

Features

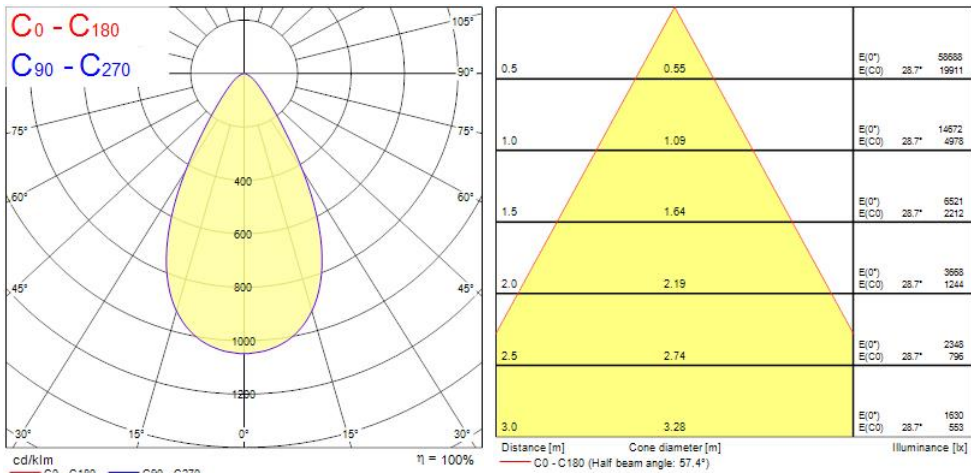
- Exterior LED Floodlight, comes complete with 1500mm flying lead and adjustable bracket, aluminium housing, clear glass diffuser, IP66, IK08, Class I, 4000K, Non-dimming, 14000lm, 100W, 140lm/W, CRI80, Symmetrical Wide beam angle (60°), 100000 hrs L80B20 lifespan, 418 x 330 x 77mm (LxWxD) dimensions, 3.9kg weight.

Product Overview

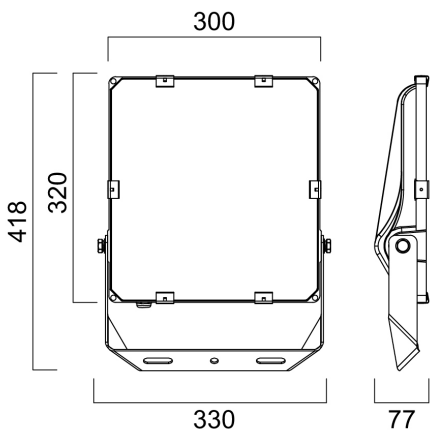
Product name	Kalani IP66 13KLM 840 WB
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579567
Fixture luminous flux (lm)	14000
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG1
Total power consumption (W)	100
Electrical protection	Class I
Dimmable	No
IP rating	IP66
IK rating	IK08
Product EAN number	5410288485362
Warranty	5 years

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0048536

Dimming method	N/A
Photometry	



Technical drawings



Data table

GENERAL DATA

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Product name	Kalani IP66 13KLM 840 WB
Technology	LED
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4579567
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	14000
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	100
Mains voltage (V)	220-240V
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	1950
Inrush Current (A)	60
Inrush Duration (µs)	450
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz

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Max. Luminaires per 10A C Breaker	4
Max. Luminaires per 13A C Breaker	5
Max. Luminaires per 16A C Breaker	7
Max. Luminaires per 20A C Breaker	9
Max. Luminaires per 10A B Breaker	2
Max. Luminaires per 13A B Breaker	3
Max. Luminaires per 16A B Breaker	4
Max. Luminaires per 20A B Breaker	5
Mains surge immunity (differential mode -> L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	10

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000

PHYSICAL DATA

IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	418
Nominal Product Width (mm)	330
Nominal Product Height (mm)	77
Weight (kg)	3.9

PACKAGING

Single packaging type	Carton
Product EAN number	5410288485362
Packaging single length / height (cm)	48.0
Packaging single width (cm)	12.0
Packaging single depth (cm)	37.0
DUN14 (outer)	05410288485362
Units per outer package	1
Packaging outer length / height (cm)	48.0



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Packaging outer width (cm)	12.0
Packaging outer depth (cm)	37.0

SAFETY DATA

Optimal operating condition (°C)	-30-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No