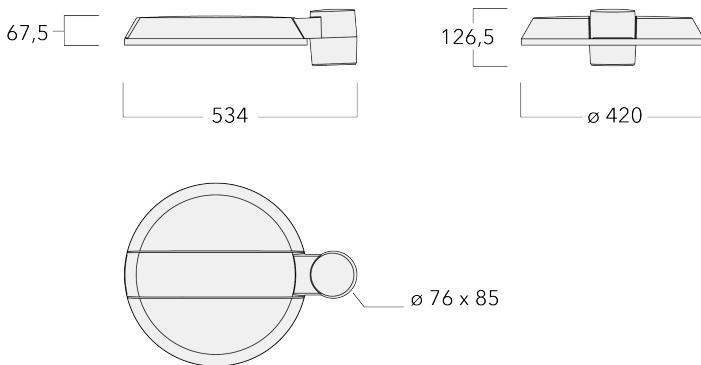




### Description

The RFL110 features an elegant round shape, designed with the future in mind, offering a full suite of connectivity options. Post top installation on poles, seamlessly blending into urban landscapes by day and night. Constructed from marine-grade, die-cast aluminium alloy, with an IP66 rating, 5CE superior corrosion protection including PCS hardware and CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter, class I or class II. OLC® One LED Concept CAD-optimised optics and non-reflective flat safety glass cover, hinged, provide superior illumination and glare control. The luminaire is factory-sealed and does not need to be opened during installation. RFL110 post top variant with spigot size Ø 76 x 100 mm. Ø 60 x 100 mm with corresponding reducer available as an option. Must be indicated during order placement. RFL110-SE only with spigot size Ø 42 x 100 mm. 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 [S65] [S70] [P65] [R60] [A60] with Backlight Shield on request.

Specifications

Material description

|                      |                                                       |                                                         |                                                        |                                                         |
|----------------------|-------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                |                                                         |                                                        |                                                         |
| Lens                 | Non-reflective safety glass lens                      |                                                         |                                                        |                                                         |
| Colours              | <div><div>RAL9004</div><div>Signal black</div></div>  | <div><div>RAL9006</div><div>White aluminium</div></div> | <div><div>RAL9007</div><div>Grey aluminium</div></div> | <div><div>RAL7016</div><div>Anthracite grey</div></div> |
|                      | <div><div>RAL9016</div><div>Traffic white</div></div> |                                                         |                                                        |                                                         |
| Gasket               | CCG® Controlled Compression Gasket                    |                                                         |                                                        |                                                         |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware           |                                                         |                                                        |                                                         |
| Ingress protection   | IP66                                                  |                                                         |                                                        |                                                         |
| Impact resistance    | IK08                                                  |                                                         |                                                        |                                                         |
| Corrosion resistance | 5CE                                                   |                                                         |                                                        |                                                         |

Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 220-240V / 50-60 Hz              |
| Driver / Ballast | Non-reflective safety glass lens |
| Power factor     | > 0.9                            |

Additional information

|          |                    |
|----------|--------------------|
| Lifetime | C-D (Light source) |
|----------|--------------------|

Options

| Light distribution                                                                                               | Colour temperature                                                                      | Nominal Watt |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|
|  [A60] asymmetric, forward throw |  2200K | 8 W          |
|  [S65] asymmetric, side throw    | TA                                                                                      |              |
|  [S70] asymmetric, side throw    |  PCA   |              |
|  [R60] rectangular, side throw   |                                                                                         |              |
|  [P65] pedestrian/bicycle lane   |                                                                                         |              |

## Configurations

| Light distribution                                                                                                      | Part ID  | Light source               | Rated lumens | Rated input power | CRI |
|-------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|--------------|-------------------|-----|
|  <p>[A60] asymmetric, forward throw</p> | 111-2083 | LED-8/8W/2200K-8/16W/3000K | 2919.4 lm    | 8 W               |     |
|                                                                                                                         | 111-2085 | LED-8/8W/PCA-8/16W/3000K   | 2684.5 lm    | 8 W               |     |
|                                                                                                                         | 111-2084 | LED-8/8W/TA-8/16W/2200K    | 2080.5 lm    | 8 W               |     |
|  <p>[P65] pedestrian/bicycle lane</p>   | 111-2101 | LED-8/8W/2200K-8/16W/3000K | 3094.1 lm    | 8 W               |     |
|                                                                                                                         | 111-2103 | LED-8/8W/PCA-8/16W/3000K   | 2845.2 lm    | 8 W               |     |
|                                                                                                                         | 111-2102 | LED-8/8W/TA-8/16W/2200K    | 2205 lm      | 8 W               |     |
|  <p>[R60] rectangular, side throw</p>   | 111-2092 | LED-8/8W/2200K-8/16W/3000K | 2996.6 lm    | 8 W               |     |
|                                                                                                                         | 111-2094 | LED-8/8W/PCA-8/16W/3000K   | 2755.5 lm    | 8 W               |     |
|                                                                                                                         | 111-2093 | LED-8/8W/TA-8/16W/2200K    | 2135.5 lm    | 8 W               |     |
|  <p>[S65] asymmetric, side throw</p>  | 111-2086 | LED-8/8W/2200K-8/16W/3000K | 3206 lm      | 8 W               |     |
|                                                                                                                         | 111-2088 | LED-8/8W/PCA-8/16W/3000K   | 2948 lm      | 8 W               |     |
|                                                                                                                         | 111-2087 | LED-8/8W/TA-8/16W/2200K    | 2284.7 lm    | 8 W               |     |
|  <p>[S70] asymmetric, side throw</p>  | 111-2089 | LED-8/8W/2200K-8/16W/3000K | 3161.2 lm    | 8 W               |     |
|                                                                                                                         | 111-2091 | LED-8/8W/PCA-8/16W/3000K   | 2906.9 lm    | 8 W               |     |
|                                                                                                                         | 111-2090 | LED-8/8W/TA-8/16W/2200K    | 2252.8 lm    | 8 W               |     |