



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, DALI dimmable, 37800lm, 238W, 159lm/W, Symmetrical Wide beam, 100.000hrs L80B50 lifespan, 532 x 407 x 97mm (LxWxD) dimensions, 7.8kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

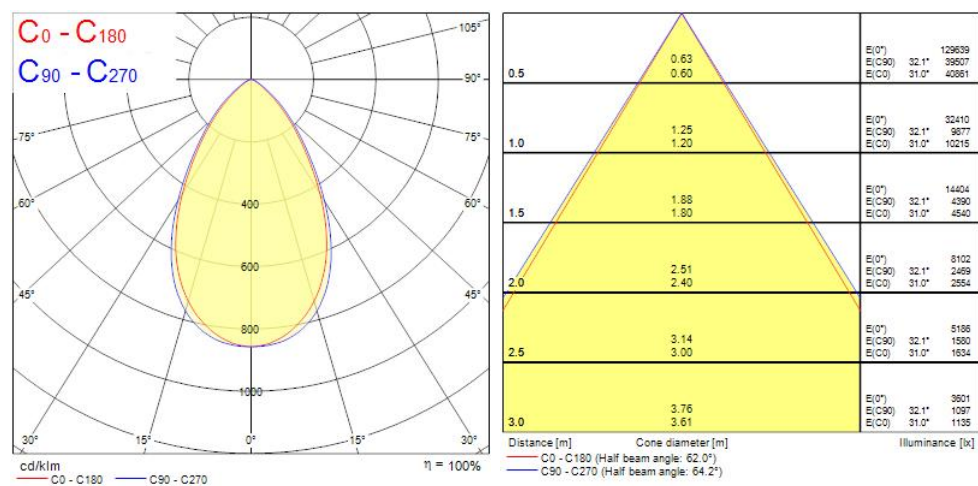
Product Overview

|                                   |                               |
|-----------------------------------|-------------------------------|
| Product name                      | Kalani IP66 36KLM 840 WB DALI |
| Technology                        | LED                           |
| Cap/Base                          | N/A                           |
| Housing                           | Aluminium                     |
| Mount                             | Other                         |
| General application               | Logistics & Industry          |
| ETIM Class                        | EC001744                      |
| E-number FI                       | 4579662                       |
| Fixture luminous flux (lm)        | 37800                         |
| Luminaire efficacy (lm/W)         | 159                           |
| Correlated colour temperature (k) | 4000                          |
| Light colour                      | Neutral White                 |
| CRI (Ra)                          | 80                            |
| Colour Variation Initial (SDCM)   | 3                             |
| Beam Angle (°)                    | 60                            |
| Photobiological Risk Group        | RG1                           |
| Total power consumption (W)       | 238                           |
| Electrical protection             | Class I                       |
| Control gear type                 | LED driver constant current   |

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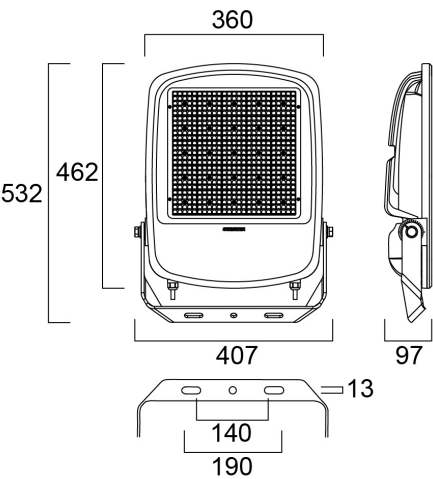
|                     |                |
|---------------------|----------------|
| Dimmable            | Yes            |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour      | RAL9017        |
| IP rating           | IP66           |
| IK rating           | IK08           |
| Product EAN number  | 5410288568263  |
| Warranty            | 5 years        |
| Dimming method      | DALI-2         |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                  |                               |
|----------------------------------|-------------------------------|
| Product name                     | Kalani IP66 36KLM 840 WB DALI |
| 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                      | 4579662                       |
| Warranty                         | 5 years                       |

OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 37800         |
| Luminaire efficacy (lm/W)         | 159           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |

## Kalani IP66 36KLM 840 WB DALI 0056826

|                                 |           |
|---------------------------------|-----------|
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | 3         |
| Beam Angle (°)                  | 60        |
| Distribution type               | Symmetric |
| Photobiological Risk Group      | RG1       |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 238                         |
| Current (A)                                                      | 1.035                       |
| 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 % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | Yes                         |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI-2                      |
| Drive current (mA)                                               | 1125                        |
| Inrush Current (A)                                               | 69                          |
| Inrush Duration (µs)                                             | 1200                        |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Low (6% - 20%)              |
| Max. products per 10A C Breaker                                  | 4                           |
| Max. products per 13A C Breaker                                  | 5                           |
| Max. products per 16A C Breaker                                  | 7                           |
| Max. products per 20A C Breaker                                  | 8                           |
| Max. products per 10A B Breaker                                  | 2                           |
| Max. products per 13A B Breaker                                  | 3                           |
| Max. products per 16A B Breaker                                  | 4                           |
| Max. products per 20A B Breaker                                  | 5                           |

## Kalani IP66 36KLM 840 WB DALI 0056826

|                                                      |    |
|------------------------------------------------------|----|
| Mains surge immunity (differential mode -> L-N) (kV) | 10 |
| Mains surge immunity (common mode -> L/N - GND) (kV) | 10 |
| Connectable conductor cross section - Min (mm²)      | 1  |
| Connectable conductor cross section - Max (mm²)      | 1  |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L80 B20 | 96000  |

### PHYSICAL DATA

|                             |             |
|-----------------------------|-------------|
| Housing colour              | RAL9017     |
| IP rating                   | IP66        |
| IK rating                   | IK08        |
| Diffuser finish             | Transparent |
| Diffuser material           | Glass       |
| Reflector finish            | Matt        |
| Nominal Product Length (mm) | 532         |
| Nominal Product Width (mm)  | 407         |
| Nominal Product Height (mm) | 97          |
| Weight (kg)                 | 7.8         |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288568263  |
| Packaging single length / height (cm) | 53.1           |
| Packaging single width (cm)           | 40.7           |
| Packaging single depth (cm)           | 9.7            |
| DUN14 (inner)                         | 05410288568263 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 53.1           |



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|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 40.7 |
| Packaging outer depth (cm) | 9.7  |

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     |