



ZOE STEP-MARKER IP54

Typology

Die-cast aluminium recessed step-marker.

Features

Extremely compact, indirect lighting, staggered reflective compartment to maximise flux and optics protected from insects.

Installation

Recessed using the springs supplied.

Material

Powder coated die-cast aluminium in three different colours.

Applications

Pathway marker.
Ideal for use on stairs to improve safety.

BASIC

220-240
Vac

Ra >80



15000 h
L70B20

IP54

-25°C
+35°C

Risk
Group 0



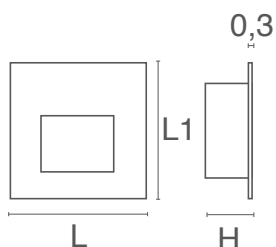
120°



Characteristic data

Power	3 W	Beam	120°	Dimmable	No	Input	220-240 Vac
IP	54	Flux	90 lm	PF	0,51	Tc	4000 K
Ra	>80	LED Warranty	G2	RG	RG0	Color	Black

Dimensional characteristics



L	84 mm
L1	84 mm
H	30 mm

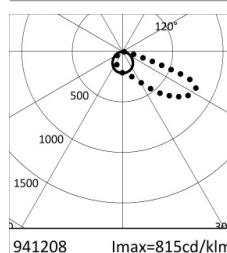
Lighting and photometric features

Beam opening	120°
Flux	90 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	15000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

Electrical characteristics

Rated power	3 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,51
Weighted energy consumption	3 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C

Photometry

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra80		111°	112°			
	Fixture Power	3W	1	2.93	4.61	21	
	Source Flux	90lm	2	5.86	9.22	5	
	Fixture Flux	90lm	3	8.80	13.83	2	
	Efficacy	30lm/W	4	11.73	18.44	1	
941208	I _{max} =815cd/klm	I _{max}	73cd	5	14.66	23.05	1

EulumDat file on the site

LED Warranty

G2	Up to 2 years (4000h/year) * 4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2014/35/EU * LVD
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 60598-1:2022
CEI EN 60598-2-1:2022
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI EN 62493:2015
CEI 34-141:2014

Logistics data

Item net weight	180 gr
Barcode single item	8011905941185
Number of pieces multiple pack	50
Barcode multiple pack	8011905958725
Minimum order quantity	1
Minimum packaging	1 / 50