

Concord

Raiden IP66 50KLM 840 Symmetric Narrow DALI 2824109



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, 4000K, DALI dimmable, 49500lm, 375W, 132lm/W, CRI80, Symmetric Narrow beam angle 25°, 100000 hrs L80B50 lifespan, 561x569x76mm (LxWxH) dimensions, 14.5kg weight.

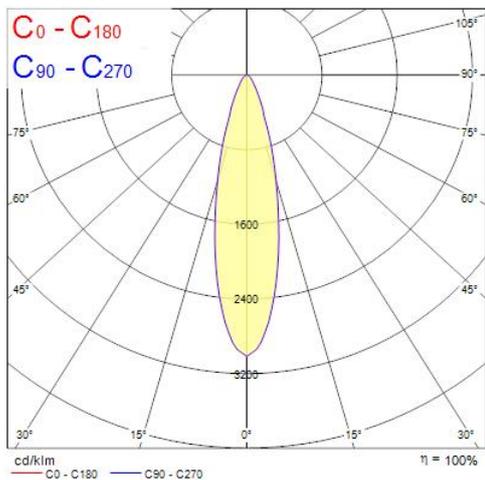
Product Overview

| | |
|---------------------------------|---|
| Product name | Raiden IP66 50KLM 840 Symmetric Narrow DALI |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| General application | Logistics & Industry |
| ETIM Class | EC001744 |
| Fixture luminous flux (lm) | 49500 |
| Luminaire efficacy (lm/W) | 132 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 25 |
| Photobiological Risk Group | RG2 |
| Total power consumption (W) | 375 |
| Electrical protection | Class I |
| Dimmable | Yes |
| Housing colour | RAL 9022 - Pearl light grey |
| IP rating | IP66 |
| IK rating | IK08 |
| Product EAN number | 5025768241095 |
| Warranty | 5 years |

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Photometry

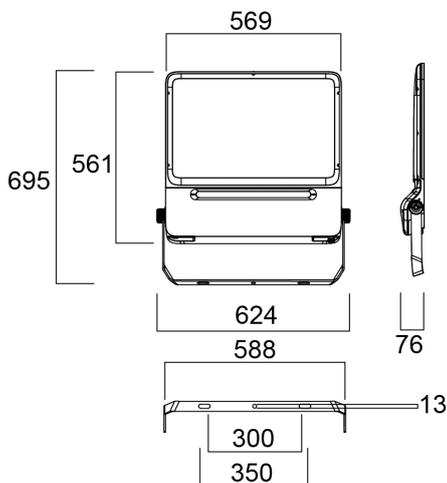


| | | | |
|-----|------|----------------|------------------|
| 0.5 | 0.23 | E(0°) E(C0) | 597014 277737 |
| 1.0 | 0.45 | E(0°) E(C0) | 149253 69434 |
| 1.5 | 0.68 | E(0°) E(C0) | 66335 30860 |
| 2.0 | 0.91 | E(0°) E(C0) | 37313 17389 |
| 2.5 | 1.14 | E(0°) E(C0) | 23881 11109 |
| 3.0 | 1.36 | E(0°) E(C0) | 16554 7715 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 25.6°)

Technical drawings



Data table

GENERAL DATA

Product name

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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) | 49500 |
| Luminaire efficacy (lm/W) | 132 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 25 |
| Photobiological Risk Group | RG2 |

ELECTRICAL DATA

| | |
|-----------------------------------|-----------|
| Total power consumption (W) | 375 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.95 |
| Electrical protection | Class I |
| Control gear required | No |
| Transformer required | No |
| Dimmable | Yes |
| Drive current (mA) | 7600 |
| Inrush Current (A) | 110 |
| Inrush Duration (µs) | 350 |
| Glow Wire Test (°C) | 850 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 3 |

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| | |
|-----------------------------------|---|
| Max. Luminaires per 13A C Breaker | 3 |
| Max. Luminaires per 16A C Breaker | 5 |
| Max. Luminaires per 20A C Breaker | 6 |
| Max. Luminaires per 10A B Breaker | 2 |
| Max. Luminaires per 13A B Breaker | 2 |
| Max. Luminaires per 16A B Breaker | 3 |
| Max. Luminaires per 20A B Breaker | 4 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 81000 |

PHYSICAL DATA

| | |
|-------------------------------|-----------------------------|
| Housing colour | RAL 9022 - Pearl light grey |
| IP rating | IP66 |
| IK rating | IK08 |
| Nominal Product Length (mm) | 561 |
| Nominal Product Width (mm) | 569 |
| Nominal Product Height (mm) | 76 |
| Nominal Product Diameter (mm) | Not applicable |
| Weight (kg) | 14.5 |

PACKAGING

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768241095 |
| Packaging single length / height (cm) | 63.0 |
| Packaging single width (cm) | 63.0 |
| Packaging single depth (cm) | 14.0 |
| DUN14 (outer) | 05025768241095 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 63.0 |
| Packaging outer width (cm) | 63.0 |
| Packaging outer depth (cm) | 14.0 |

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SAFETY DATA

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