

Raiden 8KLM

Raiden IP66 8KLM 840 Symmetric Wide DALI
2824088



Product features

- Outdoor and indoor floodlight range with in house design, comes complete with 1m flying lead and adjustable bracket, aluminium housing, RAL 9022 - Pearl light grey, clear glass diffuser, IP66, IK08, Class I, 4000K, DALI dimmable, 9100lm, 67W, 136lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 327x270x74mm (LxWxH) dimensions, 4.3kg weight. Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3 only with the separate wire guard accessory fitted.



PRODUCT OVERVIEW

Product name	Raiden IP66 8KLM 840 Symmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	9100
Luminaire efficacy (lm/W)	136
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)	67
Electrical protection	Class I
Dimmable	Yes
Dimming method	DALI-2
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768240883

DATA TABLE

General data

Product name	Raiden IP66 8KLM 840 Symmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
Operating temperature range (°C)	-40°C...+50°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	9100
Luminaire efficacy (lm/W)	136
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)	67
Mains voltage (V)	220-240V
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
Transformer required	No
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	1280
Inrush Current (A)	130
Inrush Duration (µs)	70
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	18
Max. Luminaires per 16A C Breaker	26
Max. Luminaires per 20A C Breaker	30
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	11
Max. Luminaires per 16A B Breaker	15
Max. Luminaires per 20A B Breaker	18
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
Lifespan L90 B50	100000

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Physical data

Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	327
Nominal Product Width (mm)	270
Nominal Product Height (mm)	74
Weight (kg)	4.3

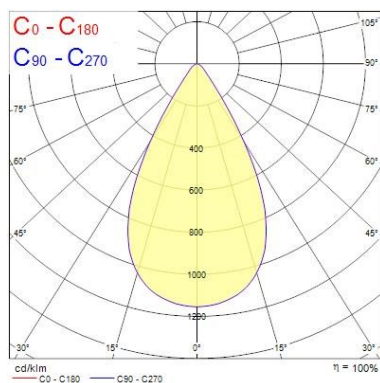
Packaging

Single packaging type	Carton
Product EAN number	5025768240883
Packaging single length / height (cm)	39.5
Packaging single width (cm)	36.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05025768240883
Units per outer package	1
Packaging outer length / height (cm)	39.5
Packaging outer width (cm)	36.5
Packaging outer depth (cm)	14.5

Safety data

Optimal operating condition (°C)	-40-50
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PHOTOMETRY



0.5	0.54	E(0°) E(C0)	28.8°	42026 14331
1.0	1.09	E(0°) E(C0)	28.8°	10507 3583
1.5	1.63	E(0°) E(C0)	28.8°	4670 1592
2.0	2.17	E(0°) E(C0)	28.8°	2627 896
2.5	2.71	E(0°) E(C0)	28.8°	1681 573
3.0	3.26	E(0°) E(C0)	28.8°	1187 398

Distance [m] Cone diameter [m] Illuminance [lx]

C0 - C180 (Half beam angle: 57.0°)

TECHNICAL DRAWINGS

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