

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 (2pcs of DALI drivers), 50800lm, 375W, 135lm/W, CRI80, Symmetric Wide beam angle 60°, 100000 hrs L90B50 lifespan, 561x569x76mm (LxWxH) dimensions, 14.5kg weight. Ball-impact-resistance according to DIN57710-13 VDE 0710 13/5.81, DIN 18032-3 only with the separate wire guard accessory fitted.

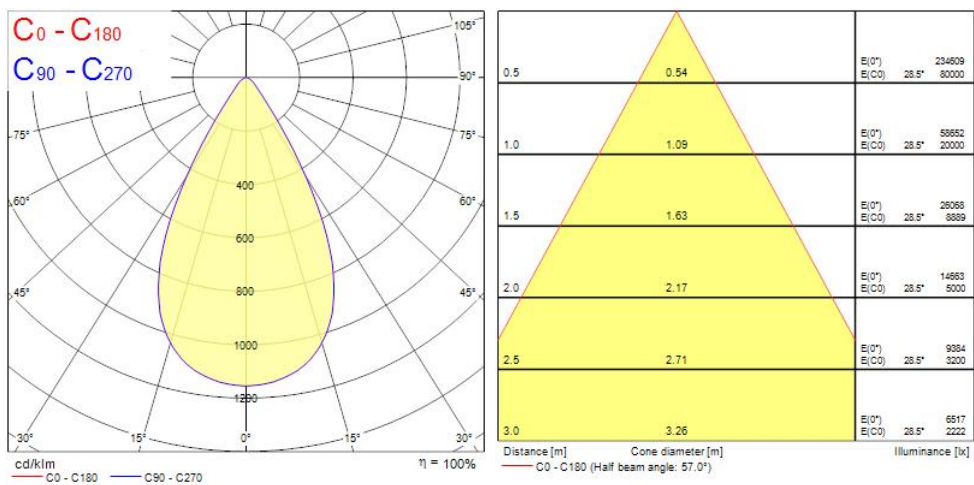
Product Overview

Product name	Raiden IP66 50KLM 840 Symmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Fixture luminous flux (lm)	50800
Luminaire efficacy (lm/W)	135
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG2
Total power consumption (W)	375
Electrical protection	Class I
Dimmable	Yes
Housing colour	RAL9022

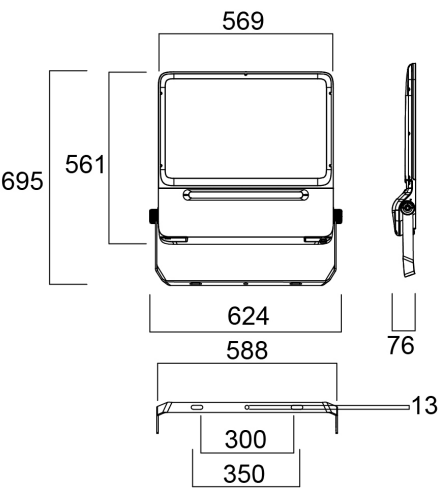
Raiden IP66 50KLM 840 Symmetric Wide DALI 2824108

IP rating	IP66
IK rating	IK08
Product EAN number	5025768241088
Warranty	5 years
Dimming method	DALI-2

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Raiden IP66 50KLM 840 Symmetric Wide DALI
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)	50800
Luminaire efficacy (lm/W)	135
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Photobiological Risk Group	RG2

ELECTRICAL DATA

Total power consumption (W)	375
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

Concord

Raiden IP66 50KLM 840 Symmetric Wide DALI 2824108

Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	7600
Inrush Current (A)	110
Inrush Duration (µs)	350
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	3
Max. products per 13A C Breaker	3
Max. products per 16A C Breaker	5
Max. products per 20A C Breaker	6
Max. products per 10A B Breaker	2
Max. products per 13A B Breaker	2
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	81000
Lifespan L90 B50	100000

PHYSICAL DATA

Housing colour	RAL9022
IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	561
Nominal Product Width (mm)	569
Nominal Product Height (mm)	76
Weight (kg)	14.5

PACKAGING

Product EAN number	5025768241088
Packaging single length / height (cm)	63.0
Packaging single width (cm)	63.0
Packaging single depth (cm)	14.0
DUN14 (inner)	05025768241088
Units per outer package	1
Packaging outer length / height (cm)	63.0
Packaging outer width (cm)	63.0
Packaging outer depth (cm)	14.0

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-40-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No