

# VTRL 13.0530.35



## 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



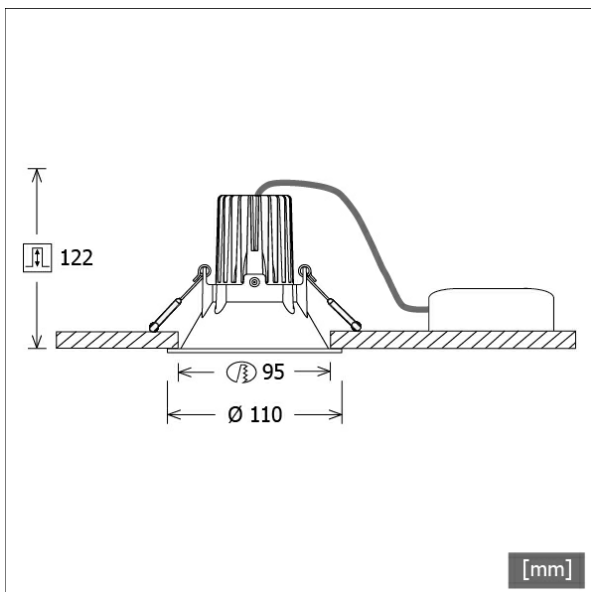
Colours	Article no.	EAN
white	641879	4043544462084

## Special options



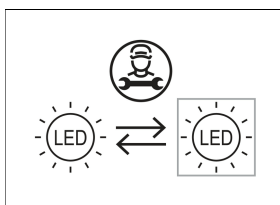
## Lighting data / Norms

Lamps	LED Spot / CRI 80 / 3000 K
EPREL light sources	871340
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	1140 lm
System efficiency	95.00 lm/W
Module efficiency	128.30 lm/W
UGR class	≤22
Beam range	Flood
Beam angle	38°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP40



## Dimensions / Weights

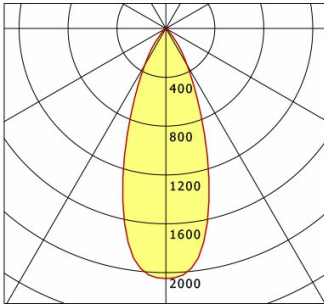
Outer diameter	110 mm
Height	108 mm
Cut-out (Ø)	95 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	122 mm
Diameter of light head	50 mm
Net weight	0.55 kg
Gross weight	0.58 kg



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Vale-Tu Round Large (1xLED 12W 830/3000K 1140lm Wide-Flood °)

— C0/C180 cd / 1000 lm



	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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.05	259.4
6.0	4.09	64.9
9.0	6.14	28.8
12.0	8.18	16.2
15.0	10.23	10.4

<b>η</b>	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.5
UGR C90/C270	20.5
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS