

Concord

Raiden IP66 12KLM 830 Symmetric Wide 2824008



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, 12300lm, 90W, 137lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L80B50 lifespan, 511x319x76mm (LxWxH) dimensions, 6.1kg weight.

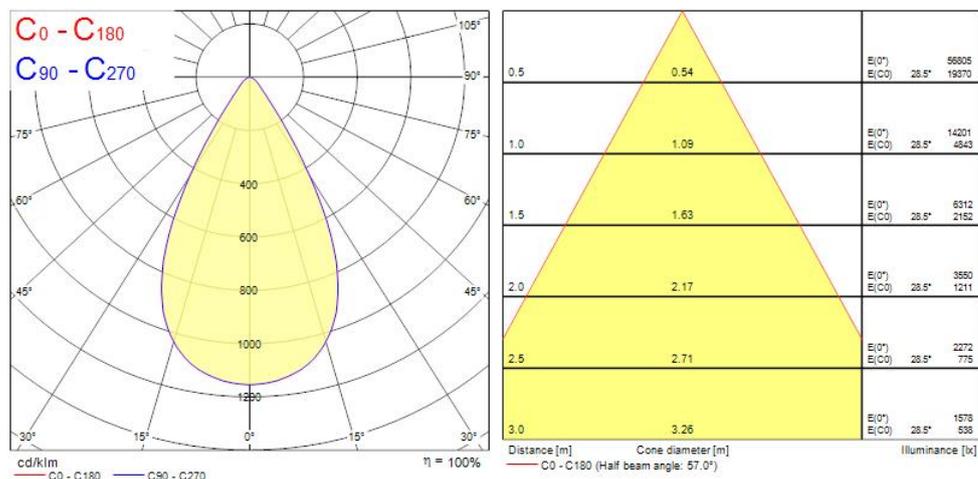
Product Overview

Product name	Raiden IP66 12KLM 830 Symmetric Wide
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Fixture luminous flux (lm)	12300
Luminaire efficacy (lm/W)	137
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG1
Total power consumption (W)	90
Electrical protection	Class I
Dimmable	No
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768240081
Warranty	5 years

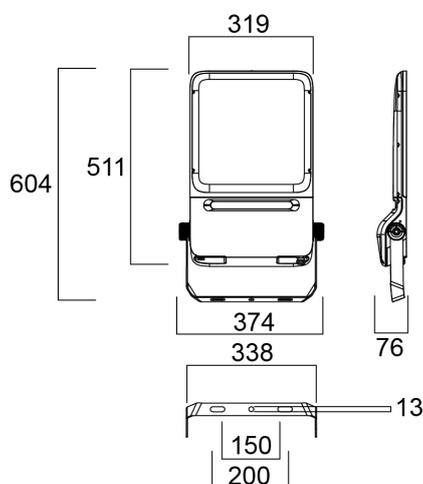
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Photometry



Technical drawings



Data table

GENERAL DATA

Product name

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Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
Operating temperature range (°C)	-40°C - 50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	12300
Luminaire efficacy (lm/W)	137
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	90
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Transformer required	No
Dimmable	No
Drive current (mA)	1820
Inrush Current (A)	70
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	10

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Max. Luminaires per 13A C Breaker	12
Max. Luminaires per 16A C Breaker	16
Max. Luminaires per 20A C Breaker	20
Max. Luminaires per 10A B Breaker	6
Max. Luminaires per 13A B Breaker	7
Max. Luminaires per 16A B Breaker	9
Max. Luminaires per 20A B Breaker	12

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000

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
Nominal Product Diameter (mm)	Not applicable
Weight (kg)	6.1

PACKAGING

Single packaging type	Carton
Product EAN number	5025768240081
Packaging single length / height (cm)	56.0
Packaging single width (cm)	41.5
Packaging single depth (cm)	14.0
DUN14 (outer)	05025768240081
Units per outer package	1
Packaging outer length / height (cm)	56.0
Packaging outer width (cm)	41.5
Packaging outer depth (cm)	14.0

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SAFETY DATA

Optimal operating condition (°C)	-40-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No