

Kalani IP66 42KLM 840 WB

Item No: 0056718

SYLVANIA

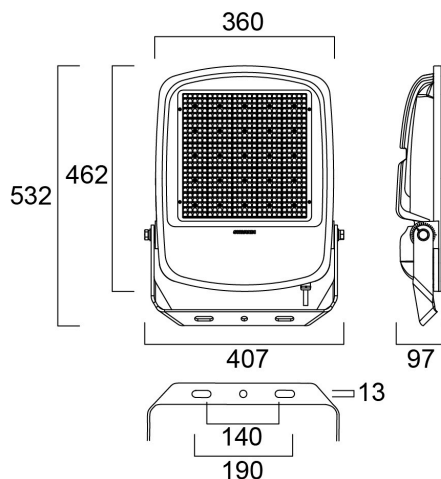
PROTM



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, Non-dimmable, 46400lm, 297W, 156lm/W, Symmetrical Wide beam, 100.000hrs L80B50 lifespan, 532 x 407 x 97mm (LxWxD) dimensions, 7.4kg weight, RAL9017 Traffic Black color, Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3.

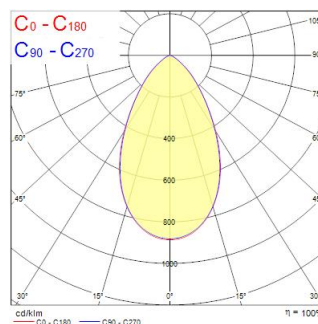
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [sq ft]
0.5	0.58	60.2°	0.58	0.27	2.9	0.27
1.0	1.16	60.2°	1.16	1.07	11.6	1.07
1.5	1.74	60.2°	1.74	3.01	32.7	3.01
2.0	2.32	60.2°	2.32	5.39	58.2	5.39
2.5	2.90	60.2°	2.90	8.44	91.1	8.44
3.0	3.48	60.2°	3.48	12.06	130.6	12.06



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General data

Product name	Kalani IP66 42KLM 840 WB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Other
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4579623
Warranty	5 years

Optical data

Fixture luminous flux (lm)	46400
Luminaire efficacy (lm/W)	156
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Emergency type	
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 type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	1375
Inrush Current (A)	100
Inrush Duration (µs)	350
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
Mains surge immunity (differential mode -> L-N) (kV)	10
Mains surge immunity (common mode -> L/N - GND) (kV)	10
Connectable conductor cross section - Min (mm²)	1
Connectable conductor cross section - Max (mm²)	1

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
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)	532
Nominal Product Width (mm)	407
Nominal Product Height (mm)	97
Weight (kg)	7.4

Packaging

Product EAN number	5410288567181
Packaging single length / height (cm)	59.0
Packaging single width (cm)	44.5
Packaging single depth (cm)	14.5
DUN14 (inner)	05410288567181
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-30-50