

CHOCM-R 171.830.80.02/DALI



Description

- rectangular recessed luminaire with wide range of applications and very low installation depth
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management via housing
- integrated high-tech lenses made from acrylic glass with black louvre optics for high luminous efficiency and glare-free lighting
- symmetrical and wide-beam light distribution
- housing made from sheet steel
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) included (external placement)

Notes

Required installation space: L x B x H = 400 x 235 x 50 mm.

Standard options



Special options



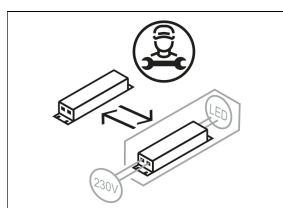
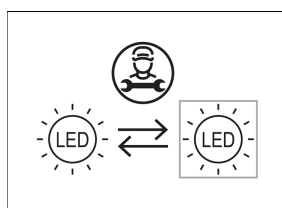
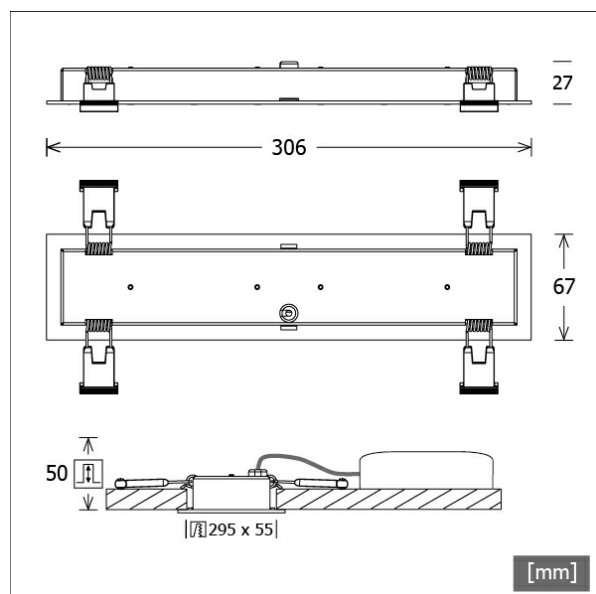
Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
EPREL light sources	1226339
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	12.7 W
System power	1400 lm
Luminaire luminous flux	110.23 lm/W
System efficiency	191.97 lm/W
Module efficiency	≤19
UGR class	80°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	II
Protection class	IP20
Type of protection	

Dimensions / Weights

Length	306 mm
Width	67 mm
Height	27 mm
Cut-out (LxW)	295 x 55 mm
Ceiling thickness	1.0 - 15.0 mm
Recessed depth	50 mm
Net weight	0.76 kg
Gross weight	0.81 kg

Colours	Article no.	EAN
silver	665590	4043544748867
black	665591	4043544748874
white	665592	4043544748881

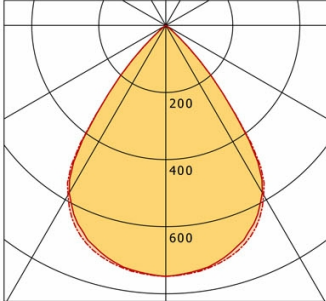


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Choc | Recessed (1xLED 13W 830/3000K 1400lm)

— C0/C180 cd / 1000 lm - - - C90/C270



	C0	C90	C180	C270
0°	748	748	748	748
15°	710	718	710	718
30°	576	584	576	584
45°	120	114	120	114
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

	C0-C180 Plane	C90-C270 Plane	
3.0	4.53 4.56		116.4
6.0	9.06 9.13		29.1
9.0	13.59 13.69		12.9
12.0	18.12 18.25		7.3
15.0	22.65 22.81		4.7

η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	13 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.8
UGR C90/C270	18.8
CIE Flux Codes	89 100 100 100 100
Ra/CRI	>80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting