

Raiden IP66 50KLM 840 Asymmetric Wide DALI 2824110



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), 49500lm, 375W, 132lm/W, CRI80, Asymmetric Wide beam angle 110*50°, 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 Asymmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Fixture luminous flux (lm)	49500
Luminaire efficacy (lm/W)	132
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110*50
Photobiological Risk Group	RG2
Total power consumption (W)	375
Electrical protection	Class I
Dimmable	Yes
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768241101

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Warranty	5 years
Dimming method	DALI-2

Data table

GENERAL DATA

Product name	Raiden IP66 50KLM 840 Asymmetric 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)	49500
Luminaire efficacy (lm/W)	132
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110*50
Photobiological Risk Group	RG2

ELECTRICAL DATA

Total power consumption (W)	375
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

Concord

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Control gear required	No
Transformer required	No
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	7600
Inrush Current (A)	110
Inrush Duration (µs)	350
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	3
Max. Luminaires per 13A C Breaker	3
Max. Luminaires per 16A C Breaker	5
Max. Luminaires per 20A C Breaker	6
Max. Luminaires per 10A B Breaker	2
Max. Luminaires per 13A B Breaker	2
Max. Luminaires per 16A B Breaker	3
Max. Luminaires 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	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	561

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Nominal Product Width (mm)	569
Nominal Product Height (mm)	76
Weight (kg)	14.5

PACKAGING

Single packaging type	Carton
Product EAN number	5025768241101
Packaging single length / height (cm)	63.0
Packaging single width (cm)	63.0
Packaging single depth (cm)	14.0
DUN14 (outer)	05025768241101
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

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