

VTFS-R 101.830



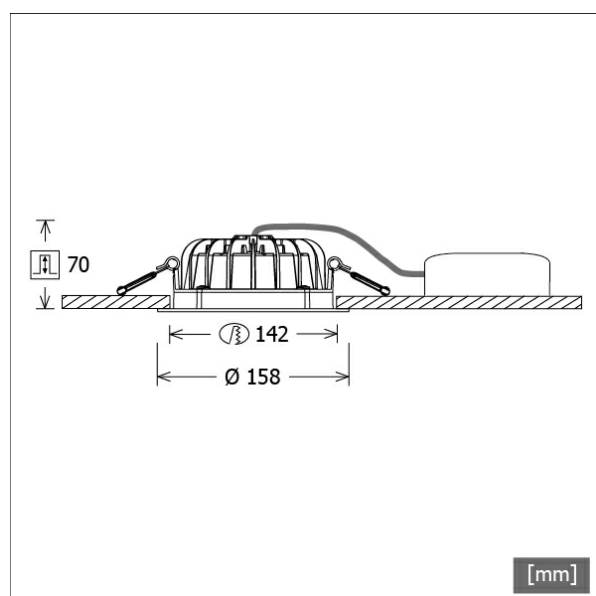
Description

- 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



Colours	Article no.	EAN
black	641466	4043544459121
silver	641467	4043544459138
white	641468	4043544459145

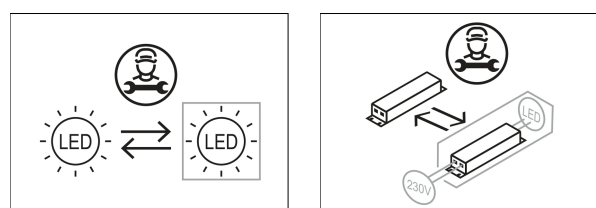


Lighting data / Norms

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

Dimensions / Weights

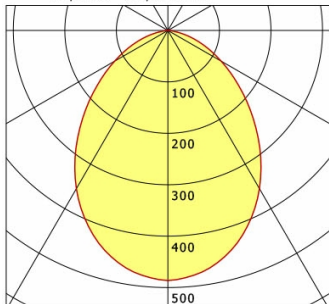
Outer diameter	158 mm
Height	73 mm
Cut-out (Ø)	142 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	70 mm
Net weight	0.65 kg
Gross weight	0.68 kg



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

C0/C180 cd / 1000 lm



	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]

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

η	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	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



ZDAR 145.165-225
compensation ring for ceiling cut-outs from 165 to 225 mm