

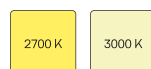
VTFM-R 101.840/DALI



Description

- recessed downlight for general lighting
- very low installation depth
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling
- front/recessed ring and heat sink made from die-cast aluminium
- microprism diffuser opal
- 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)

Standard options

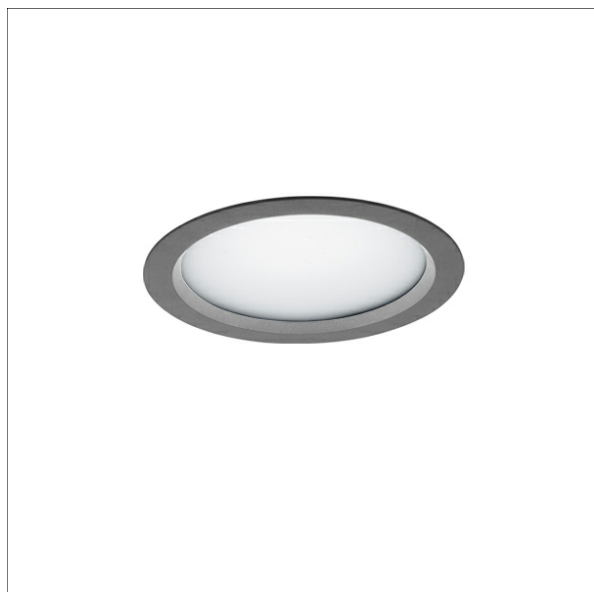


Lighting data / Norms

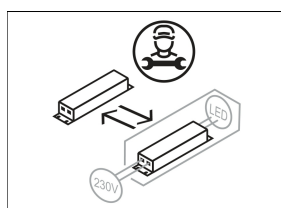
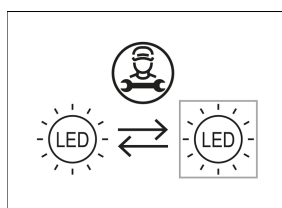
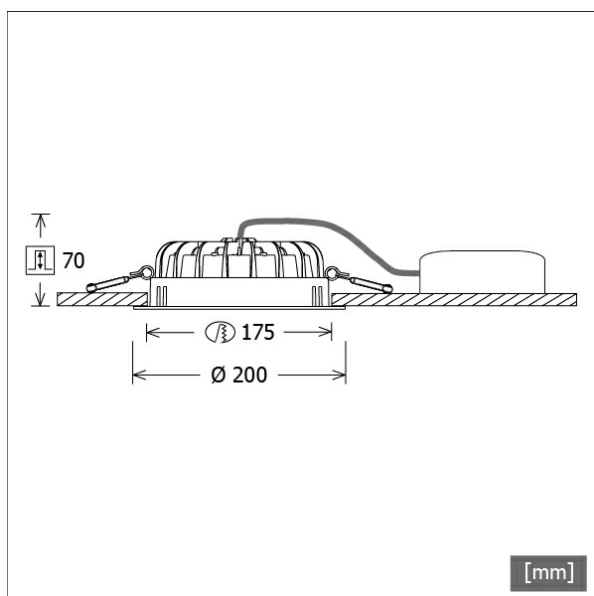
Lamps	LED Modul / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	20.4 W
Luminaire luminous flux	1840 lm
System efficiency	90.19 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP44

Dimensions / Weights

Outer diameter	200 mm
Height	73 mm
Cut-out (Ø)	175 mm
Ceiling thickness	1.0 - 20.0 mm
Recessed depth	70 mm
Net weight	0.92 kg
Gross weight	1.02 kg

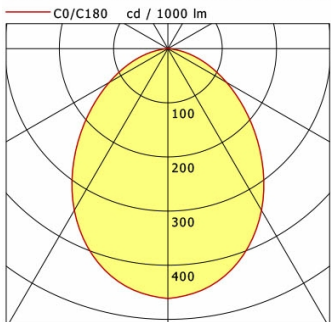


Colours	Article no.	EAN
black	641457	4043544459039
silver	641458	4043544459046
white	641459	4043544459053



VTFM-R 101.840/DALI

Vale-Tu Flat Medium | Recessed (1xLED 20W 840/4000K 1840lm)



	C0	C90	C180	C270
0°	462	462	462	462
15°	429	429	429	429
30°	345	345	345	345
45°	230	230	230	230
60°	125	125	125	125
75°	45	45	45	45
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.99	94.4
6.0	11.98	23.6
9.0	17.97	10.5
12.0	23.96	5.9
15.0	29.95	3.8

η	LED
Efficiency	92 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.6
UGR C90/C270	26.6
CIE Flux Codes	56 85 98 100 100
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



ZDAR 175.215-275
compensation ring for ceiling cut-outs from 215 to 275 mm