

Kalani Symmetric

Kalani IP66 20KLM 840 WB
0048538



Product 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, 20800lm, 150W, 139lm/W, CRI80, Symmetrical Wide beam angle (60°), 100000 hrs L80B20 lifespan, 451 x 330 x 77mm (LxWxD) dimensions, 4.6kg weight.



PRODUCT OVERVIEW

Product name	Kalani IP66 20KLM 840 WB
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579569
Warranty	5 years
Fixture luminous flux (lm)	20800
Luminaire efficacy (lm/W)	139
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Photobiological Risk Group	RG1
Total power consumption (W)	150
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
IP rating	IP66
IK rating	IK08
Product EAN number	5410288485386

DATA TABLE

General data

Product name	Kalani IP66 20KLM 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	4579569

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Warranty 5 years

Optical data

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Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	150
Mains voltage (V)	220-240V
Lamp power factor	0.99
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	2850
Inrush Current (A)	60
Inrush Duration (µs)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	4
Max. Luminaires per 13A C Breaker	5
Max. Luminaires per 16A C Breaker	6
Max. Luminaires per 20A C Breaker	8
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)	451
Nominal Product Width (mm)	330
Nominal Product Height (mm)	77
Weight (kg)	4.6

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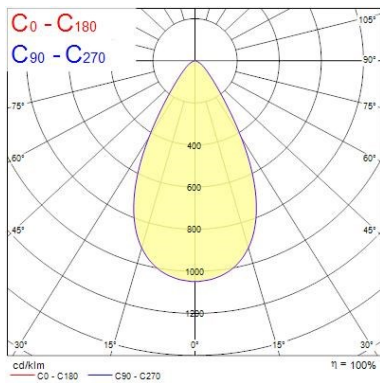
Packaging

Single packaging type	Carton
Product EAN number	5410288485386
Packaging single length / height (cm)	52.0
Packaging single width (cm)	13.0
Packaging single depth (cm)	37.0
DUN14 (outer)	05410288485386
Units per outer package	1
Packaging outer length / height (cm)	52.0
Packaging outer width (cm)	13.0
Packaging outer depth (cm)	37.0

Safety data

Optimal operating condition (°C)	-30-50
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	0.55	87194	28.7°	2661
1.0	1.09	21798	28.7°	736
1.5	1.64	9633	28.7°	323
2.0	2.19	5433	28.7°	189
2.5	2.74	3433	28.7°	113
3.0	3.28	2422	28.7°	62

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 57.4°)

TECHNICAL DRAWINGS

