



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, 7300lm, 51W, 143lm/W, Symmetrical Wide beam, 100.000hrs L80B50 lifespan, 331 x 237 x 68mm (LxWxD) dimensions, 2.3kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

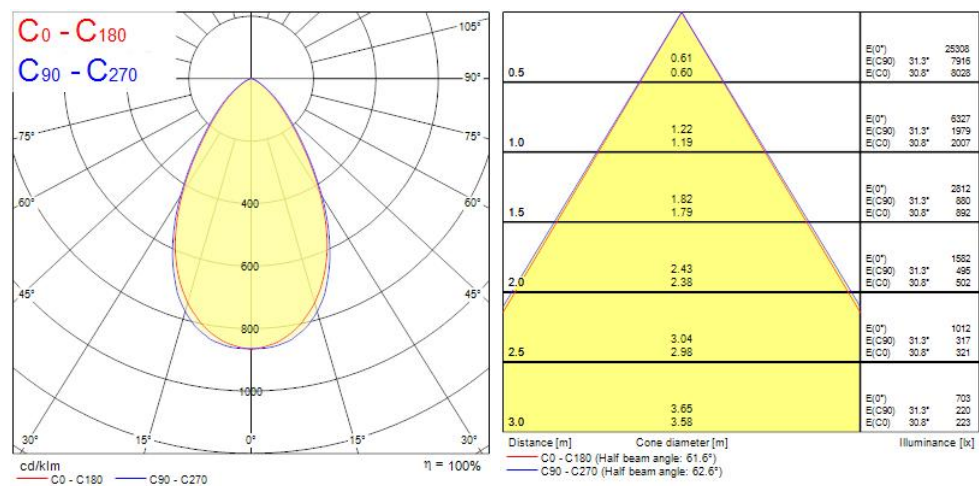
Product Overview

Product name	Kalani IP66 7KLM 830 WB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579610
Fixture luminous flux (lm)	7300
Luminaire efficacy (lm/W)	143
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Beam Angle (°)	Not applicable
Photobiological Risk Group	RG1
Total power consumption (W)	51
Electrical protection	Class I

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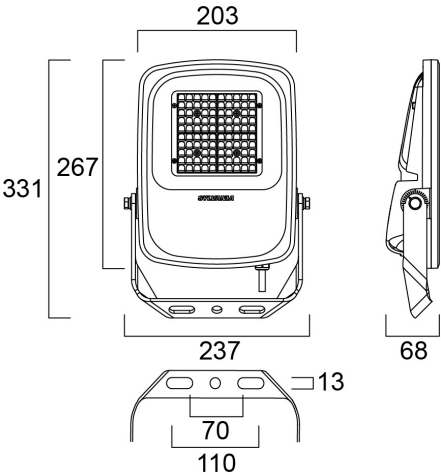
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017
IP rating	IP66
IK rating	IK08
Product EAN number	5410288567006
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	Kalani IP66 7KLM 830 WB
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	4579610
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	7300
Luminaire efficacy (lm/W)	143
Correlated colour temperature (k)	3000
Light colour	Warm White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Beam Angle (°)	Not applicable
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	51
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)	220
Inrush Current (A)	60
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	14
Max. products per 13A C Breaker	18
Max. products per 16A C Breaker	22
Max. products per 20A C Breaker	28
Max. products per 10A B Breaker	11
Max. products per 13A B Breaker	14
Max. products per 16A B Breaker	19
Max. products per 20A B Breaker	22

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

Lifespan L70 B50	100000
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Lifespan L80 B50	100000
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Lifespan L80 B20	91000
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PHYSICAL DATA

Housing colour	RAL9017
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IP rating	IP66
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IK rating	IK08
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Diffuser finish	Transparent
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Diffuser material	Glass
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Reflector finish	Matt
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Nominal Product Length (mm)	331
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Nominal Product Width (mm)	237
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Nominal Product Height (mm)	68
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Weight (kg)	2.3
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PACKAGING

Product EAN number	5410288567006
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Packaging single length / height (cm)	24.8
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Packaging single width (cm)	8.1
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Packaging single depth (cm)	34.5
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DUN14 (inner)	05410288567006
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Units per outer package	1
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Packaging outer length / height (cm)	24.8
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Packaging outer width (cm)	8.1
Packaging outer depth (cm)	34.5

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