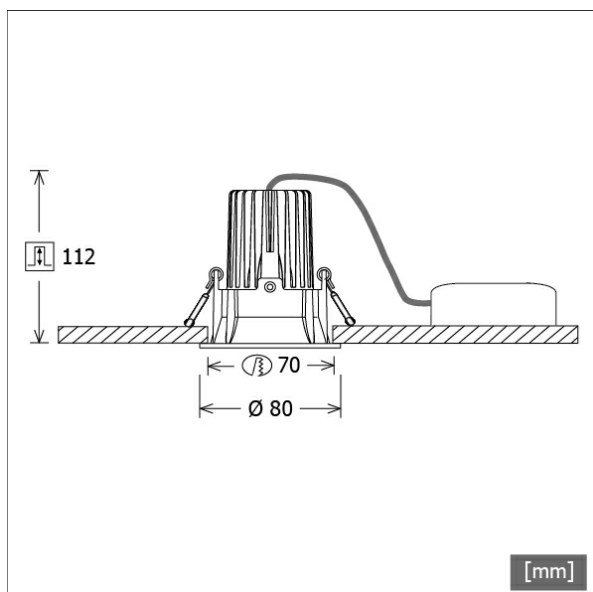


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Colours	Article no.	EAN
silver	641931	4043544462602



Description

- recessed spotlight with round 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)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter) included (external placement)

Standard options



Special options



Lighting data / Norms

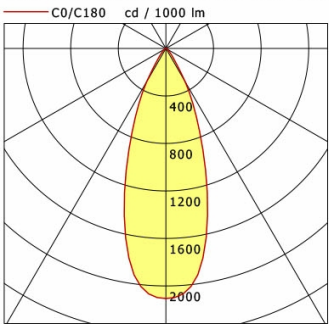
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	871846
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	1100 lm
System efficiency	91.66 lm/W
Module efficiency	132.06 lm/W
UGR class	≤25
Beam range	Flood
Beam angle	37°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP40

Dimensions / Weights

Outer diameter	80 mm
Height	99 mm
Cut-out (Ø)	70 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	112 mm
Diameter of light head	50 mm
Net weight	0.49 kg
Gross weight	0.51 kg

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Vale-Tu Round Small (1xLED 12W 840/4000K 1100lm Wide-Flood °)



	C0	C90	C180	C270
0°	2106	2106	2106	2106
15°	1355	1355	1355	1355
30°	324	324	324	324
45°	46	46	46	46
60°	16	16	16	16
75°	8	8	8	8
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	1.99	257.4
6.0	3.98	64.3
9.0	5.96	28.6
12.0	7.95	16.1
15.0	9.94	10.3

η	LED
Efficiency	92 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.6
UGR C90/C270	22.6
CIE Flux Codes	93 98 99 100 100
Ra/CRI	>80

LTS