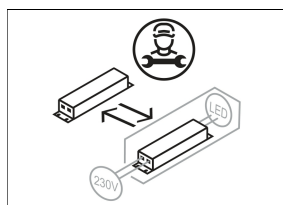
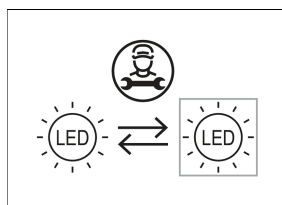
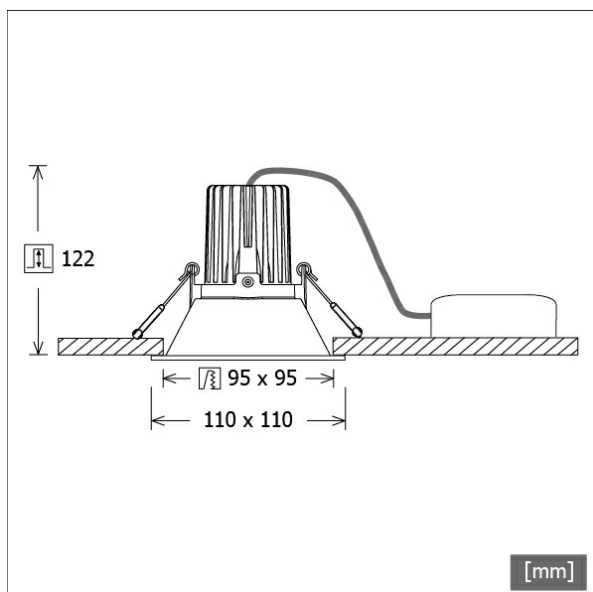


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Colours	Article no.	EAN
silver	642003	4043544462985



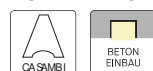
Description

- 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



Lighting data / Norms

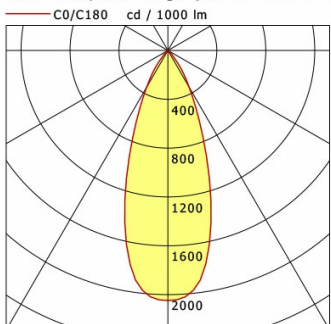
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	871846
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	12.0 W
System power	1190 lm
Luminaire luminous flux	99.16 lm/W
System efficiency	132.06 lm/W
Module efficiency	≤22
UGR class	35°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	III
Protection class	IP40
Type of protection	

Dimensions / Weights

Length	110 mm
Width	110 mm
Height	108 mm
Cut-out (LxW)	95 x 95 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	122 mm
Diameter of light head	50 mm
Net weight	0.56 kg
Gross weight	0.60 kg

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Vale-Tu Square Large (1xLED 12W 840/4000K 1190lm Wide-Flood °)



	C0	C90	C180	C270
0°	2048	2048	2048	2048
15°	1367	1367	1367	1367
30°	347	347	347	347
45°	41	41	41	41
60°	5	5	5	5
75°	1	1	1	1
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	2.05	270.8
6.0	4.09	67.7
9.0	6.14	30.1
12.0	8.18	16.9
15.0	10.23	10.8

η	LED
Efficiency	99 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.8
UGR C90/C270	19.8
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS