



Features

- Exterior LED Floodlight, comes complete with 1000mm flying lead and adjustable bracket, aluminium housing, clear glass diffuser, integrated anti-condensation valve, IP66, IK08, Class I, 4000K, CRI80, Non-dimmable, 29000lm, 198W, 146lm/W, Asymmetrical Wide beam, 100.000hrs L80B50 lifespan, 451 x 345 x 75mm (LxWxD) dimensions, 5.4kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

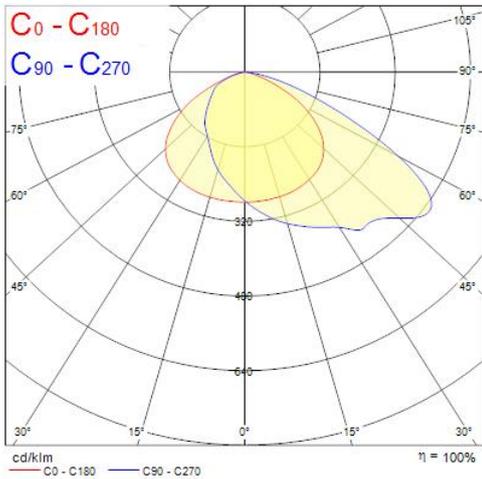
Product Overview

| | |
|-----------------------------------|-----------------------------|
| Product name | Kalani IP66 28KLM 840 ASYM |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Other |
| General application | Logistics & Industry |
| ETIM Class | EC001744 |
| E-number FI | 4579622 |
| Fixture luminous flux (lm) | 29000 |
| Luminaire efficacy (lm/W) | 146 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 65x120 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 198 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |

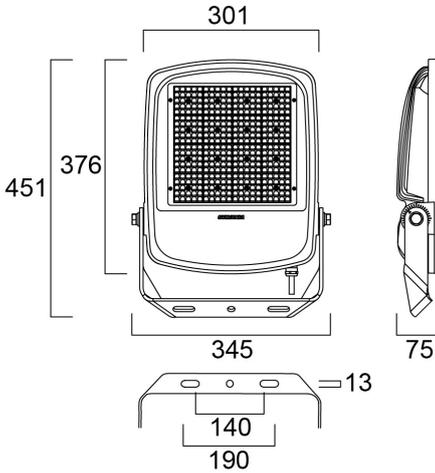
Kalani IP66 28KLM 840 ASYM 0056717

| | |
|---------------------|----------------|
| Dimmable | No |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour | RAL9017 |
| IP rating | IP66 |
| IK rating | IK08 |
| Product EAN number | 5410288567174 |
| Warranty | 5 years |
| Dimming method | N/A |

Photometry



Technical drawings



Data table

GENERAL DATA

| | |
|----------------------------------|----------------------------|
| Product name | Kalani IP66 28KLM 840 ASYM |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Other |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -30°C...+50°C |
| ETIM Class | EC001744 |
| E-number FI | 4579622 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 29000 |
| Luminaire efficacy (lm/W) | 146 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |

Kalani IP66 28KLM 840 ASYM 0056717

| | |
|---------------------------------|------------|
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 65x120 |
| Distribution type | Asymmetric |
| Photobiological Risk Group | RG1 |

ELECTRICAL DATA

| | |
|--|-----------------------------|
| Total power consumption (W) | 198 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 840 |
| Inrush Current (A) | 80 |
| Inrush Duration (µs) | 350 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Low (6% - 20%) |
| Max. products per 10A C Breaker | 6 |
| Max. products per 13A C Breaker | 8 |
| Max. products per 16A C Breaker | 10 |
| Max. products per 20A C Breaker | 12 |
| Max. products per 10A B Breaker | 5 |
| Max. products per 13A B Breaker | 7 |
| Max. products per 16A B Breaker | 8 |
| Max. products per 20A B Breaker | 10 |
| Mains surge immunity (differential mode -> L-N) (kV) | 10 |

Kalani IP66 28KLM 840 ASYM 0056717

| | |
|--|----|
| Mains surge immunity (common mode -> L/N - GND) (kV) | 10 |
| Connectable conductor cross section - Min (mm ²) | 1 |
| Connectable conductor cross section - Max (mm ²) | 1 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L80 B20 | 89000 |

PHYSICAL DATA

| | |
|-----------------------------|-------------|
| Housing colour | RAL9017 |
| IP rating | IP66 |
| IK rating | IK08 |
| Diffuser finish | Transparent |
| Diffuser material | Glass |
| Reflector finish | Matt |
| Nominal Product Length (mm) | 451 |
| Nominal Product Width (mm) | 345 |
| Nominal Product Height (mm) | 75 |
| Weight (kg) | 5.4 |

PACKAGING

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288567174 |
| Packaging single length / height (cm) | 50.5 |
| Packaging single width (cm) | 38.0 |
| Packaging single depth (cm) | 14.0 |
| DUN14 (inner) | 05410288567174 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 50.5 |
| Packaging outer width (cm) | 38.0 |
| Packaging outer depth (cm) | 14.0 |

SAFETY DATA

| | |
|--|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -30-50 |
| Special purpose lamp | No |
| Dry applications use only | No |
| Suitable for household illumination | No |