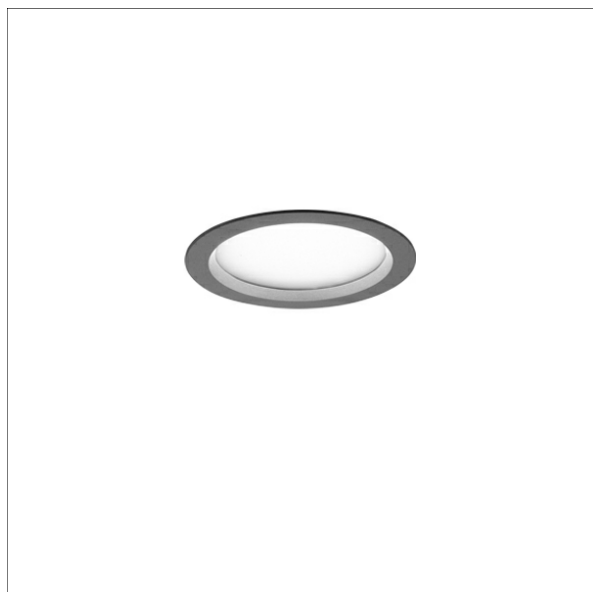
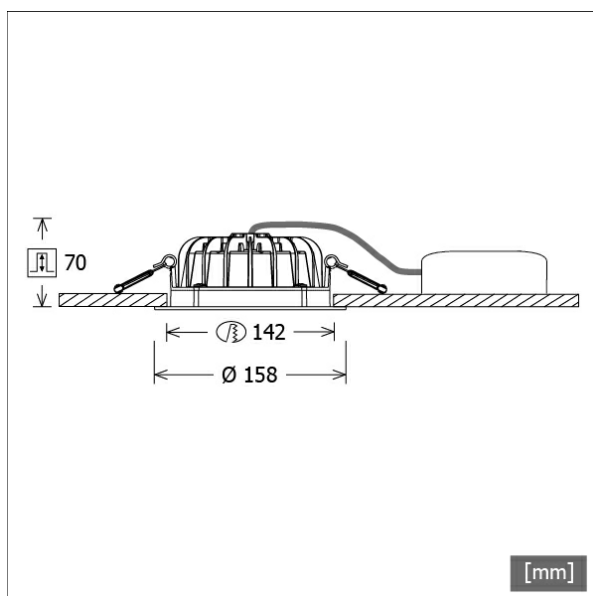




# VTFS-R 101.830/DALI



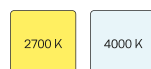
Colours	Article no.	EAN
black	641469	4043544459152
silver	641470	4043544459169
white	641471	4043544459176



## 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

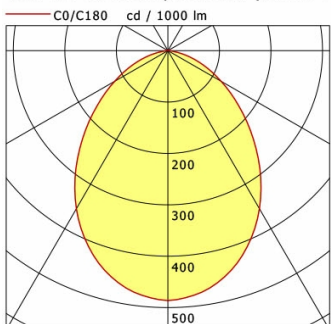
<b>Lamps</b>	LED Modul / CRI 80 / 3000 K
<b>Lifetime</b>	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
<b>System power</b>	14.3 W
<b>Luminaire luminous flux</b>	1070 lm
<b>System efficiency</b>	74.82 lm/W
<b>UGR class</b>	≤28
<b>Supply voltage</b>	220 - 240 V / 50 - 60 Hz
<b>Protection class</b>	II
<b>Type of protection</b>	IP44

## Dimensions / Weights

<b>Outer diameter</b>	158 mm
<b>Height</b>	73 mm
<b>Cut-out (Ø)</b>	142 mm
<b>Ceiling thickness</b>	1.0 - 25.0 mm
<b>Recessed depth</b>	70 mm
<b>Net weight</b>	0.68 kg
<b>Gross weight</b>	0.72 kg

# VTFS-R 101.830/DALI

Vale-Tu Flat Small | Recessed (1xLED 14W 830/3000K 1070lm)



	C0	C90	C180	C270
0°	486	486	486	486
15°	449	449	449	449
30°	355	355	355	355
45°	230	230	230	230
60°	119	119	119	119
75°	39	39	39	39
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.68	57.8
6.0	11.37	14.5
9.0	17.05	6.4
12.0	22.74	3.6
15.0	28.42	2.3

<b>η</b>	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.0
UGR C90/C270	26.0
CIE Flux Codes	58 86 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 145.165-225**  
compensation ring for ceiling cut-outs from 165 to 225 mm