

VTSM 12.0527.35



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)

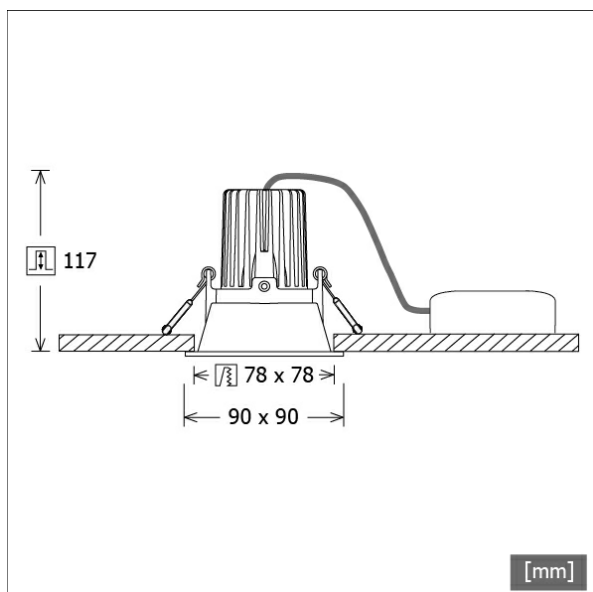
Standard options



Special options



Colours	Article no.	EAN
black	642043	4043544463388

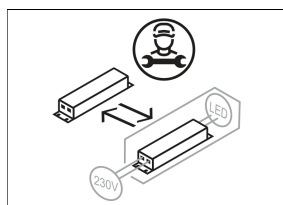
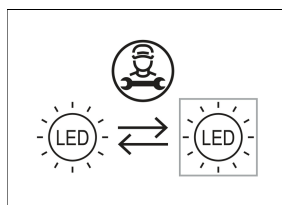


Lighting data / Norms

Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	871010
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	12.0 W
System power	1080 lm
Luminaire luminous flux	90.00 lm/W
System efficiency	120.72 lm/W
Module efficiency	≤22
UGR class	35°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	III
Protection class	IP40
Type of protection	

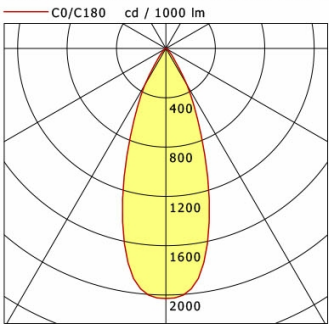
Dimensions / Weights

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	0.52 kg
Gross weight	0.55 kg



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Vale-Tu Square Medium (1xLED 12W 827/2700K 1080lm 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	243.4
6.0	4.11	60.9
9.0	6.17	27.0
12.0	8.23	15.2
15.0	10.28	9.7

η	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.2
UGR C90/C270	21.2
CIE Flux Codes	93 98 100 100 100
Ra/CRI	>80

LTS