

# Concord

## Raiden IP66 8KLM 865 Symmetric Wide 2824116



### Features

- Outdoor and indoor floodlight range with in house design, comes complete with 1m flying lead and adjustable bracket, aluminium housing, RAL 9022 - Pearl light grey, clear glass diffuser, IP66, IK08, Class I, 6500K, Non-dimming, 9100lm, 67W, 136lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L80B50 lifespan, 327x270x74mm (LxWxH) dimensions, 4.2kg weight.

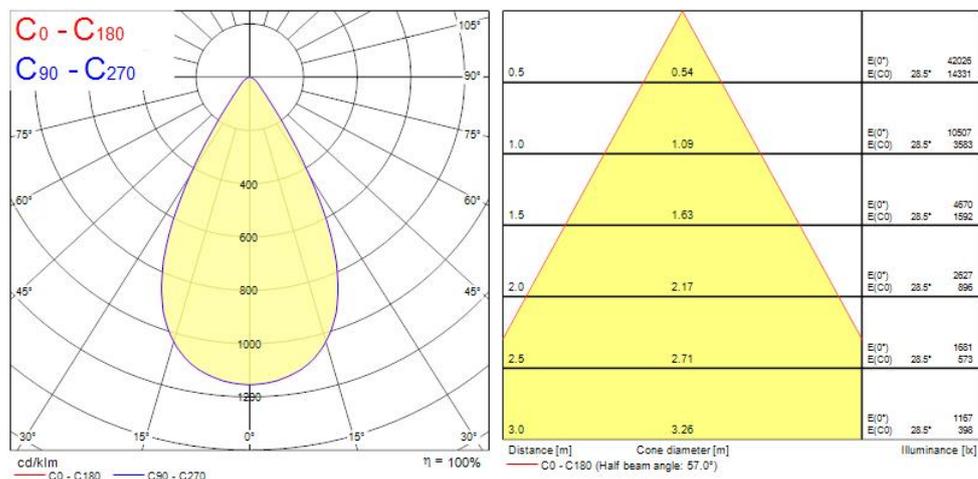
### Product Overview

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product name                    | Raiden IP66 8KLM 865 Symmetric Wide |
| Technology                      | LED                                 |
| Cap/Base                        | N/A                                 |
| Housing                         | Aluminium                           |
| General application             | Logistics & Industry                |
| ETIM Class                      | EC001744                            |
| Fixture luminous flux (lm)      | 9100                                |
| Luminaire efficacy (lm/W)       | 136                                 |
| Colour temperature (K)          | 6500                                |
| Light colour                    | Cool White                          |
| CRI (Ra)                        | 80                                  |
| Colour Variation Initial (SDCM) | 3                                   |
| Beam Angle (°)                  | 60                                  |
| Photobiological Risk Group      | RG1                                 |
| Total power consumption (W)     | 67                                  |
| Electrical protection           | Class I                             |
| Dimmable                        | No                                  |
| Housing colour                  | RAL 9022 - Pearl light grey         |
| IP rating                       | IP66                                |
| IK rating                       | IK08                                |
| Product EAN number              | 5025768241163                       |
| Warranty                        | 5 years                             |

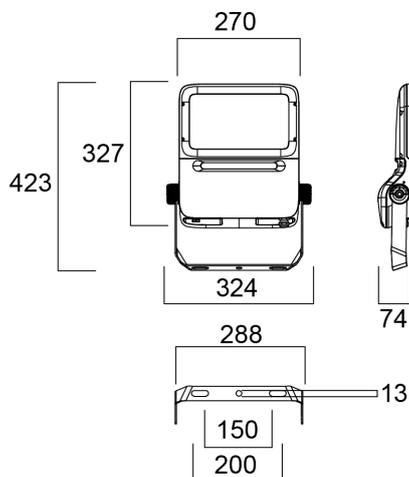
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## Raiden IP66 8KLM 865 Symmetric Wide 2824116

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name

Raiden IP66 8KLM 865 Symmetric Wide

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|   |                      |
|---|----------------------|
| Technology                              | LED                  |
| Cap/Base                                | N/A                  |
| Housing                                 | Aluminium            |
| General application                     | Logistics & Industry |
| Operating temperature range (°C)        | -40°C - 50°C         |
| Performance ambient temperature Tq (°C) | 25                   |
| ETIM Class                              | EC001744             |
| Warranty                                | 5 years              |

### OPTICAL DATA

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 9100       |
| Luminaire efficacy (lm/W)       | 136        |
| Colour temperature (K)          | 6500       |
| Light colour                    | Cool White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Beam Angle (°)                  | 60         |
| Photobiological Risk Group      | RG1        |

### ELECTRICAL DATA

|                                   |           |
|-----------------------------------|-----------|
| Total power consumption (W)       | 67        |
| Mains voltage (V)                 | 220-240V~ |
| Lamp power factor                 | 0.95      |
| Electrical protection             | Class I   |
| Control gear required             | No        |
| Transformer required              | No        |
| Dimmable                          | No        |
| Drive current (mA)                | 1280      |
| Inrush Current (A)                | 45        |
| Inrush Duration (µs)              | 200       |
| Glow Wire Test (°C)               | 850       |
| Nominal Frequency (Hz)            | 50/60Hz   |
| Max. Luminaires per 10A C Breaker | 15        |

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|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 13A C Breaker | 19 |
| Max. Luminaires per 16A C Breaker | 24 |
| Max. Luminaires per 20A C Breaker | 30 |
| Max. Luminaires per 10A B Breaker | 9  |
| Max. Luminaires per 13A B Breaker | 11 |
| Max. Luminaires per 16A B Breaker | 14 |
| Max. Luminaires per 20A B Breaker | 18 |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |

### PHYSICAL DATA

|                               |                             |
|-------------------------------|-----------------------------|
| Housing colour                | RAL 9022 - Pearl light grey |
| IP rating                     | IP66                        |
| IK rating                     | IK08                        |
| Nominal Product Length (mm)   | 327                         |
| Nominal Product Width (mm)    | 270                         |
| Nominal Product Height (mm)   | 74                          |
| Nominal Product Diameter (mm) | Not applicable              |
| Weight (kg)                   | 4.2                         |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768241163  |
| Packaging single length / height (cm) | 39.5           |
| Packaging single width (cm)           | 36.5           |
| Packaging single depth (cm)           | 14.5           |
| DUN14 (outer)                         | 05025768241163 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 39.5           |
| Packaging outer width (cm)            | 36.5           |
| Packaging outer depth (cm)            | 14.5           |

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## SAFETY DATA

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|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -40-50 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |