# Skylum\_Q

Ceiling Downlights | 198-264 V AC /176-280 V DC | 729 topLED 160 W DC - 172 W AC | CRI 80

### 84278W00





56.5	
1250	
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Technical data	
Туре	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	160 W DC
Total Power	172 W
Source lumens	29059 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2 - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Electrostatic discharge protection	Yes
Surge protection	Yes

Finishing casin	I	
Material	Aluminium 6060	
Colour	Black	
Processing	Powder coating	

#### Finishing diffuser

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Material	Technical fabric	
Colour	Opal white	

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### Ceiling Downlights | 198-264 V AC /176-280 V DC | 729 topLED 160 W DC - 172 W AC | CRI 80 | Base 84278W00

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 729 topled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 29059 lm, with a 181.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of technical fabric. The ingress protection degree is IP40;

The total absorbed power is 172 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 a light source of energy efficiency class D.

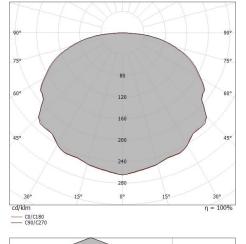
Illuminotechnical Features	
Light Output Ratio (LOR)	70 %
Source lumens	29059 lm
Delivered lumens	20546 lm
Consumption	172 W
Luminaire efficacy	119 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C

### LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25 )

UGR	
UGR axial	24.1
UGR transversal	23.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	137°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m] f-peak divergence: 137.0°)		Illumin	ance [lx]
3.0	15.80 15.23	E(0°) E(C90) E(C0)	69.2° 68.5°	605 14 15
2.5	13.16 12.69	E(0°) E(C90) E(C0)	69.2° 68.5°	871 20 21
2.0	10.53 10.15	E(0°) E(C90) E(C0)	69.2° 68.5°	1361 30 34
1.5	7.90 7.62	E(0°) E(C90) E(C0)	69.2° 68.5°	2419 54 60
1.0	5.27 5.08	E(0°) E(C90) E(C0)	69.2° 68.5°	5442 122 134
0.5	2.63 2.54	E(C90) E(C90) E(C0)	69.2° 68.5°	21770 488 537

C0/C180 (Half-peak divergence: 137.0°)
C90/C270 (Half-peak divergence: 138.4°)