

Потолочный светильник | 198-264 V AC /176-280 V DC | 729 topLED 160 W DC - 172 W AC |
CRI 80
84278W00

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 729 topLEDs 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.

Класс энергоэффективности

Этот продукт содержит источник света класса энергоэффективности D .

Иlluminotechnical Особенности

Light Output Ratio (LOR)	70 %
Световой поток (источник)	29059 lm
Световой поток светильника	20546 lm
Consumption	172 W
КПД светильника	119 lm/W
Температура цвета	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Коэффициент цветопередачи	80 Ra
Стандартная температура рабочей среды	-20 / +50°C

LED Life / Failure Ratio

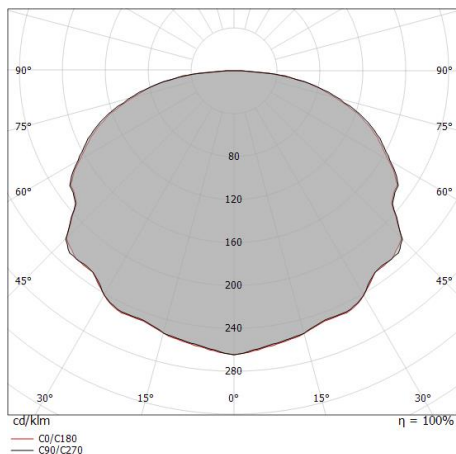
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

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

OPTICAL

Оптика C0/C180	137°
Light distribution simmetry	Symmetrical



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

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