



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, 3000K, CRI80, DALI dimmable, 14500lm, 102W, 142lm/W, Asymmetrical Wide beam, 100.000hrs L80B50 lifespan, 405 x 320 x73mm (LxWxD) dimensions, 4.3kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

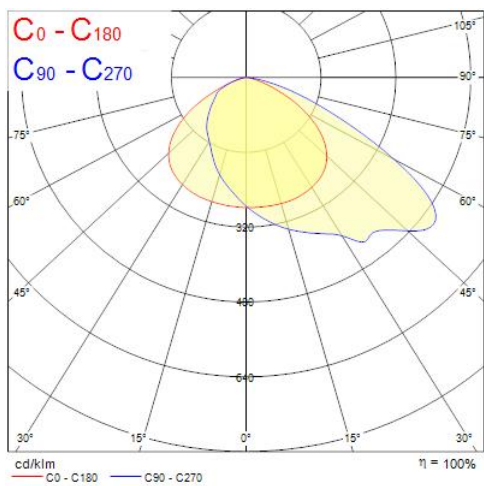
Product Overview

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Product name                      | Kalani IP66 14KLM 830 ASYM DALI |
| Technology                        | LED                             |
| Cap/Base                          | N/A                             |
| Housing                           | Aluminium                       |
| Mount                             | Other                           |
| General application               | Logistics & Industry            |
| ETIM Class                        | EC001744                        |
| E-number FI                       | 4579649                         |
| Fixture luminous flux (lm)        | 14500                           |
| Luminaire efficacy (lm/W)         | 142                             |
| Correlated colour temperature (k) | 3000                            |
| Light colour                      | Warm White                      |
| CRI (Ra)                          | 80                              |
| Colour Variation Initial (SDCM)   | 3                               |
| Beam Angle (°)                    | 65x120                          |
| Photobiological Risk Group        | RG1                             |
| Total power consumption (W)       | 102                             |
| Electrical protection             | Class I                         |
| Control gear type                 | LED driver constant current     |

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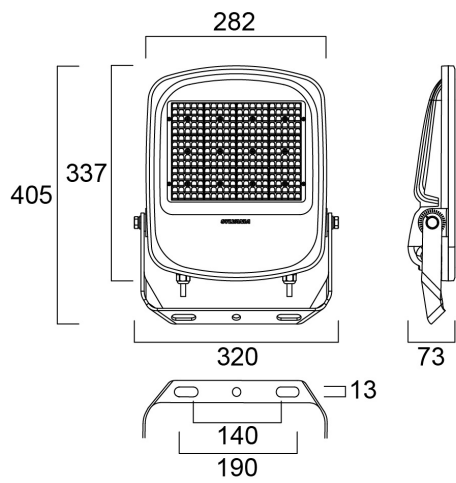
|                     |                |
|---------------------|----------------|
| Dimmable            | Yes            |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour      | RAL9017        |
| IP rating           | IP66           |
| IK rating           | IK08           |
| Product EAN number  | 5410288568096  |
| Warranty            | 5 years        |
| Dimming method      | DALI-2         |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                  |                                 |
|----------------------------------|---------------------------------|
| Product name                     | Kalani IP66 14KLM 830 ASYM 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                      | 4579649                         |
| Warranty                         | 5 years                         |

OPTICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 14500      |
| Luminaire efficacy (lm/W)         | 142        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |

## Kalani IP66 14KLM 830 ASYM DALI 0056809

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

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 102                         |
| Current (A)                                                           | 0.443                       |
| 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) $\leq$ 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)                                                    | 480                         |
| Inrush Current (A)                                                    | 86                          |
| Inrush Duration ( $\mu$ s)                                            | 256                         |
| 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                                       | 12                          |
| Max. products per 13A C Breaker                                       | 13                          |
| Max. products per 16A C Breaker                                       | 17                          |
| Max. products per 20A C Breaker                                       | 22                          |
| Max. products per 10A B Breaker                                       | 8                           |
| Max. products per 13A B Breaker                                       | 9                           |
| Max. products per 16A B Breaker                                       | 12                          |
| Max. products per 20A B Breaker                                       | 15                          |

## Kalani IP66 14KLM 830 ASYM DALI 0056809

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

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L80 B20 | 93000  |

### PHYSICAL DATA

|                             |             |
|-----------------------------|-------------|
| Housing colour              | RAL9017     |
| IP rating                   | IP66        |
| IK rating                   | IK08        |
| Diffuser finish             | Transparent |
| Diffuser material           | Glass       |
| Reflector finish            | Matt        |
| Nominal Product Length (mm) | 405         |
| Nominal Product Width (mm)  | 320         |
| Nominal Product Height (mm) | 73          |
| Weight (kg)                 | 4.3         |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288568096  |
| Packaging single length / height (cm) | 40.4           |
| Packaging single width (cm)           | 31.7           |
| Packaging single depth (cm)           | 7.3            |
| DUN14 (inner)                         | 05410288568096 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 40.4           |



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|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 31.7 |
| Packaging outer depth (cm) | 7.3  |

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     |