

## 242400CCT

### ERITEA LED DOWNLIGHT WITH ADJUSTABLE CUT-OUT 24W CCT

Recessed LED downlight Eritea with adjustable cut-out (Minimum 45mm maximum 155mm). 24W power and 2640lm luminous flux. Symmetrical 120° beam angle and 3 selectable colour temperatures via DIP switch driver. Protection rating against external elements IP44 and mechanical resistance rating IK06. Aluminium housing in white finish and polypropylene diffuser with opal finish.



#### PRODUCT SPECIFICATIONS

Item code:	242400CCT
Description:	Recessed LED downlight with adjustable cut-out
EAN13 code:	8435724905003

#### ELECTRICAL DATA

Power:	24w
Voltage:	220-240VAC
Frequency:	50-60Hz
Power factor:	0,5
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L+N

#### LUMINOUS DATA

Color temperature:	Selectable CCT 5700K/4000K/3000K
Luminous efficiency:	110 lm/w
Lumens:	2640lm
LED chip brand:	Lumileds
LED chip model:	SMD 2835
N° of LED chip:	x288
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard desviation of colour matching:	<4

Luminous maintenance factor:	L90
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

## TECHNICAL DATA

Protection rating:	<b>IP44 (Equipment protected against objects &gt; 1 mm and water splashes)</b>
Impact rating:	<b>IK06 (1J)</b>
Operating temperature:	<b>-20°~50°</b>
Mounting type:	<b>Recessed mounting</b>

## AVERAGE LIFESPAN

Working hours:	<b>45000 hrs</b>
Switch cycles:	<b>35000 ON/OFF</b>

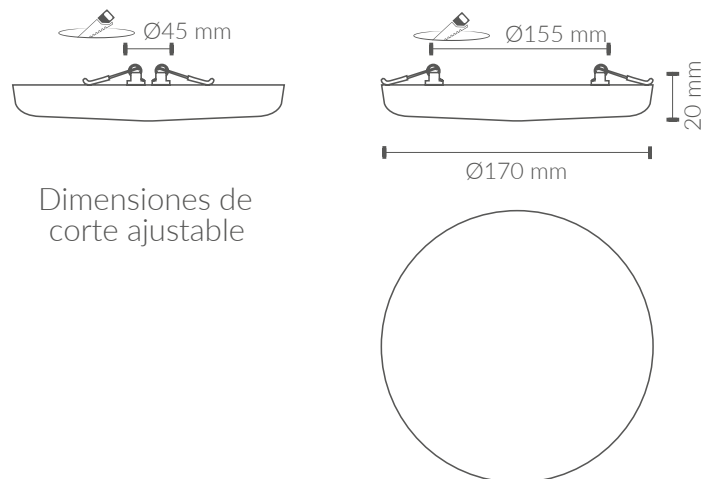
## PHYSICAL DATA

<b>Housing</b>	
Material:	<b>Aluminium</b>
Finish:	<b>White</b>
<b>Difusor</b>	
Material:	<b>Polypropylene</b>
Finish:	<b>Opal</b>
<b>Weight</b>	
Weight:	<b>0,088 kg</b>

## ENERGY EFFICIENCY 2023(UE-2019/2015)

**F**

## DIMENSIONS



**EMC Directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY**

- EN IEC 55015** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN 61547:** Equipment for general lighting purposes - EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current =16 A per phase).
- EN 61000-3-3** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection.

**LVD Directive 2014/35/EU LOW VOLTAGE**

- EN 60598-2-1** Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires
- EN 60598-1** Luminaires - Part 1: General requirements and tests.

**RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863**

Determination of certain substances in electrotechnical products.

- IEC 62321-1**            **IEC 62321-3-1**
- IEC 62321-4**            **IEC 62321-5**
- IEC 62321-6**            **IEC 62321-7-1**
- IEC62321-7-2**        **IEC 62321-8**

