TECHNICAL DATA

242400CW

ERITEA LED DOWNLIGHT WITH ADJUSTABLE CUT-OUT 24W 5700K

Eritea recessed LED downlight with adjustable cut-out (minimum 50mm, maximum 155mm). 24W power and 2520lm luminous flux. 180° optical opening with symmetrical light distribution, and colour temperature 5700K. IP44 protection rating on the exterior and IP20 on the interior, and IK06 mechanical impact resistance rating. Made of aluminium and polypropylene with opal finish.

PRODUCT SPECIFICATIONS

Item code:	242400CW
Description:	Recessed LED downlight with adjustable cut-out
EAN13 code:	8436568447209

ELECTRICAL DATA

Power:	24w
Voltage:	100/240vac
Frequency:	50~60 Hz
Power factor:	0,5
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L/N

LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	110 lm/w
Lumens:	2520lm
LED chip brand:	Lumileds
LED chip model:	SMD2835
Beam angle:	180°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard desviation of colour matching:	<6
Luminous maintenance factor:	L95B10

Flicker index:	**≤1,0**
SVM (Stroboscopic Visibility Measure):	**≤0,4**

TECHNICAL DATA

Protection rating (Indoor):	**IP20 (Equipment protected against objects >12mm in diameter)**
Protection rating (Outdoor):	**IP44 (Equipment protected against objects larger than 1 mm and splashing water)**
Impact rating:	**IK06 (1J)**
Operating temperature:	**-20°~50°**
Mounting type:	**Recessed mounting**

AVERAGE LIFESPAN

Working hours:	**30000 hrs**
Switch cycles:	**25000 ON/OFF**

PHYSICAL DATA

Housing

Material:	**Aluminum**
Finish:	**White**

Difusor

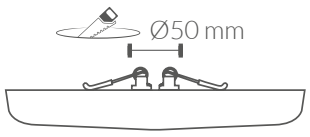
Material:	**Polypropylene**
Finish:	**Opal**

Weight

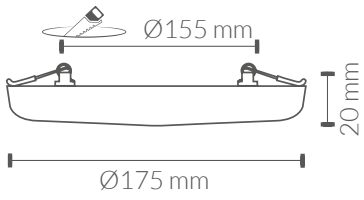
Weight:	**0,088 kg**

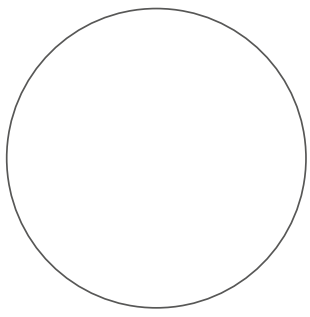
ENERGY EFFICIENCY 2023(UE-2019/2015) F

DIMENSIONS

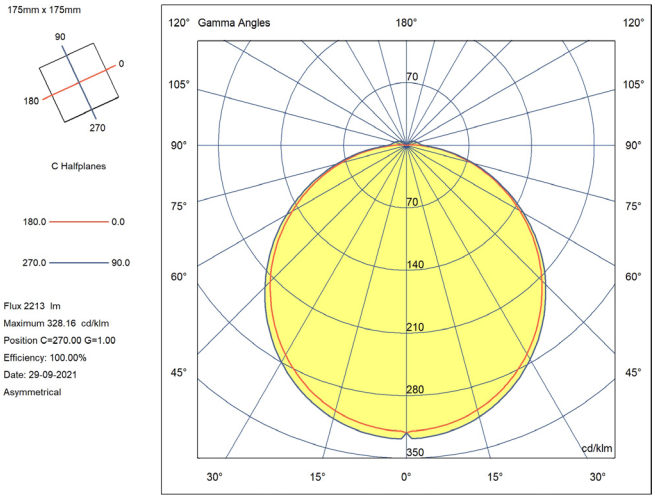


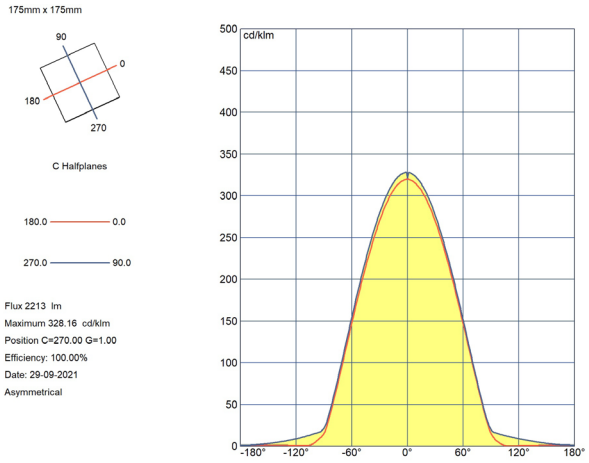
Dimensiones de corte ajustable





LUMINOUS INTENSITY DISTRIBUTION CURVE





CERTIFICATIONS

CE & ROHS

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 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 <= 16 A per phase and not subject to conditional connection.
EN 61547:	Equipment for general lighting purposes - EMC immunity requirements.

LVD Directive 2014/35/EU LOW VOLTAGE

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

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**

CE RoHS