



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, 8100lm, 50W, 162lm/W, Symmetrical Wide beam, 100.000hrs L80B50 lifespan, 374 x 261 x 69mm (LxWxD) dimensions, 3.3kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

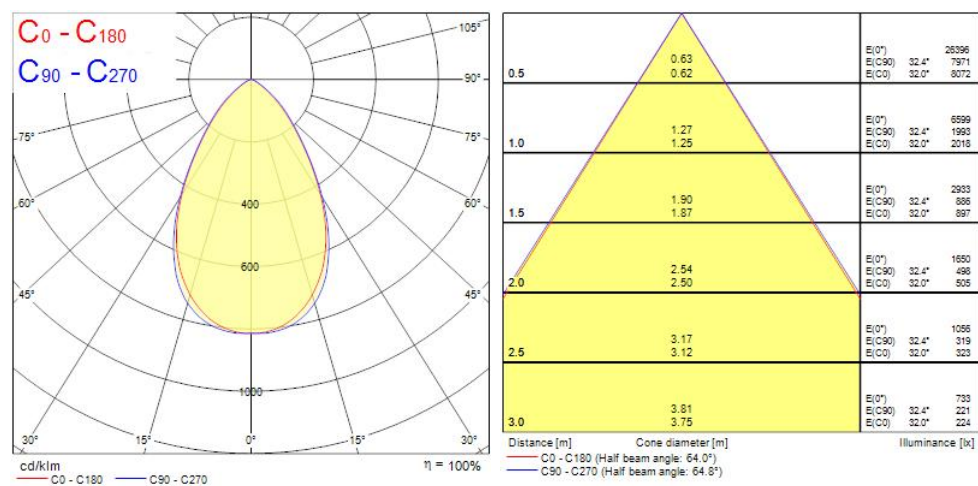
Product Overview

Product name	Kalani IP66 7KLM 840 WB DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579654
Fixture luminous flux (lm)	8100
Luminaire efficacy (lm/W)	162
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)	50
Electrical protection	Class I
Control gear type	LED driver constant current

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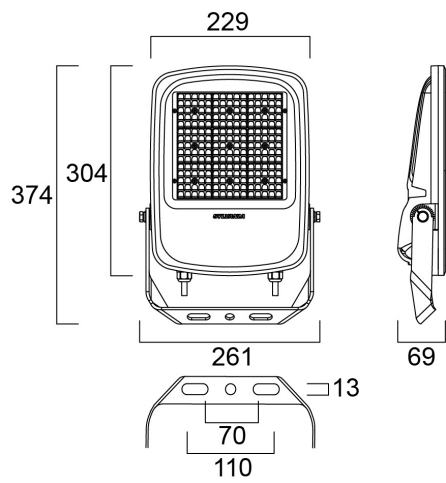
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017
IP rating	IP66
IK rating	IK08
Product EAN number	5410288568188
Warranty	5 years
Dimming method	DALI-2

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	Kalani IP66 7KLM 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	4579654
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	8100
Luminaire efficacy (lm/W)	162
Correlated colour temperature (k)	4000
Light colour	Neutral White

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

ELECTRICAL DATA

Total power consumption (W)	50
Current (A)	0.217
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)	300
Inrush Current (A)	44
Inrush Duration (μ s)	372
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	15
Max. products per 13A C Breaker	20
Max. products per 16A C Breaker	23
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	25

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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 ²)	1
Connectable conductor cross section - Max (mm ²)	1

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000

PHYSICAL DATA

Housing colour	RAL9017
IP rating	IP66
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	Glass
Reflector finish	Matt
Nominal Product Length (mm)	374
Nominal Product Width (mm)	261
Nominal Product Height (mm)	69
Weight (kg)	3.3

PACKAGING

Product EAN number	5410288568188
Packaging single length / height (cm)	37.0
Packaging single width (cm)	26.0
Packaging single depth (cm)	6.8
DUN14 (inner)	05410288568188
Units per outer package	1
Packaging outer length / height (cm)	37.0



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Packaging outer width (cm)	26.0
Packaging outer depth (cm)	6.8

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