

VTSM 12.0540.60



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) included (external placement)

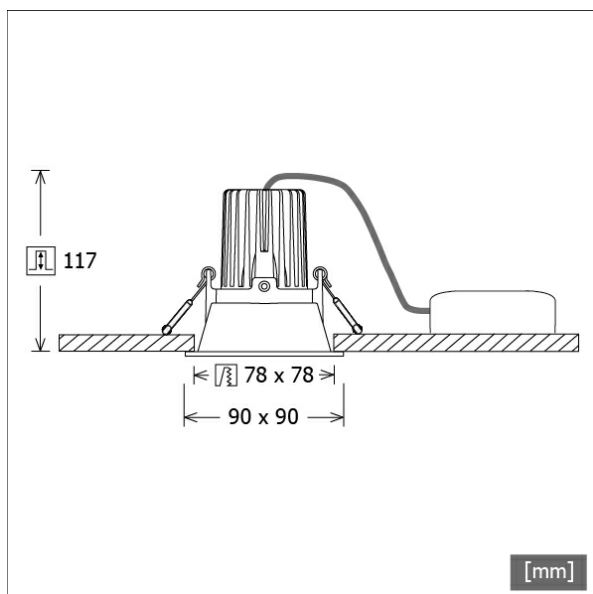
Standard options



Special options



Colours	Article no.	EAN
black	663719	4043544728531

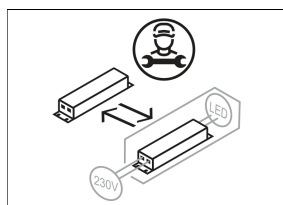
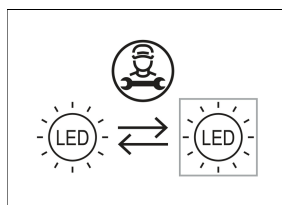


Lighting data / Norms

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	1050 lm
System efficiency	87.50 lm/W
Module efficiency	132.06 lm/W
UGR class	≤28
Beam angle	60°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP40

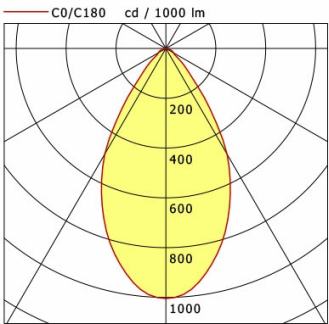
Dimensions / Weights

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	0.52 kg
Gross weight	0.55 kg



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Vale-Tu Square Medium (1xLED 12W 840/4000K 1050lm)



	C0	C90	C180	C270
0°	1004	1004	1004	1004
15°	832	832	832	832
30°	490	490	490	490
45°	119	119	119	119
60°	35	35	35	35
75°	17	17	17	17
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	3.40	117.2
6.0	6.79	29.3
9.0	10.19	13.0
12.0	13.59	7.3
15.0	16.99	4.7

η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.1
UGR C90/C270	27.1
CIE Flux Codes	83 95 99 100 100
Ra/CRI	>80

LTS