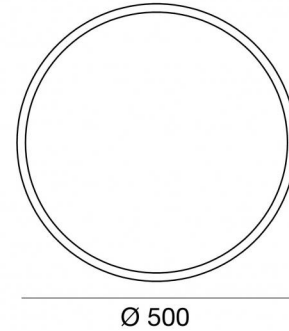
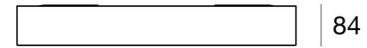




Ceiling Lights | 220-240 V
160 topLED 42 W DC - 48 W AC | CRI 80
8242N



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	42 W DC
Total Power	48 W
Source lumens	5568 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	650°
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	No
Type of light emission	Single emission
Net weight	4.3 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron
Colour	Embossed white RAL 9003
Processing	Coating

Finishing diffuser	
Material	PMMA
Colour	opaline
Processing	Satin finishing



Ceiling Lights | 220-240 V | 160 topLED 42 W DC - 48 W AC | CRI 80 | Base 8242N

Single emission ceiling lights for indoor application. The natural white LED light source with a diffused light distribution is composed of 160 topped LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 5568 lm, with a 132.6 lm/W nominal luminous efficacy.

The device body is made of iron and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pmma with a satin finishing treatment. The ingress protection degree is IP40; the total weight is of 4.3 kg.

The total absorbed power is 48 W.

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

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

Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	77 %
Source lumens	5568 lm
Delivered lumens	4325 lm
Consumption	48 W
Luminaire efficacy	90 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

LED Life / Failure Ratio

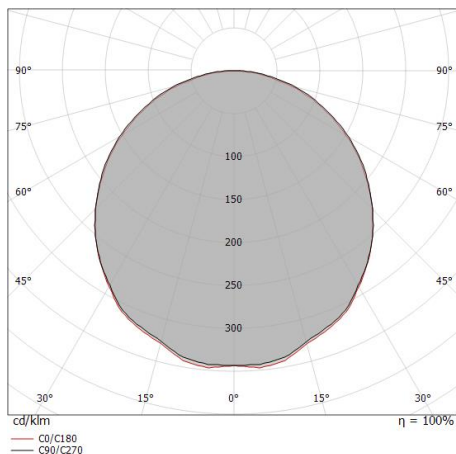
L70 B20 C0 72500h

UGR

UGR axial	20.8
UGR transversal	20.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	112°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.52 1.47	E(0°) 5937 E(C90) 496 E(C0) 534
1.0	3.03 2.94	E(0°) 1484 E(C90) 124 E(C0) 134
1.5	4.55 4.41	E(0°) 660 E(C90) 55 E(C0) 59
2.0	6.07 5.88	E(0°) 371 E(C90) 31 E(C0) 33
2.5	7.58 7.36	E(0°) 237 E(C90) 20 E(C0) 21
3.0	9.10 8.83	E(0°) 165 E(C90) 14 E(C0) 15

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 111.6°)
— C90/C270 (Half-peak divergence: 113.2°)



Box_SR | Ceiling Lights | Accessories
8242N



Dimmer
220-240V

Code

KIT0026