

# VTRM 13.0540.25/DALI



## Description

- recessed spotlight with round recessed funnel
- reflector lens pivots through 20°
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling
- recessed funnel and heat sink made from die-cast aluminium
- high-tech reflector lens made from PMMA for high luminous efficiency and glare-free lighting
- 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



Colours	Article no.	EAN
white	641918	4043544462473

## Special options

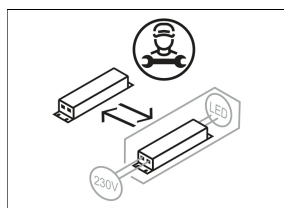
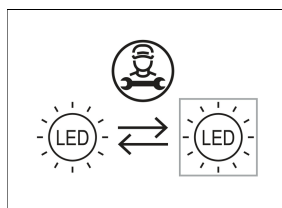
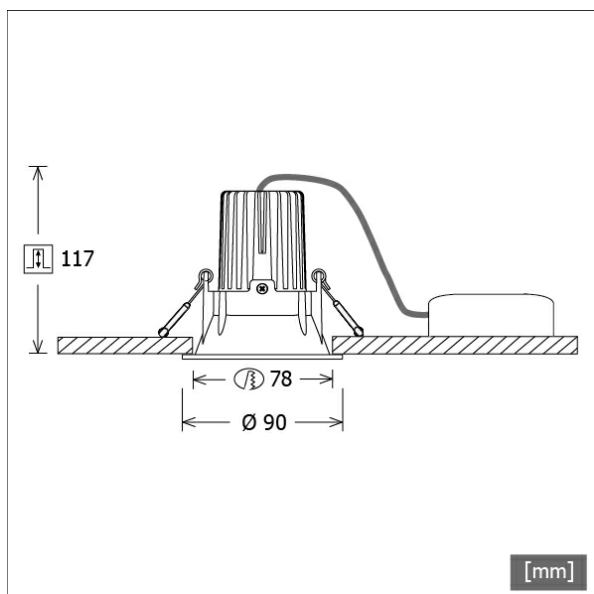


## Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	871846
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	1130 lm
System efficiency	94.16 lm/W
Module efficiency	132.06 lm/W
UGR class	≤19
Beam range	Medium Flood
Beam angle	27°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP40

## Dimensions / Weights

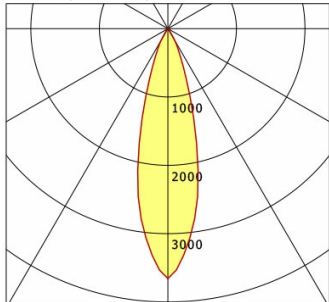
Outer diameter	90 mm
Height	103 mm
Cut-out (Ø)	78 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	117 mm
Diameter of light head	50 mm
Net weight	0.53 kg
Gross weight	0.59 kg



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Vale-Tu Round Medium (1xLED 12W 840/4000K 1130lm)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3657	3657	3657	3657
15°	1545	1545	1545	1545
30°	207	207	207	207
45°	30	30	30	30
60°	15	15	15	15
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.44	459.1
6.0	2.88	114.8
9.0	4.33	51.0
12.0	5.77	28.7
15.0	7.21	18.4

<b>η</b>	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.7
UGR C90/C270	18.7
CIE Flux Codes	95 99 100 100 100
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