

Raiden 12KLM

Raiden IP66 12KLM 840 Symmetric Wide DALI

2824092



- 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, 12400lm, 90W, 138lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 511x319x76mm (LxWxH) dimensions, 6.2kg 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 12KLM 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)	12400
Luminaire efficacy (lm/W)	138
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)	90
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	5025768240920

DATA TABLE

General data	
Product name	Raiden IP66 12KLM 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)	12400
Luminaire efficacy (lm/W)	138
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)	90
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	1820
Inrush Current (A)	180
Inrush Duration (µs)	150
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	6
Max. products per 13A C Breaker	5
Max. products per 16A C Breaker	6
Max. products per 20A C Breaker	8
Max. products per 10A B Breaker	3
Max. products per 13A B Breaker	3
Max. products per 16A B Breaker	3
Max. products per 20A B Breaker	4
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)	511
Nominal Product Width (mm)	319
Nominal Product Height (mm)	76
Weight (kg)	6.2

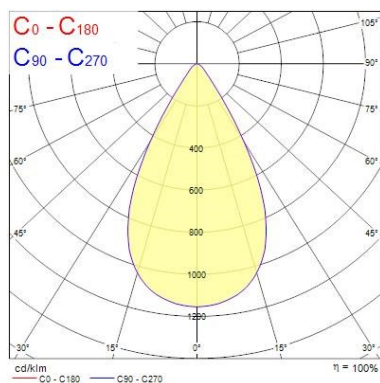
Packaging

Single packaging type	Carton
Product EAN number	5025768240920
Packaging single length / height (cm)	56.0
Packaging single width (cm)	41.5
Packaging single depth (cm)	14.0
DUN14 (outer)	05025768240920
Units per outer package	1
Packaging outer length / height (cm)	56.0
Packaging outer width (cm)	41.5
Packaging outer depth (cm)	14.0

Safety data

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



0.5	0.54	E(0°) E(C0)	57267 28.8° 19528
1.0	1.09	E(0°) E(C0)	14317 28.8° 4882
1.5	1.63	E(0°) E(C0)	6383 28.8° 2170
2.0	2.17	E(0°) E(C0)	3679 28.8° 1220
2.5	2.71	E(0°) E(C0)	2291 28.8° 781
3.0	3.26	E(0°) E(C0)	1591 28.8° 542

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 57.0°)

TECHNICAL DRAWINGS

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