



Features

- Exterior LED Floodlight, comes complete with 1000mm flying lead and adjustable bracket, aluminium housing, clear glass diffuser, IP66, IK08, Class I, 4000K, CRI80, Non-dimmable, 46400lm, 297W, 156lm/W, Symmetrical Wide beam, 100.000hrs L70B50 lifespan, 531 x 403 x 97mm (LxWxD) dimensions, 7kg weight, RAL9017 Traffic Black color.

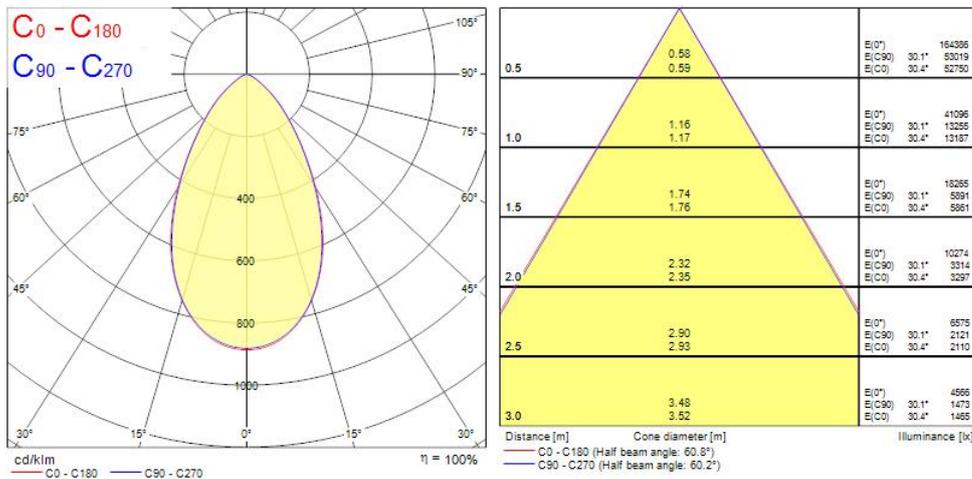
Product Overview

Product name	Kalani IP66 42KLM 840 WB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579623
Fixture luminous flux (lm)	46400
Luminaire efficacy (lm/W)	156
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)	297
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No

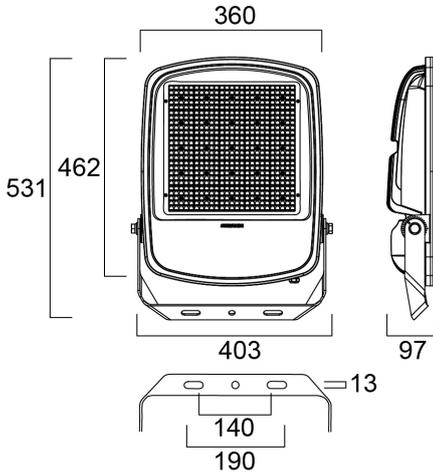
Kalani IP66 42KLM 840 WB 0056718

LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9017 - Traffic black
IP rating	IP66
IK rating	IK08
Product EAN number	5410288567181
Warranty	5 years
Dimming method	N/A

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Kalani IP66 42KLM 840 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	4579623
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	46400
Luminaire efficacy (lm/W)	156
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)	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) ≤ 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 (µs)	350
Glow Wire Test (°C)	650
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	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
Max. products per 20A B Breaker	4

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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	99000
Lifespan L80 B20	92000

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

Single packaging type	Carton
Product EAN number	5410288567181
Packaging single length / height (cm)	59.0
Packaging single width (cm)	44.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05410288567181
Units per outer package	1

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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