



## 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.  
The back box is automatically shipped with each item at no additional cost.

**BASIC**

220-240  
Vac

Ra >80



15000 h  
L70B20

IP54

-25°C  
+35°C

Risk  
Group 0



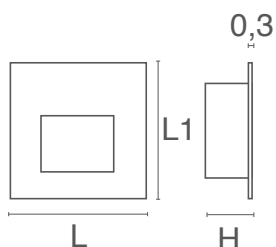
120°



### Characteristic data

Power	3 W	Beam	120°	Dimmable	No	Input	220-240 Vac
IP	54	Flux	90 lm	PF	0,51	Tc	3000 K
Ra	>80	LED Warranty	G2	RG	RG0	Color	White

### 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	3000 K
Colour of the light	Warm 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

## 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.
----	--

## 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	8011905941178
Number of pieces multiple pack	50
Barcode multiple pack	8011905958688
Minimum order quantity	1
Minimum packaging	1 / 50

All parts of this document are Duralamp ownership. All rights reserved. This document and the included information are provided without any responsibility deriving from mistakes or omissions. No part of this document can be cut, reproduced or used without written authorization. Duralamp maintains the right to change the included data without notice due to improvements of the products