

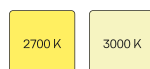
VTSM 13.0540.25/DALI



Description

- recessed spotlight with square 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)
- connection to ballast via luminaire cable with Mini-Clamp connector
- ballast (LED converter DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

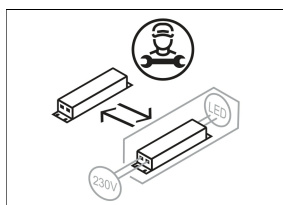
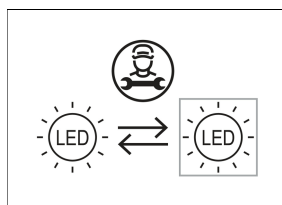
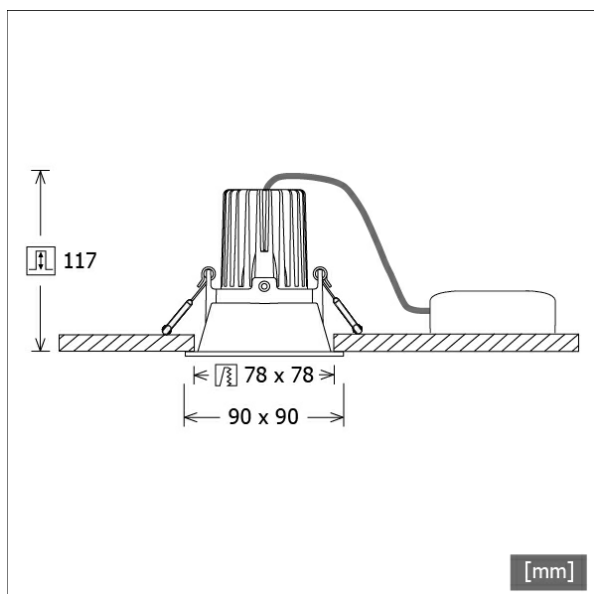
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	871846
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	12.0 W
System power	1130 lm
Luminaire luminous flux	94.16 lm/W
System efficiency	132.06 lm/W
Module efficiency	≤19
UGR class	25°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	III
Protection class	IP40
Type of protection	

Dimensions / Weights

Length	90 mm
Width	90 mm
Height	104 mm
Cut-out (LxW)	78 x 78 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	117 mm
Diameter of light head	50 mm
Net weight	0.56 kg
Gross weight	0.61 kg

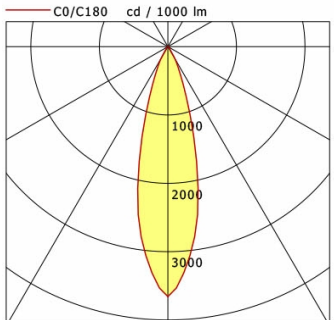


Colours	Article no.	EAN
white	642062	4043544463579



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



	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]
C0-C180 Plane		
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

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.9
UGR C90/C270	17.9
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