 80                | 4,70 |             |
| 102-0805  | LED-16/48W / 1050 mA - 4000K | 4868                         | 54 W         | 80                | 4,70 |             |
| square distribution [Q66]   | 102-0446                     | LED-8/8W / 350 mA - 2200K    | 930.6        | 9.5 W             | 70   | 4,70        |
|   | 102-0447                     | LED-8/8W / 350 mA - 2700K    | 930.6        | 9.5 W             | 80   | 4,70        |
|   | 102-0448                     | LED-8/8W / 350 mA - 3000K    | 994.8        | 9.5 W             | 80   | 4,70        |
|   | 102-0449                     | LED-8/8W / 350 mA - 4000K    | 1091.1       | 9.5 W             | 80   | 4,70        |

| Light distribution | Part ID  | Light source                 | Rated lumens | Rated input power | CRI | Weight (kg) |
|--------------------|----------|------------------------------|--------------|-------------------|-----|-------------|
|                    | 102-0494 | LED-16/16W / 350 mA - 2200K  | 1747.8       | 18 W              | 70  | 4,70        |
|                    | 102-0495 | LED-16/16W / 350 mA - 2700K  | 1747.8       | 18 W              | 80  | 4,70        |
|                    | 102-0496 | LED-16/16W / 350 mA - 3000K  | 1868.3       | 18 W              | 80  | 4,70        |
|                    | 102-0497 | LED-16/16W / 350 mA - 4000K  | 2049.1       | 18 W              | 80  | 4,70        |
|                    | 102-0542 | LED-8/12W / 500 mA - 2200K   | 1283.6       | 13.5 W            | 70  | 4,70        |
|                    | 102-0543 | LED-8/12W / 500 mA - 2700K   | 1283.6       | 13.5 W            | 80  | 4,70        |
|                    | 102-0544 | LED-8/12W / 500 mA - 3000K   | 1379.9       | 13.5 W            | 80  | 4,70        |
|                    | 102-0545 | LED-8/12W / 500 mA - 4000K   | 1476.1       | 13.5 W            | 80  | 4,70        |
|                    | 102-0590 | LED-16/24W / 500 mA - 2200K  | 2410.8       | 26 W              | 70  | 4,70        |
|                    | 102-0591 | LED-16/24W / 500 mA - 2700K  | 2410.8       | 26 W              | 80  | 4,70        |
|                    | 102-0592 | LED-16/24W / 500 mA - 3000K  | 2591.6       | 26 W              | 80  | 4,70        |
|                    | 102-0593 | LED-16/24W / 500 mA - 4000K  | 2772.4       | 26 W              | 80  | 4,70        |
|                    | 102-0638 | LED-8/16W / 700 mA - 2200K   | 1650.4       | 18 W              | 70  | 4,70        |
|                    | 102-0639 | LED-8/16W / 700 mA - 2700K   | 1650.4       | 18 W              | 80  | 4,70        |
|                    | 102-0640 | LED-8/16W / 700 mA - 3000K   | 1772.6       | 18 W              | 80  | 4,70        |
|                    | 102-0641 | LED-8/16W / 700 mA - 4000K   | 1894.9       | 18 W              | 80  | 4,70        |
|                    | 102-0686 | LED-16/32W / 700 mA - 2200K  | 3099.6       | 35 W              | 70  | 4,70        |
|                    | 102-0687 | LED-16/32W / 700 mA - 2700K  | 3099.6       | 35 W              | 80  | 4,70        |
|                    | 102-0688 | LED-16/32W / 700 mA - 3000K  | 3329.2       | 35 W              | 80  | 4,70        |
|                    | 102-0689 | LED-16/32W / 700 mA - 4000K  | 3558.8       | 35 W              | 80  | 4,70        |
|                    | 102-0734 | LED-8/24W / 1050 mA - 2200K  | 2292.2       | 27.5 W            | 70  | 4,70        |
|                    | 102-0735 | LED-8/24W / 1050 mA - 2700K  | 2292.2       | 27.5 W            | 80  | 4,70        |
|                    | 102-0736 | LED-8/24W / 1050 mA - 3000K  | 2475.6       | 27.5 W            | 80  | 4,70        |
|                    | 102-0737 | LED-8/24W / 1050 mA - 4000K  | 2628.4       | 27.5 W            | 80  | 4,70        |
|                    | 102-0782 | LED-16/48W / 1050 mA - 2200K | 4305         | 54 W              | 70  | 4,70        |
|                    | 102-0783 | LED-16/48W / 1050 mA - 2700K | 4305         | 54 W              | 80  | 4,70        |
|                    | 102-0784 | LED-16/48W / 1050 mA - 3000K | 4649.4       | 54 W              | 80  | 4,70        |
|                    | 102-0785 | LED-16/48W / 1050 mA - 4000K | 4936.4       | 54 W              | 80  | 4,70        |

**Pole mounted**

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**Control****Eco Step Dim® Advanced**

| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

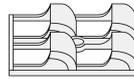
**R2C Ready to Connect**

| Description                          | Part ID  |
|--------------------------------------|----------|
| R2C Ready to Connect (top)           | 430-0019 |
| R2C Ready to Connect (below)         | 430-0027 |
| R2C Ready to Connect (top and below) | 430-0032 |

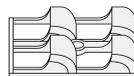
### Optical Accessories

#### Backlight shield

| Description            | Part ID       | Additional information   |
|------------------------|---------------|--|
| Backlight shield LS180 | 102-0959-8LED | Glare Shield for backlight spill. Suitable for AFL110 8 LED [S65] [R60] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |



|                        |                |   |
|------------------------|----------------|---|
| Backlight shield LS180 | 102-0959-16LED | Glare Shield for backlight spill. Suitable for AFL110 16 LED [S65] [R60] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |
|------------------------|----------------|---|

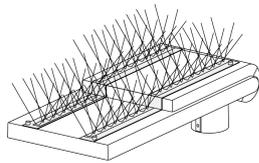


**Mounting Accessories****Bird deterrent**

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| Description       | Part ID  |
|-------------------|----------|
| Bird deterrent BD | 430-0015 |

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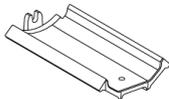
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**Adaptor**

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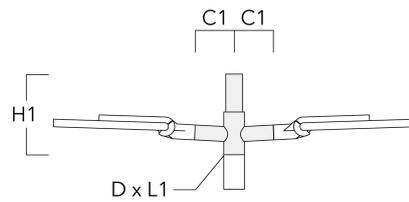
| Description    | Part ID  |
|----------------|----------|
| Adaptor AFL100 | 102-0392 |

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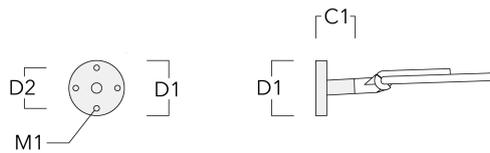


**Wall and pole brackets RE**

| Description                  | Part ID  | Additional information | C1  | D1 | D2 | D × L1   | H1  | M1 | Weight (kg) |
|------------------------------|----------|------------------------|-----|----|----|----------|-----|----|-------------|
| RE2-540 Pole bracket, double | 111-0043 |                        | 200 |    |    | 76 x 130 | 550 |    | 5.30        |

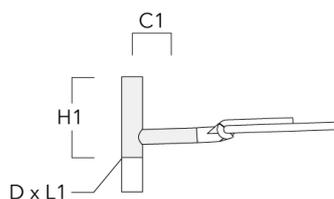


|                      |          |  |     |     |     |  |  |    |      |
|----------------------|----------|--|-----|-----|-----|--|--|----|------|
| RE0-540 Wall bracket | 111-0084 |  | 180 | 230 | 195 |  |  | 12 | 3.20 |
|----------------------|----------|--|-----|-----|-----|--|--|----|------|

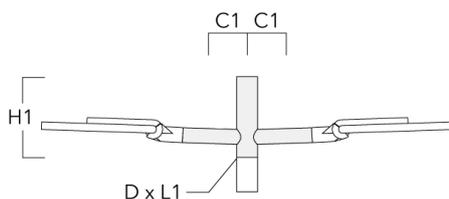


## Pole mounted

| Description  | Part ID  | Additional information   | C1  | D1 | D2 | D × L1  | H1  | M1 | Weight (kg) |
|--|----------|--|-----|----|----|---------|-----|----|-------------|
| Pole bracket RE1, single for mounting on AML-A poles | 111-9022 | Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. | 320 |    |    | 76 x 76 | 550 |    | 6.10        |

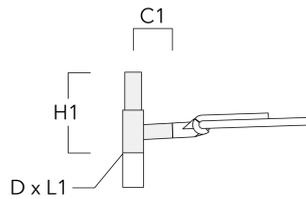


|  |          |  |     |  |  |         |     |  |      |
|--|----------|--|-----|--|--|---------|-----|--|------|
| Pole bracket RE2, double for mounting on AML-A poles | 111-9023 | Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. | 320 |  |  | 76 x 76 | 550 |  | 7.20 |
|--|----------|--|-----|--|--|---------|-----|--|------|



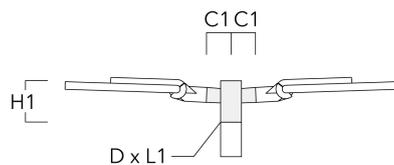
**Pole mounted**

| Description                  | Part ID  | Additional information | C1  | D1 | D2 | D × L1   | H1  | M1 | Weight (kg) |
|------------------------------|----------|------------------------|-----|----|----|----------|-----|----|-------------|
| RE1-540 Pole bracket, single | 111-0042 |                        | 200 |    |    | 76 x 130 | 500 |    | 4.60        |



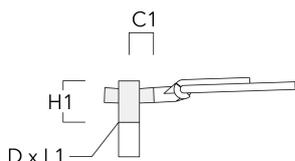
**Pole brackets RF**

| Description                  | Part ID  | C1  | D × L1  | H1  | Weight (kg) |
|------------------------------|----------|-----|---------|-----|-------------|
| RF2-540 Pole bracket, double | 111-0047 | 200 | 76 x 80 | 200 | 3.30        |



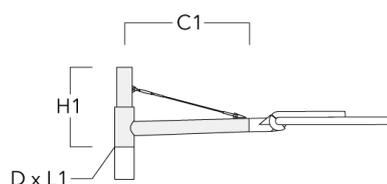
## Pole mounted

| Description                  | Part ID  | C1  | D × L1  | H1  | Weight (kg) |
|------------------------------|----------|-----|---------|-----|-------------|
| RF1-540 Pole bracket, single | 111-0046 | 200 | 76 x 80 | 200 | 2.60        |



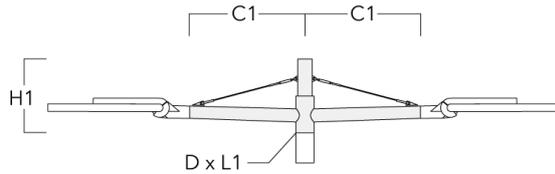
## Wall and pole brackets RX

| Description                  | Part ID  | C1   | D1 | D2 | D × L1   | H1  | H2 | M1 | M2 | Weight (kg) |
|------------------------------|----------|------|----|----|----------|-----|----|----|----|-------------|
| RX1-540 Pole bracket, single | 111-0054 | 1000 |    |    | 76 x 130 | 550 |    |    |    | 6.8         |



## Pole mounted

| Description                  | Part ID  | C1   | D1 | D2 | D x L1   | H1  | H2 | M1 | M2 | Weight (kg) |
|------------------------------|----------|------|----|----|----------|-----|----|----|----|-------------|
| RX2-540 Pole bracket, double | 111-0055 | 1000 |    |    | 76 x 130 | 550 |    |    |    | 9.70        |



|                      |          |      |     |     |  |     |     |    |    |      |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|
| RX0-540 Wall bracket | 111-0086 | 1000 | 140 | 100 |  | 450 | 385 | 30 | 12 | 5.20 |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|

