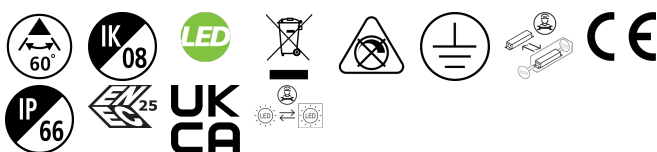


Kalani Symmetric Kalani IP66 6KLM 840 WB 0048534



Product features

- Exterior LED Floodlight, comes complete with 1500mm flying lead and adjustable bracket, aluminium housing, clear glass diffuser, IP66, IK08, Class I, 4000K, Non-dimming, 6700lm, 50W, 134lm/W, CRI80, Symmetrical Wide beam angle (60°), 100000 hrs L80B20 lifespan, 314 x 240 x 63mm (LxWxD) dimensions, 2.5kg weight.



PRODUCT OVERVIEW

| | |
|---------------------------------|-------------------------|
| Product name | Kalani IP66 6KLM 840 WB |
| Technology | LED |
| General application | Logistics & Industry |
| ETIM Class | EC001744 |
| E-number FI | 4579565 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 6700 |
| Luminaire efficacy (lm/W) | 134 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 60 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 50 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| IP rating | IP66 |
| IK rating | IK08 |
| Product EAN number | 5410288485348 |

DATA TABLE

General data

| | |
|---|-------------------------|
| Product name | Kalani IP66 6KLM 840 WB |
| Technology | LED |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -30°C...+50°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001744 |
| E-number FI | 4579565 |

Kalani Symmetric

Kalani IP66 6KLM 840 WB
0048534

Warranty 5 years

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 6700 |
| Luminaire efficacy (lm/W) | 134 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 60 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|----------|
| Total power consumption (W) | 50 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.95 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 950 |
| Inrush Current (A) | 40 |
| Inrush Duration (µs) | 450 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 6 |
| Max. Luminaires per 13A C Breaker | 9 |
| Max. Luminaires per 16A C Breaker | 11 |
| Max. Luminaires per 20A C Breaker | 15 |
| Max. Luminaires per 10A B Breaker | 4 |
| Max. Luminaires per 13A B Breaker | 5 |
| Max. Luminaires per 16A B Breaker | 6 |
| Max. Luminaires per 20A B Breaker | 8 |
| Mains surge immunity (differential mode - > L-N) (kV) | 6 |
| Mains surge immunity (common mode -> L/N - GND) (kV) | 10 |

Lifetime data

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

Physical data

| | |
|-----------------------------|------|
| IP rating | IP66 |
| IK rating | IK08 |
| Nominal Product Length (mm) | 314 |
| Nominal Product Width (mm) | 240 |
| Nominal Product Height (mm) | 63 |
| Weight (kg) | 2.5 |

Kalani Symmetric Kalani IP66 6KLM 840 WB 0048534

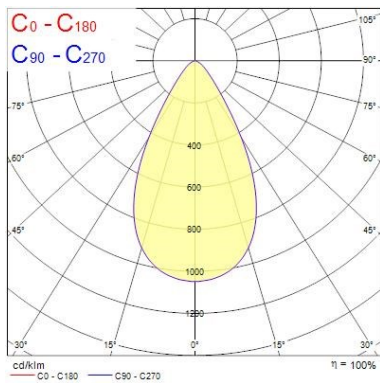
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288485348 |
| Packaging single length / height (cm) | 37.0 |
| Packaging single width (cm) | 11.0 |
| Packaging single depth (cm) | 28.0 |
| DUN14 (outer) | 05410288485348 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 37.0 |
| Packaging outer width (cm) | 11.0 |
| Packaging outer depth (cm) | 28.0 |

Safety data

| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -30-50 |
|----------------------------------|--------|

PHOTOMETRY



| Distance [m] | Cone diameter [m] | E ₀ [lx] | E ₁ [lx] | E ₂ [lx] |
|--------------|-------------------|---------------------|---------------------|---------------------|
| 0.5 | 0.55 | 2006 | 28.7° | 9629 |
| 1.0 | 1.09 | 702 | 28.7° | 2382 |
| 1.5 | 1.64 | 312 | 28.7° | 1059 |
| 2.0 | 2.19 | 176 | 28.7° | 596 |
| 2.5 | 2.74 | 112 | 28.7° | 351 |
| 3.0 | 3.28 | 70 | 28.7° | 205 |

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 57.4°)

TECHNICAL DRAWINGS

