

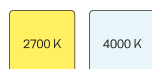
# VTFM-R 101.830/DALI



## 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

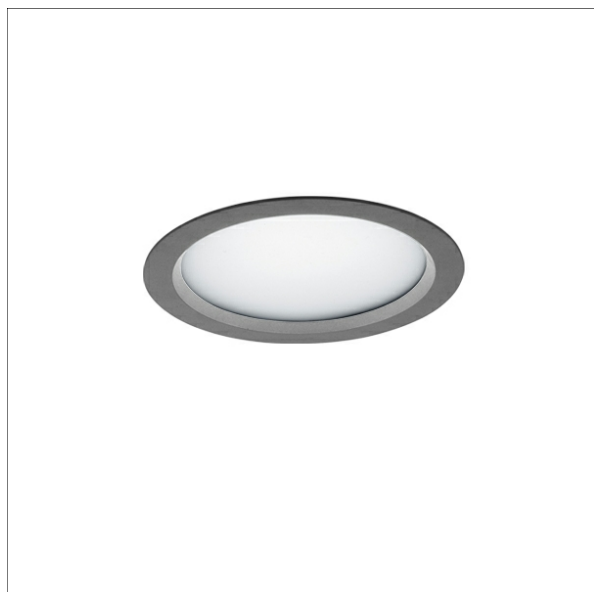


## Lighting data / Norms

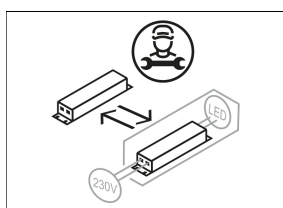
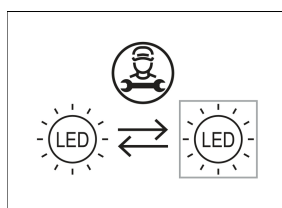
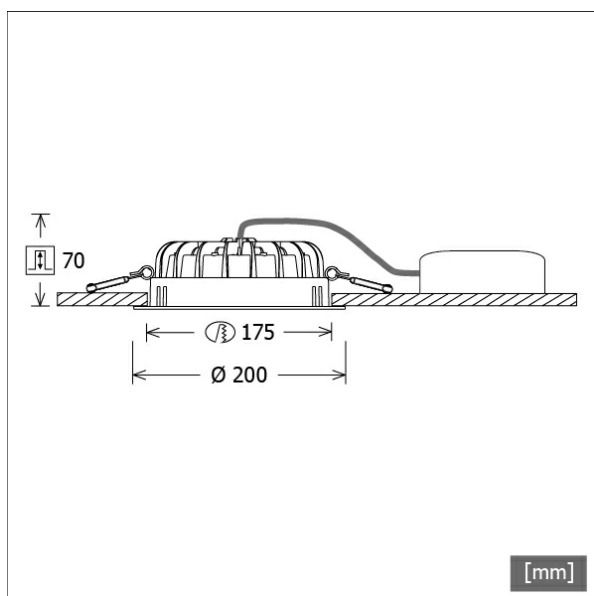
<b>Lamps</b>	LED Modul / CRI 80 / 3000 K
<b>Lifetime</b>	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
<b>System power</b>	20.4 W
<b>Luminaire luminous flux</b>	1760 lm
<b>System efficiency</b>	86.27 lm/W
<b>UGR class</b>	≤28
<b>Supply voltage</b>	220 - 240 V / 50 - 60 Hz
<b>Protection class</b>	II
<b>Type of protection</b>	IP44

## Dimensions / Weights

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



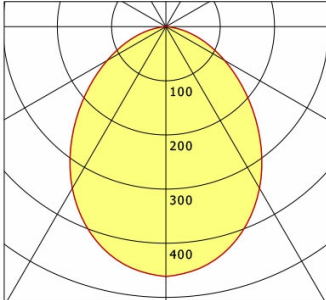
Colours	Article no.	EAN
black	641451	4043544458971
silver	641452	4043544458988
white	641453	4043544458995



# VTFM-R 101.830/DALI

Vale-Tu Flat Medium | Recessed (1xLED 20W 830/3000K 1760lm)

C0/C180 cd / 1000 lm



	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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.99	90.3
6.0	11.98	22.6
9.0	17.97	10.0
12.0	23.96	5.6
15.0	29.95	3.6

<b>η</b>	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.4
UGR C90/C270	26.4
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