

VTSM 12.0540.35



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)

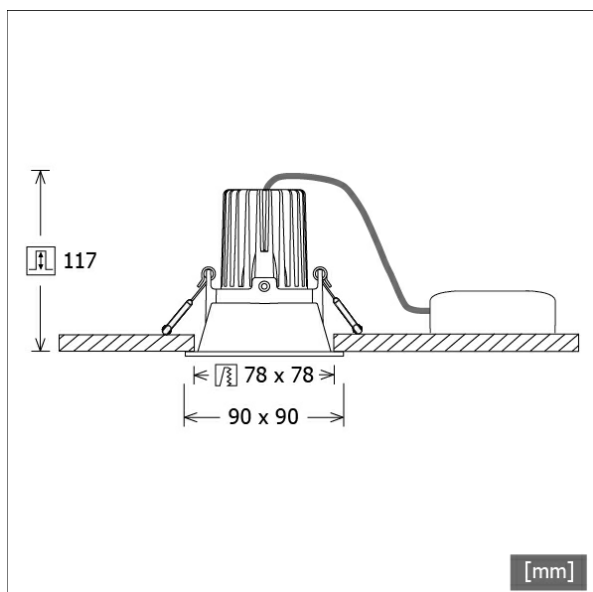
Standard options



Special options



Colours	Article no.	EAN
black	642051	4043544463463

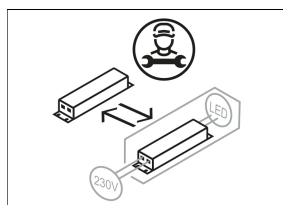
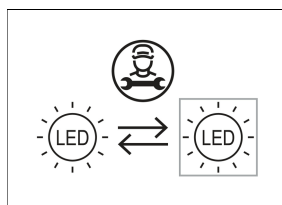


Lighting data / Norms

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	1170 lm
System efficiency	97.50 lm/W
Module efficiency	132.06 lm/W
UGR class	≤22
Beam angle	35°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP40

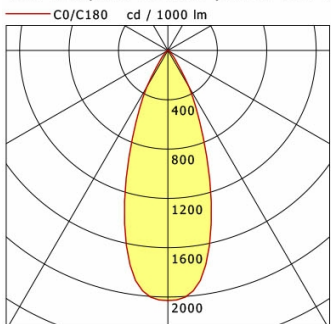
Dimensions / Weights

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 1170lm Wide-Flood °)



	C0	C90	C180	C270
0°	2029	2029	2029	2029
15°	1362	1362	1362	1362
30°	343	343	343	343
45°	43	43	43	43
60°	14	14	14	14
75°	7	7	7	7
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	2.06	263.7
6.0	4.11	65.9
9.0	6.17	29.3
12.0	8.23	16.5
15.0	10.28	10.5

η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.4
UGR C90/C270	21.4
CIE Flux Codes	93 98 100 100 100
Ra/CRI	>80

LTS