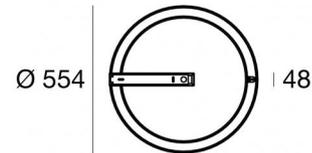
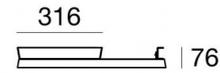
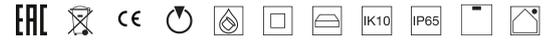


Ceiling Downlights | 220-240 V
312 topLED 24 W DC - 29 W AC | CRI 80
9324



Technical data	
Designer	Linea Light
Construction year	2020
Type	Ceiling Downlights
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	24 W DC
Total Power	29 W
Source lumens	3924 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK10
Glow wire test	960°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	Yes
Type of light emission	Single emission
Net weight	2.5 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV

Finishing casing

Material	Iron
Colour	Dark brown
Processing	Coating

Finishing diffuser

Material	PU
Colour	opaline

Finishing mounting frame

Material	Iron
Colour	Dark brown
Processing	Coating

Ceiling Downlights | 220-240 V | 312 topLED 24 W DC - 29 W AC | CRI 80 | Base
9324

Single emission ceiling downlights for outdoor application. The warm white LED light source with a diffused light distribution is composed of 312 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3924 lm, with a 163.5 lm/W nominal luminous efficacy.

The device body is made of iron and features a dark brown finish, processed by means of coating; the diffuser is made of pu; the mounting frame is made of iron, with a dark brown finish, processed by means of coating.

The ingress protection degree is IP65; the total weight is of 2.5 kg.

The total absorbed power is 29 W

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	35 %
Source lumens	3924 lm
Delivered lumens	1402 lm
Consumption	29 W
Luminaire efficacy	48 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

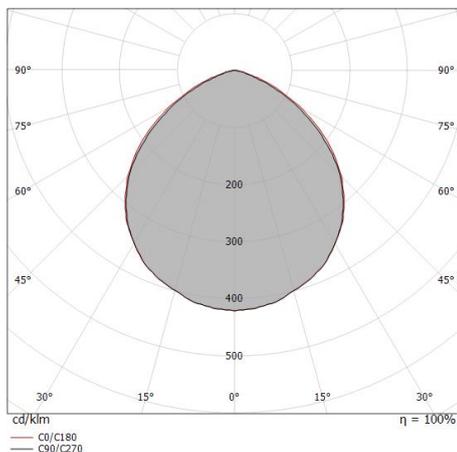
L70 B20 C0 72500h

UGR

UGR axial	15.5
UGR transversal	15.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	101°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.22 1.26	2360	50.6°	303	285
1.0	2.43 2.51	590	50.6°	76	71
1.5	3.65 3.77	262	50.6°	34	32
2.0	4.87 5.03	148	50.6°	19	18
2.5	6.09 6.29	94	50.6°	12	11
3.0	7.30 7.54	66	50.6°	8	8

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 103.0°)
— C90/C270 (Half-peak divergence: 101.2°)