

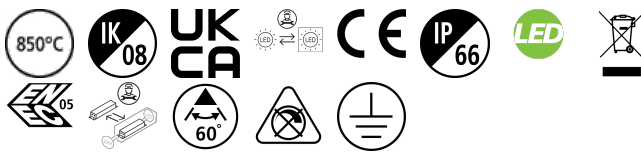
## Raiden 8KLM

Raiden IP66 8KLM 830 Symmetric Wide  
2824004



### 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, 3000K, Non-dimming, 8500lm, 67W, 127lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 327x270x74mm (LxWxH) dimensions, 4.2kg 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 8KLM 830 Symmetric Wide
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	8500
Luminaire efficacy (lm/W)	127
Colour temperature (K)	3000
Light colour	Warm 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	No
Dimming method	N/A
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768240043

### DATA TABLE

#### General data

Product name	Raiden IP66 8KLM 830 Symmetric Wide
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)	8500
Luminaire efficacy (lm/W)	127
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	67
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	No
Dimming method	N/A
Drive current (mA)	1280
Inrush Current (A)	45
Inrush Duration (µs)	200
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	15
Max. products per 13A C Breaker	19
Max. products per 16A C Breaker	24
Max. products per 20A C Breaker	30
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	11
Max. products per 16A B Breaker	14
Max. products 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)	4.2

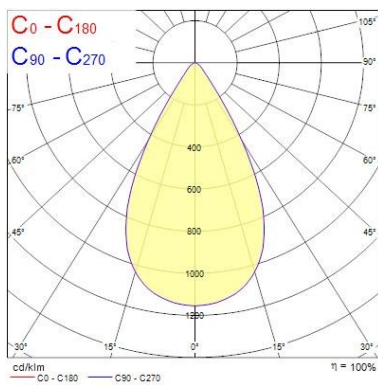
### Packaging

Single packaging type	Carton
Product EAN number	5025768240043
Packaging single length / height (cm)	39.5
Packaging single width (cm)	36.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05025768240043
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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.54	E(0°) 39285 E(C0) 28.8° 13388
1.0	1.09	E(0°) 9814 E(C0) 28.8° 3346
1.5	1.63	E(0°) 4382 E(C0) 28.8° 1487
2.0	2.17	E(0°) 2483 E(C0) 28.8° 837
2.5	2.71	E(0°) 1570 E(C0) 28.8° 535
3.0	3.26	E(0°) 1090 E(C0) 28.8° 372

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

## TECHNICAL DRAWINGS

