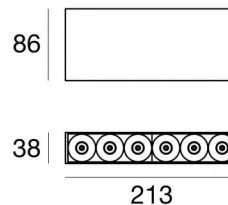
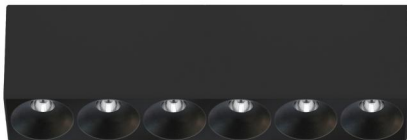




Ceiling Downlights | 198-264 V
6 x powerLEDs 9 W DC - 11 W AC | CRI 90
65193M15



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Spot
Light emission direction	downward
Nominal power	9 W DC
Total Power	11 W
Source lumens	1020 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
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	Yes
Cable length	0.170 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.700 Kg
Electrostatic discharge protection	4 KV
Surge protection	2 KV
Product technological characteristics	TVS

Finishing casing	
Material	Aluminium 6060 - PC
Colour	Black - black
Processing	Powder coating

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	chrome
Processing	Metallization

Cables Electrification	
Cable connector	No



Ceiling Downlights | 198-264 V | 6 x powerLEDs 9 W DC - 11 W AC | CRI 90 | Base
65193M15

Single emission ceiling downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 6 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1020 lm, with a 113.3 lm/W nominal luminous efficacy.

The device body is made of PC and features a black finish. The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate with a metallization treatment. The ingress protection degree is IP20; the total weight is of 0.700 kg.

The total absorbed power is 11 W. The power supply cable is included and features a 0.170 m length.

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 2 light sources of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	1020 lm
Delivered lumens	644 lm
Consumption	11 W
Luminaire efficacy	58 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

UGR axial	3.9
UGR transversal	4.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	12°
Light distribution symmetry	Symmetrical

