

ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
0049978



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 - +50°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.

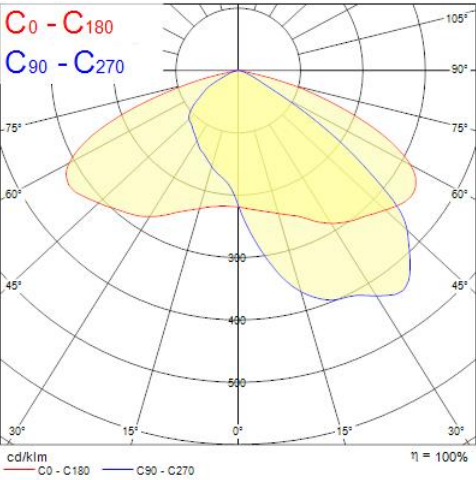
Product Overview

Product name	ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
Technology	LED
Cap/Base	N/A
Housing	Aluminium
E-number FI	4579577
Fixture luminous flux (lm)	13200
Luminaire efficacy (lm/W)	142
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	5
Photobiological Risk Group	RG1
Total power consumption (W)	93
Electrical protection	Class I
LED Flickering Rate	Ultra low (5% or less)

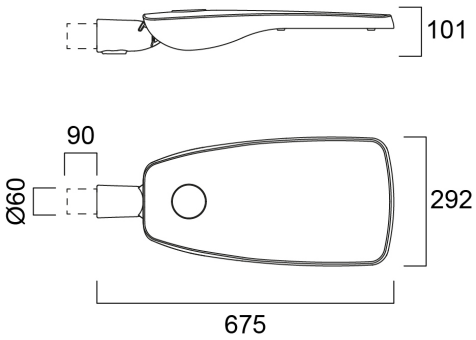
ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
0049978

Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288499789
Warranty	5 years

Photometry



Technical drawings





ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
0049978

Data table

GENERAL DATA

Product name	ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Operating temperature range (°C)	-35°C...+45°C
Performance ambient temperature Tq (°C)	25
E-number FI	4579577
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	13200
Luminaire efficacy (lm/W)	142
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	5
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	93
Primary Supply/Product voltage - min (V)	220
Electrical protection	Class I
Control gear required	No
Drive current (mA)	930
Inrush Current (A)	57
Inrush Duration (µs)	210
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D

ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
0049978

Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	10
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

Lifespan L70 B50	50000
------------------	-------

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
Weight (kg)	6.2

PACKAGING

Single packaging type	Carton
Product EAN number	5410288499789
Packaging single width (cm)	31.5
Packaging single depth (cm)	15.0
DUN14 (outer)	05410288499789
Packaging outer length / height (cm)	73.5

SAFETY DATA

Optimal operating condition (°C)	-35-45
Special purpose lamp	No



ZODIAC MEDIUM G2 13KLM 4000K CLI GREY
0049978

Dry applications use only	No
Suitable for household illumination	No