

Ren

**Discreetly proportioned,
deceptively powerful**





Go beyond the ordinary

Discretely proportioned, yet deceptively powerful, Ren offers functional lighting for wayfinding alongside comfortable, ambient lighting for enhanced vertical illumination.

Defined by clean lines and performance, Ren comes in two widths and an array of heights to suit your application.

Key advantages

- Unique optical system
- Performance and Performance Plus distributions, for improved facial recognition
- 2700K / 3000K / 4000K
- Red Dot Design Award Winner 2019

Applications

-  Retail and commercial
-  Housing developments



reddot award 2019 winner

Two widths

90mm

160mm

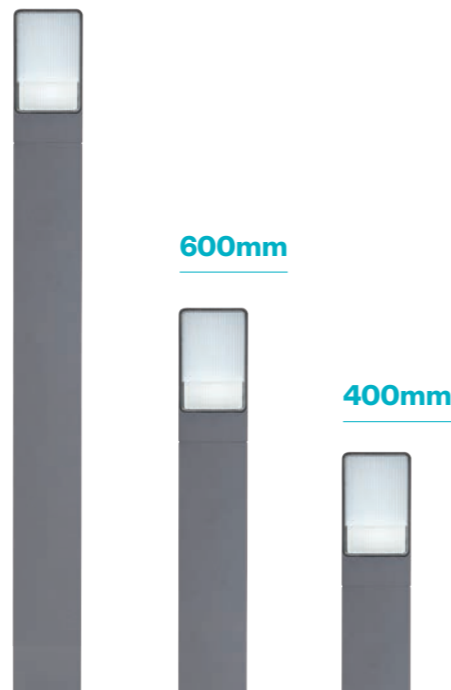


Three heights

1000mm

600mm

400mm

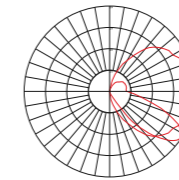
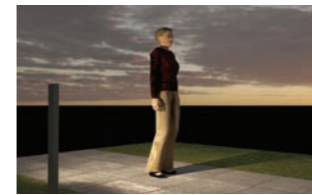


Design features

Despite its compact dimensions, Ren offers impressive performance with the ability to achieve P5 lighting classes at a 5m spacing (on a 2m wide pathway). Choose from Performance and Performance Plus lighting distributions:

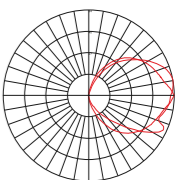
Performance

Functional illumination and waymarking.
Total luminaire lumens: 160lm



Performance Plus

Functional illumination and waymarking.
Improved volumetric vertical illumination for facial recognition and increased ambient lighting.
Total luminaire lumens: 525lm



Reeded diffusing glass

Improves lateral distribution



High quality sustainable design

High pressure die-cast body

Discrete fixing

Ren

IP66 | IK09 | CLASS I | CLASS II

Features

- A sleek and sophisticated range of bollards and waymarkers
- Available in 2 widths and 3 heights
- Performance and Performance Plus lighting distributions
- Wide spacings achievable
- Red Dot Design Award Winner 2019

Options

- Two widths: Ren 90 or Ren 160
- Three heights: 400mm, 600mm or 1000mm

Optical control

- Performance
- Performance Plus

Light source

- Performance: High power
- Performance Plus: High and mid power hybrid

Lifetime prediction

- Performance: L90 - in excess of 100,000 hours
- Performance Plus: L80 - in excess of 100,000 hours

Total luminaire lumens

- Performance: 160lm
- Performance Plus: 525lm

Colour temperature

2700K / 3000K / 4000K

Colour rendering index

80Ra

Mounting

- Root mounted
- Flange mounted
- Bolt on root

Materials

- Bollard base: Extruded aluminium
- Head: Die-cast aluminium
- Glazing: Reeded toughened glass
- Reflector: Optical grade polycarbonate
- Seals: Silicone

Finish

Textured polyester powder coat

Colours

- RAL 9016 White
- RAL 9005 Black
- RAL 9006 Aluminium
- RAL 9007 Metallic grey
- DB 703 Metallic dark grey
- Corten brown
- Other RAL colours on request

Installation and maintenance

For dimension drawings and weights, visit: dwwindsor.com/ren

Ordering details

| | Code | Example |
|---|------|---------|
| Family | | |
| Ren | RE | RE |
| Width | | |
| 90mm | 90 | 90 |
| 160mm | 16 | |
| Height | | |
| 1000mm | 10 | 10 |
| 600mm | 06 | |
| 400mm | 04 | |
| Distribution | | |
| Performance | PE | PP |
| Performance Plus | PP | |
| Colour Temperature | | |
| 2700K | 27 | 27 |
| 3000K | 30 | |
| 4000K | 40 | |
| Colour | | |
| RAL 9016 White | 40 | DB |
| RAL 9005 Black | 10 | |
| RAL 9006 Aluminium | 26 | |
| RAL 9007 Metallic grey | 27 | |
| DB 703 Metallic dark grey | DB | |
| Corten brown | CB | |
| Mounting | | |
| Root mounted | R | R |
| Flange mounted | F | |
| Example code = RE 90 10 PP 27 DB R | | |

DW Windsor

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