

- 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, Non-dimming, 3500lm, 26W, 135lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 254x203x68mm (LxWxH) dimensions, 2.1kg 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
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	No
Dimming method	N/A
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768240562

DATA TABLE

General data

Product name	Raiden IP66 3KLM 840 Symmetric Wide
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
2824056

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
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	No
Dimming method	N/A
Drive current (mA)	510
Inrush Current (A)	45
Inrush Duration (µs)	110
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	22
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	36
Max. Luminaires per 10A B Breaker	17
Max. Luminaires per 13A B Breaker	22
Max. Luminaires per 16A B Breaker	27
Max. Luminaires per 20A B Breaker	34
Mains surge immunity (differential mode - > L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	6

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B50	100000

Raiden 3KLM

Raiden IP66 3KLM 840 Symmetric Wide
2824056

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)	2.1

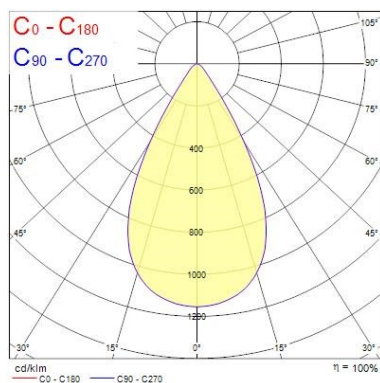
Packaging

Single packaging type	Carton
Product EAN number	5025768240562
Packaging single length / height (cm)	30.5
Packaging single width (cm)	20.9
Packaging single depth (cm)	12.0
DUN14 (outer)	15025768240569
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
----------------------------------	--------

PHOTOMETRY



0.5	0.54	E(0°) E(C0) 28.8°	18164 5812
1.0	1.09	E(0°) E(C0) 28.8°	4541 1378
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°	488 163

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

TECHNICAL DRAWINGS

Raiden 3KLM

Raiden IP66 3KLM 840 Symmetric Wide
2824056

