



Features

- Exterior LED Floodlight, comes complete with 1200mm flying lead and adjustable bracket, aluminium housing, clear glass diffuser, IP66, IK08, Class I, 4000K, CRI80, Non-dimmable, 43800lm, 297W, 147lm/W, Asymmetrical Wide beam, 100.000hrs L70B50 lifespan, 531 x 403 x 97mm (LxWxD) dimensions, 7kg weight, RAL9017 Traffic Black color.

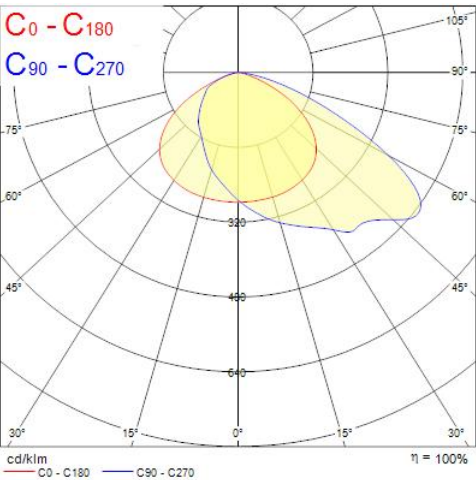
Product Overview

Product name	Kalani IP66 42KLM 840 ASYM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
General application	Logistics & Industry
ETIM Class	EC001744
Fixture luminous flux (lm)	43800
Luminaire efficacy (lm/W)	147
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	65x120
Photobiological Risk Group	RG1
Total power consumption (W)	297
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9017 - Traffic black

Kalani IP66 42KLM 840 ASYM
0056719

IP rating	IP66
IK rating	IK08
Product EAN number	5410288567198
Warranty	5 years
Dimming method	N/A

Photometry



Data table

GENERAL DATA

Product name	Kalani IP66 42KLM 840 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
Warranty	5 years

OPTICAL DATA

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Fixture luminous flux (lm)	43800
Luminaire efficacy (lm/W)	147
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	65x120
Distribution type	Asymmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	297
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 %	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)	1375
Inrush Current (A)	100
Inrush Duration (μ s)	350
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	3
Max. products per 13A C Breaker	4
Max. products per 16A C Breaker	5
Max. products per 20A C Breaker	6
Max. products per 10A B Breaker	2
Max. products per 13A B Breaker	2
Max. products per 16A B Breaker	3

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Max. products per 20A B Breaker	4
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 L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	99000
Lifespan L80 B20	92000
Lifespan L80 B10	88000
Lifespan L90 B50	48000
Lifespan L90 B20	44000
Lifespan L90 B10	43000

PHYSICAL DATA

Housing colour	RAL 9017 - Traffic black
IP rating	IP66
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	Glass
Reflector finish	Matt
Nominal Product Length (mm)	531
Nominal Product Width (mm)	403
Nominal Product Height (mm)	97
Weight (kg)	7.0

PACKAGING



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Single packaging type	Carton
Product EAN number	5410288567198
Packaging single length / height (cm)	59.0
Packaging single width (cm)	44.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05410288567198
Units per outer package	1
Packaging outer length / height (cm)	59.0
Packaging outer width (cm)	44.5
Packaging outer depth (cm)	14.5

SAFETY DATA

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