

PR Basic



Applications

Product Highlights

- Ideal for building facades, parks, gardens, monuments, outdoor advertising Boards.
- Stainless steel parts and components that pass 500-hours salt test and hence applicable harsh outdoor environment.
- Dimming and wireless control available.
- A+ Energy Efficiency class with efficiency of 100lm/W.
- Useful lifetime L70>50 000h.
- No UV Light emission.
- No Mercury.
- Available in Cool, Neutral & Warm White Color Temperatures.

Main Technical Data

Luminous Flux Table

| Size & Wattage | Luminous flux (lm) | | |
|----------------|--------------------|---------------|------------|
| | Cool White | Neutral White | Warm White |
| PR Basic 30 W | 3,000 | 3,000 | 2,850 |
| PR0307XX | | | |
| PR Basic 50 W | 5,000 | 5,000 | 4,750 |
| PR0507XX | | | |
| PR Basic 100 W | 10,000 | 10,000 | 9,500 |
| PR1007XX | | | |
| PR Basic 150 W | 15,000 | 15,000 | 14,250 |
| PR1507XX | | | |
| PR Basic 200 W | 20,000 | 20,000 | 19,000 |
| PR2007XX | | | |

| Model Name | PR Basic | | | | |
|---------------------------------|--|--------------|---------------|---------------|---------------|
| | PR Basic 30W | PR Basic 50W | PR Basic 100W | PR Basic 150W | PR Basic 200W |
| Operating Voltage | 230V AC, 50Hz | | | | |
| Energy Class | A+ | | | | |
| Input current | 0,14A/0,23A//0,48A/0,69A/0,92A | | | | |
| Overall consumption | 30W/50W/100W/150W/200W ^{±1} | | | | |
| Operating temperature | - 30°C to +50°C (Relative Humidity < 85%) | | | | |
| Color Rendering Index | Ra > 70 | | | | |
| Power Factor | > 0.95 | | | | |
| Flicker | < 5% | | | | |
| Standard Compliance | EN 60598, EN 55015, EN 61547, EN 61000, etc. | | | | |
| Color temperature CCT | Cool White 5700K - Neutral White 4000K - Warm white 2700K | | | | |
| Body | Stainless steel body, pure aluminum radiator, black or silver colors available | | | | |
| Diffuser | Reinforced glass cover | | | | |
| LED and optical assembly | Modular high power LED arrays, 100° beam angle | | | | |
| Useful Lifetime | L70 > 50,000h | | | | |
| Ingress Protection | IP65 | | | | |
| Warranty | According to standard Octa Light warranty conditions | | | | |

1. Please refer to Table #1 for more information.
Octa Light maintains accuracy on all measurements within ±7%

Product Selection

1 – Available Sizes, Wattage & Color Temps

| Product Code | Consumption Watts PPP | CRI | CCT CC |
|----------------------|--------------------------------------|-------------------|--|
| PR : PR Series | 030W 050W 100W 150W 200W | 7 : Ra ≥ 70 | 57 : 5700K 40 : 4000K 30 : 2700K |

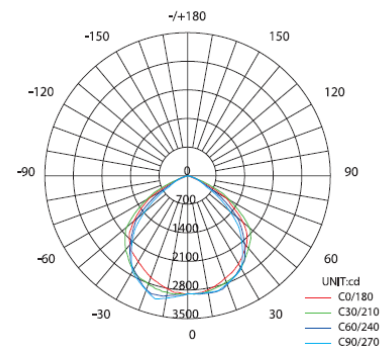
Examples of specific product selection:

Coding: PR030757
Type: PR Basic Series, 30W, Ra ≥ 70, 5700 Color Temperature

Coding: PR150740
Type: PR Basic Series, 150W, Ra ≥ 70, 4000 Color Temperature

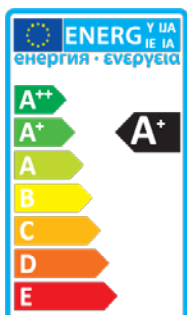
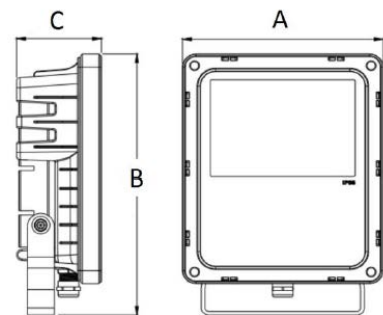
PR **PPP** **7CC**
Product Wattage CRI & CCT
Code See Table 1 See Table 1

2 – Light Distribution Curve



3 – Mechanical Dimensions

| Luminaire type | Mechanical dimensions | | | Gross Weight /kg/ |
|----------------|-----------------------|-------|-------|----------------------|
| | A(mm) | B(mm) | C(mm) | |
| PR0307XX | 178 | 215 | 81 | 1.15 |
| PR0507XX | 194 | 253 | 95 | 1.70 |
| PR1007XX | 250 | 341 | 116 | 5.90 |
| PR1507XX | 310 | 375 | 187 | 7.80 |
| PR2007XX | 340 | 395 | 187 | 9.35 |



Disclaimer

Octa Light Bulgaria reserves the right to make changes in specifications without notice. Always make sure to use most recent release.

Company Information

Octa Light Bulgaria is a fully vertically integrated manufacturer of LED packages, modules, lamps and luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer entirely based in the EU. The company LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs and innovative AC LED modules, as well as special applications LEDs. We constantly are growing our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light Bulgaria offers also complete lighting solutions accomplishing a variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing (CEM) for key industries.

