

Raiden IP66 21KLM 840 Asymmetric Wide DALI 2824098



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, 20200lm, 157W, 129lm/W, CRI80, Asymmetric Wide beam angle 110*50°, 100000 hrs L90B50 lifespan, 511x319x76mm (LxWxH) dimensions, 6.8kg 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 21KLM 840 Asymmetric Wide DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Logistics & Industry
ETIM Class	EC001744
Fixture luminous flux (lm)	20200
Luminaire efficacy (lm/W)	129
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110*50
Photobiological Risk Group	RG1
Total power consumption (W)	157
Electrical protection	Class I
Dimmable	Yes
Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Product EAN number	5025768240982

Raiden IP66 21KLM 840 Asymmetric Wide DALI 2824098

Warranty	5 years
Dimming method	DALI-2

Data table

GENERAL DATA

Product name	Raiden IP66 21KLM 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)	20200
Luminaire efficacy (lm/W)	129
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110*50
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	157
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

Raiden IP66 21KLM 840 Asymmetric Wide DALI 2824098

Control gear required	No
Transformer required	No
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	3200
Inrush Current (A)	125
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	6
Max. Luminaires per 13A C Breaker	5
Max. Luminaires per 16A C Breaker	6
Max. Luminaires per 20A C Breaker	8
Max. Luminaires per 10A B Breaker	3
Max. Luminaires per 13A B Breaker	3
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	94000
Lifespan L90 B50	100000

PHYSICAL DATA

Housing colour	RAL 9022 - Pearl light grey
IP rating	IP66
IK rating	IK08
Nominal Product Length (mm)	511

Raiden IP66 21KLM 840 Asymmetric Wide DALI 2824098

Nominal Product Width (mm)	319
Nominal Product Height (mm)	76
Weight (kg)	6.8

PACKAGING

Single packaging type	Carton
Product EAN number	5025768240982
Packaging single length / height (cm)	56.0
Packaging single width (cm)	41.5
Packaging single depth (cm)	14.0
DUN14 (outer)	05025768240982
Units per outer package	1
Packaging outer length / height (cm)	56.0
Packaging outer width (cm)	41.5
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