

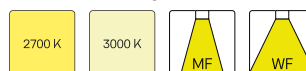
VTRL 13.0540.35/DALI



Description

- recessed spotlight with round recessed funnel
- reflector lense 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 lense 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 DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

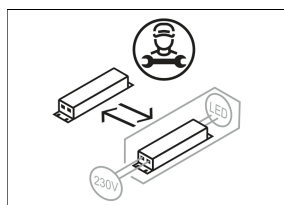
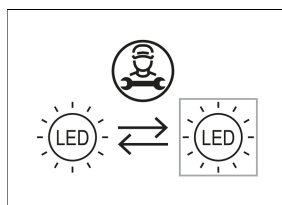
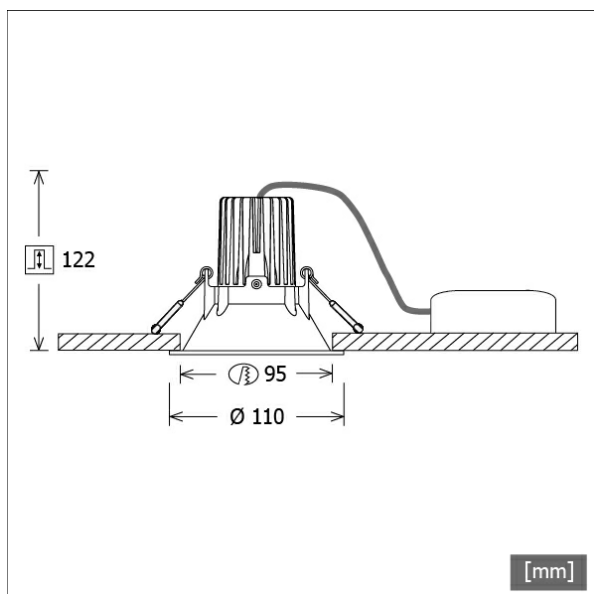
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	871846
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	1190 lm
System efficiency	99.16 lm/W
Module efficiency	132.06 lm/W
UGR class	≤22
Beam range	Flood
Beam angle	38°
Supply voltage	220 - 240 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	0.59 kg
Gross weight	0.64 kg

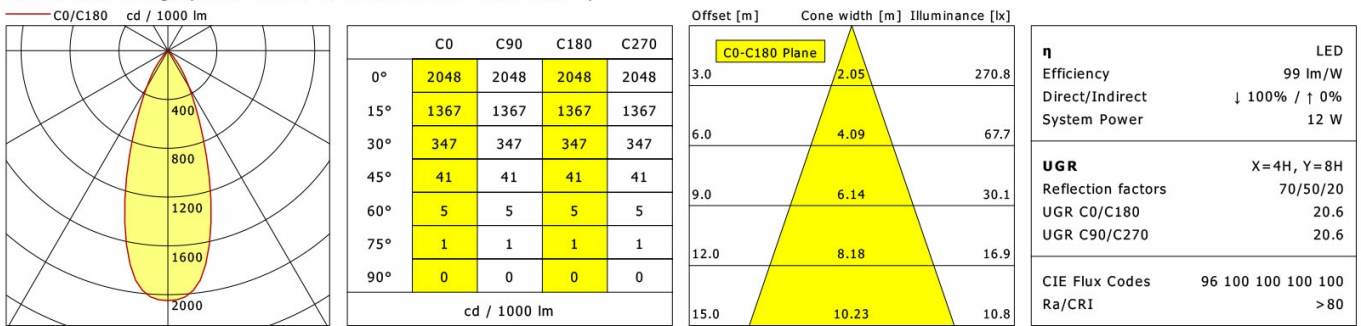


Colours	Article no.	EAN
white	641884	4043544462138



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



Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
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

Efficiency LED 99 lm/W

Direct/Indirect ↓ 100% / ↑ 0%

System Power 12 W

UGR X=4H, Y=8H

Reflection factors 70/50/20

UGR C0/C180 20.6

UGR C90/C270 20.6

CIE Flux Codes 96 100 100 100 100

Ra/CRI >80

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting