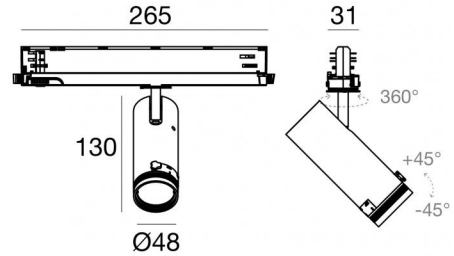




Projectors | 176-264 V
1 arrayLED 13 W DC - 15.5 W AC | CRI 98
82422M85



Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Adjustable
Light emission direction	frontal
Power	13 W
Source lumens	1148 lm
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	98 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	DALI-2 - PUSH DIM
Directional	Swivelling
total angle (vertical plane)	90 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.390 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV
Optics technology	Anti - Glare
Ordinary temperature on the glass	40 °C

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	embossed white RAL 9003
Processing	Powder coating

Projectors | 176-264 V | 1 arrayLED 13 W DC - 15.5 W AC | CRI 98 | Angle Max
82422M85

Single emission projectors for indoor application. The super warm LED light source with a adjustable light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 1148 lm, with a 88.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a embossed white ral 9003 finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.390 kg.

The total absorbed power is 13 W.

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

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

Illuminotechnical Features

Light Output Ratio (LOR)	35 %
Source lumens	1148 lm
Delivered lumens	402.28 lm
Consumption	16 W
Luminaire efficacy	25 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On

LED Life / Failure Ratio

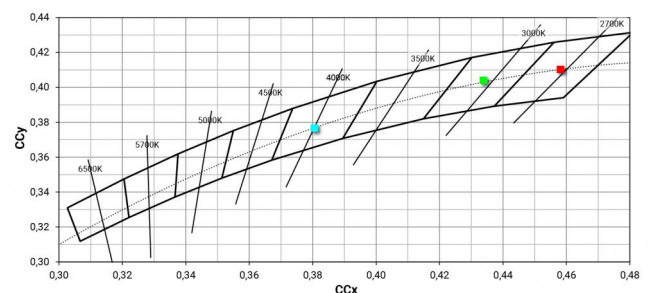
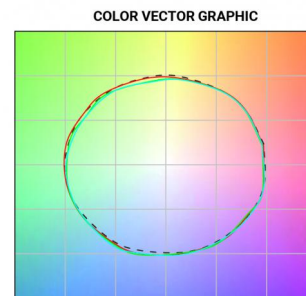
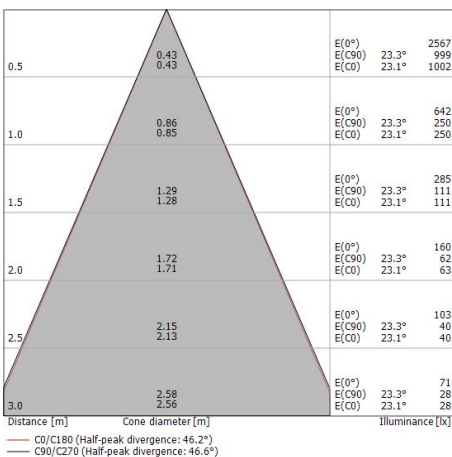
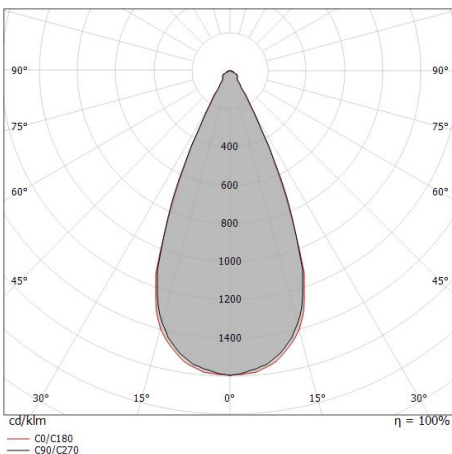
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	22.3
UGR transversal	22.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	46°





Projectors | 176-264 V | 1 arrayLED 13 W DC - 15.5 W AC | CRI 98 | Angle Min

82422M85

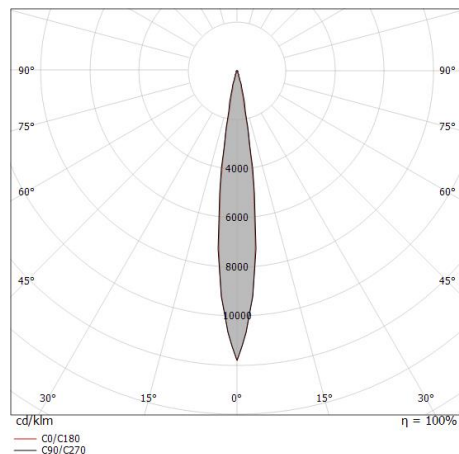
Single emission projectors for indoor application. The super warm LED light source with an adjustable light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 1148 lm, with a 88.3 lm/W nominal luminous efficacy.

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



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.13 0.12	8222	4047	4041
1.0	0.25 0.25	2056	1012	1010
1.5	0.38 0.37	914	450	449
2.0	0.51 0.49	514	253	253
2.5	0.63 0.61	329	162	162
3.0	0.76 0.74	228	112	112

— C0/C180 (Half-peak divergence: 14.0°)
— C90/C270 (Half-peak divergence: 14.4°)

Illuminotechnical Features

Light Output Ratio (LOR)	15 %
Source lumens	1148 lm
Delivered lumens	174.22 lm
Consumption	16 W
Luminaire efficacy	11 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	16
UGR transversal	15.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	14°

