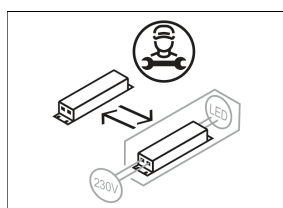
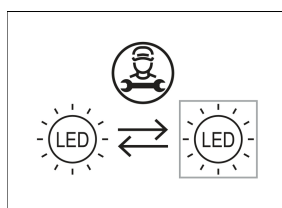
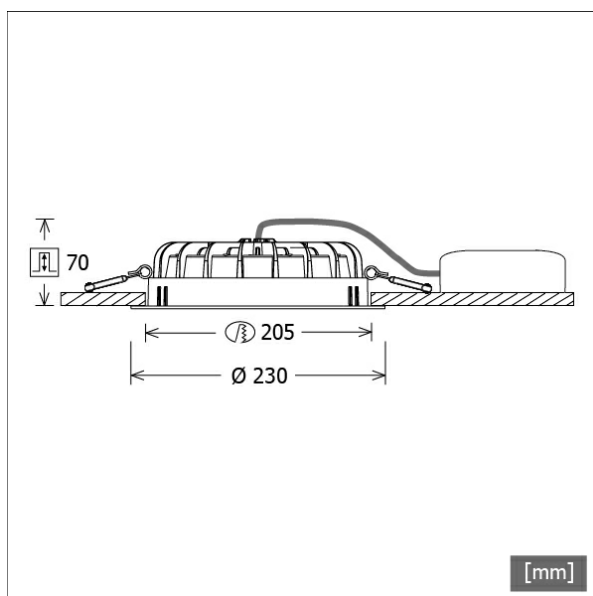


VTFL-R 102.840



Colours	Article no.	EAN
black	641436	4043544458827
silver	641437	4043544458834
white	641438	4043544458841



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) 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	31.0 W
Luminaire luminous flux	2990 lm
System efficiency	96.45 lm/W
UGR class	≤28
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP44

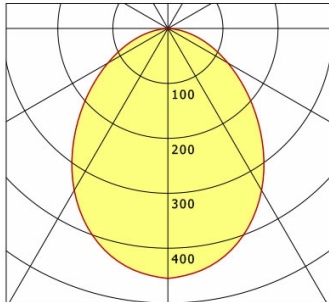
Dimensions / Weights

Outer diameter	230 mm
Height	73 mm
Cut-out (Ø)	205 mm
Ceiling thickness	1.0 - 20.0 mm
Recessed depth	70 mm
Net weight	1.00 kg
Gross weight	1.10 kg

VTFL-R 102.840

Vale-Tu Flat Large | Recessed (1xLED 31W 840/4000K 2990lm)

C0/C180 cd / 1000 lm



	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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.01	151.2
6.0	12.02	37.8
9.0	18.04	16.8
12.0	24.05	9.5
15.0	30.06	6.0

η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	31 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.3
UGR C90/C270	27.3
CIE Flux Codes	55 84 97 100 100
Ra/CRI	>80

LTS

Accessories



ZDAR 207.250-310
compensation ring for ceiling cut-outs from 250 to 310 mm