



### 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, Non-dimmable, 27000lm, 198W, 136lm/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.

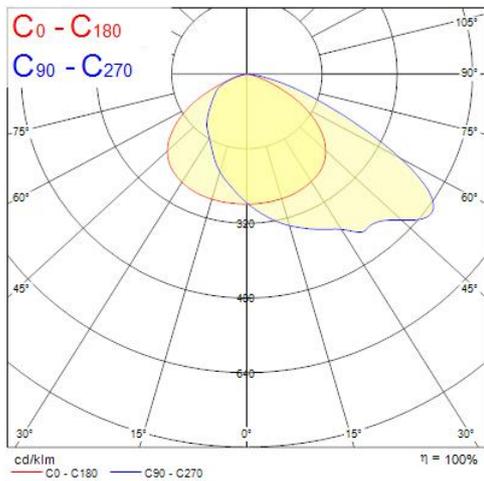
### Product Overview

Product name	Kalani IP66 28KLM 830 ASYM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579614
Fixture luminous flux (lm)	27000
Luminaire efficacy (lm/W)	136
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)	198
Electrical protection	Class I
Control gear type	LED driver constant current

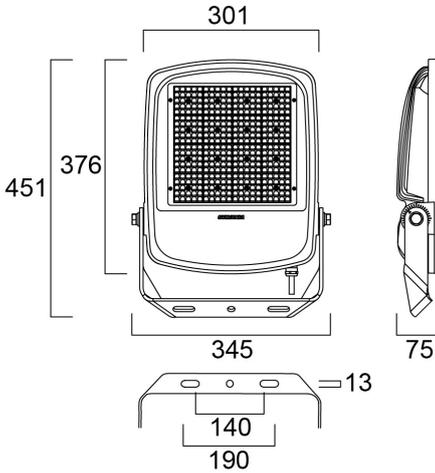
## Kalani IP66 28KLM 830 ASYM 0056707

Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017
IP rating	IP66
IK rating	IK08
Product EAN number	5410288567075
Warranty	5 years
Dimming method	N/A

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name	Kalani IP66 28KLM 830 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	4579614
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	27000
Luminaire efficacy (lm/W)	136
Correlated colour temperature (k)	3000
Light colour	Warm White

## Kalani IP66 28KLM 830 ASYM 0056707

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 830 ASYM 0056707

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	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	5410288567075
Packaging single length / height (cm)	50.5
Packaging single width (cm)	38.0
Packaging single depth (cm)	14.0
DUN14 (inner)	05410288567075
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

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