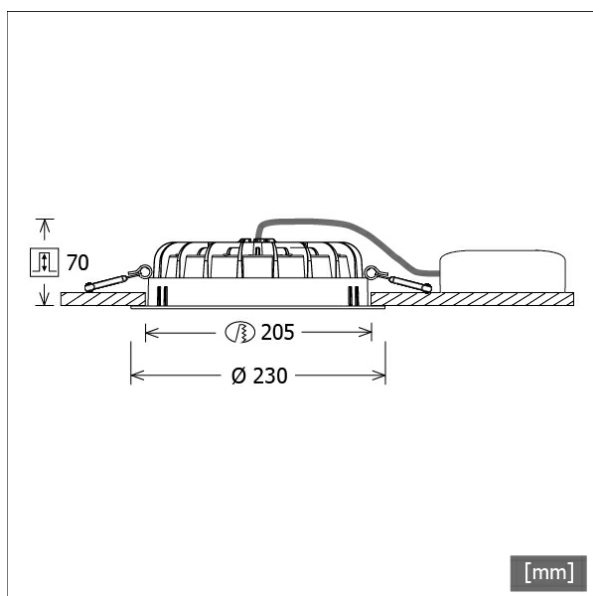


# VTFL-R 102.827/DALI



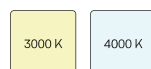
Colours	Article no.	EAN
black	641427	4043544458735
silver	641428	4043544458742
white	641429	4043544458759



## 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

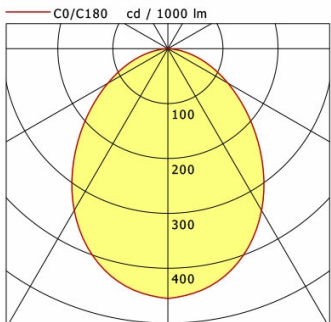
<b>Lamps</b>	LED Modul / CRI 80 / 2700 K
<b>Lifetime</b>	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
<b>System power</b>	31.0 W
<b>Luminaire luminous flux</b>	2780 lm
<b>System efficiency</b>	89.67 lm/W
<b>UGR class</b>	≤28
<b>Supply voltage</b>	220 - 240 V / 50 - 60 Hz
<b>Protection class</b>	II
<b>Type of protection</b>	IP44

## Dimensions / Weights

<b>Outer diameter</b>	230 mm
<b>Height</b>	73 mm
<b>Cut-out (Ø)</b>	205 mm
<b>Ceiling thickness</b>	1.0 - 20.0 mm
<b>Recessed depth</b>	70 mm
<b>Net weight</b>	1.01 kg
<b>Gross weight</b>	1.15 kg

# VTFL-R 102.827/DALI

Vale-Tu Flat Large | Recessed (1xLED 31W 827/2700K 2780lm)



	C0	C90	C180	C270
0°	455	455	455	455
15°	423	423	423	423
30°	340	340	340	340
45°	228	228	228	228
60°	126	126	126	126
75°	49	49	49	49
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.01	140.6
6.0	12.02	35.1
9.0	18.04	15.6
12.0	24.05	8.8
15.0	30.06	5.6

<b>η</b>	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	31 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.1
UGR C90/C270	27.1
CIE Flux Codes	55 84 97 100 100
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 207.250-310**  
compensation ring for ceiling cut-outs from 250 to 310 mm