



Features

• The Zodiac family is dedicated for road/area lighting applications. Light distribution: Asymmetric Medium for roads, color temperature: 4000K , total system power: 93W, total fixture lumen output: 13200lm, luminaire efficacy: 142lm/W, colour rendering index: 70, LED Chromaticity: 5 step MacAdam ellipse tolerance, lumen maintenance: 50000 hours at L70:B50 @ 25°C, operating voltage: 220-240V / 50-60Hz, operating temperature range: -35 - +45°C, non-dimmable, power factor: min. 0.9, electrical protection: Class I, Ingress protection rating: IP66, Impact resistance: IK08, dimensions (LxWxH): 675x292x101mm, net weight: 6.2kg, for 42-60mm side entry or post top installation with +/-15° adjustability, the housing is made of Die Cast Aluminium in RAL9022 color combined with tempered flat glass cover.

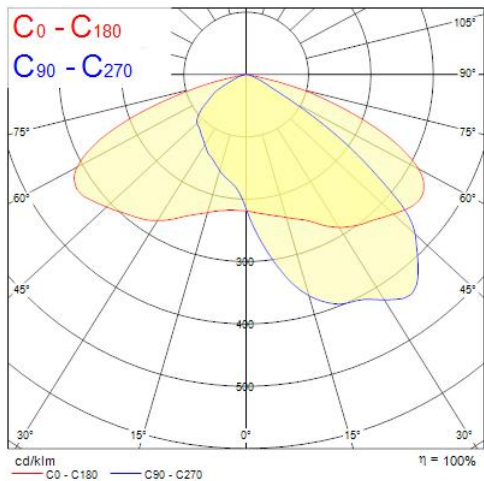
Product Overview

Product name	ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Education, Hospitality, Logistics & Industry, Office, Retail
ETIM Class	EC000062
E-number FI	4579577
Fixture luminous flux (lm)	13200
Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	5
Photobiological Risk Group	RG1

ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
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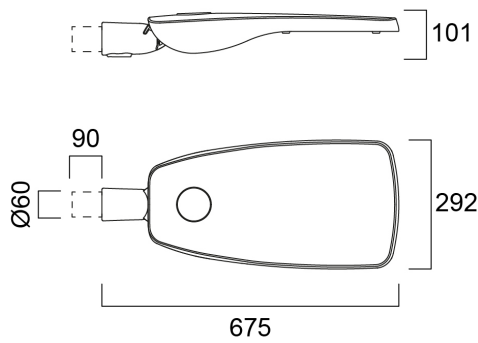
Total power consumption (W)	93
Electrical protection	Class I
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288499789
Warranty	5 years

Photometry



ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
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Technical drawings



Data table

GENERAL DATA

Product name	ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
Technology	LED
Accessory type	Mounting
Cap/Base	N/A
Housing	Aluminium
General application	Education, Hospitality, Logistics & Industry, Office, Retail
Operating temperature range (°C)	-35°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000062
E-number FI	4579577
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	13200
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ZODIAC MEDIUM G2 13KLM 4000K CLI GREY 0049978

Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	5
Distribution type	Asymmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	93
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class I
Control gear required	No
Drive current (mA)	930
Inrush Current (A)	57
Inrush Duration (µs)	210
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	10
Max. products per 13A C Breaker	13
Max. products per 16A C Breaker	16
Max. products per 20A C Breaker	20
Max. products per 10A B Breaker	7
Max. products per 13A B Breaker	9
Max. products per 16A B Breaker	12
Max. products per 20A B Breaker	14
Mains surge immunity (differential mode -> L-N) (kV)	10
Mains surge immunity (common mode -> L/N - GND) (kV)	10

LIFETIME DATA



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Lifespan L70 B50	50000
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PHYSICAL DATA

Housing colour	Grey
IP rating	IP66
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	Glass
Nominal Product Length (mm)	675
Nominal Product Width (mm)	292
Nominal Product Height (mm)	101
Weight (kg)	6.2

PACKAGING

Product EAN number	5410288499789
Packaging single length / height (cm)	73.5
Packaging single width (cm)	31.5
Packaging single depth (cm)	15.0
DUN14 (inner)	05410288499789
Units per outer package	1
Packaging outer length / height (cm)	73.5
Packaging outer width (cm)	31.5
Packaging outer depth (cm)	15.0

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-35-45
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No