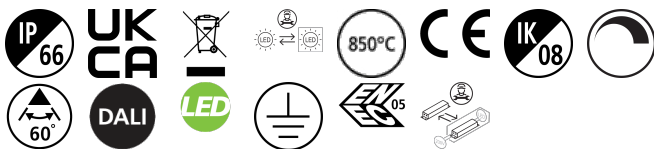


Raiden 3KLM
Raiden IP66 3KLM 840 Symmetric Wide DALI
2824084



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, 3500lm, 26W, 135lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 254x203x68mm (LxWxH) dimensions, 2.2kg 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 3KLM 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)	3500
Luminaire efficacy (lm/W)	135
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)	26
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	5025768240845

DATA TABLE

General data	
Product name	Raiden IP66 3KLM 840 Symmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
Operating temperature range (°C)	-40°C...+50°C

Raiden 3KLM

Raiden IP66 3KLM 840 Symmetric Wide DALI
2824084

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

Optical data

Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	135
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)	26
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)	510
Inrush Current (A)	20
Inrush Duration (µs)	100
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	56
Max. products per 13A C Breaker	74
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	34
Max. products per 13A B Breaker	44
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	68
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

Raiden 3KLM

Raiden IP66 3KLM 840 Symmetric Wide DALI
2824084

Physical data

Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	254
Nominal Product Width (mm)	203
Nominal Product Height (mm)	68
Weight (kg)	2.2

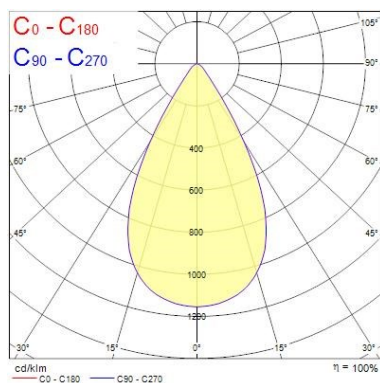
Packaging

Single packaging type	Carton
Product EAN number	5025768240845
Packaging single length / height (cm)	30.5
Packaging single width (cm)	20.9
Packaging single depth (cm)	12.0
DUN14 (outer)	15025768240842
Units per outer package	5
Packaging outer length / height (cm)	62.5
Packaging outer width (cm)	32.0
Packaging outer depth (cm)	32.0

Safety data

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



0.5	0.54	E(0°) E(C0) 28.8°	18164 5812
1.0	1.09	E(0°) E(C0) 28.8°	4541 1373
1.5	1.63	E(0°) E(C0) 28.8°	1796 612
2.0	2.17	E(0°) E(C0) 28.8°	1010 344
2.5	2.71	E(0°) E(C0) 28.8°	647 220
3.0	3.26	E(0°) E(C0) 28.8°	489 163

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

TECHNICAL DRAWINGS

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