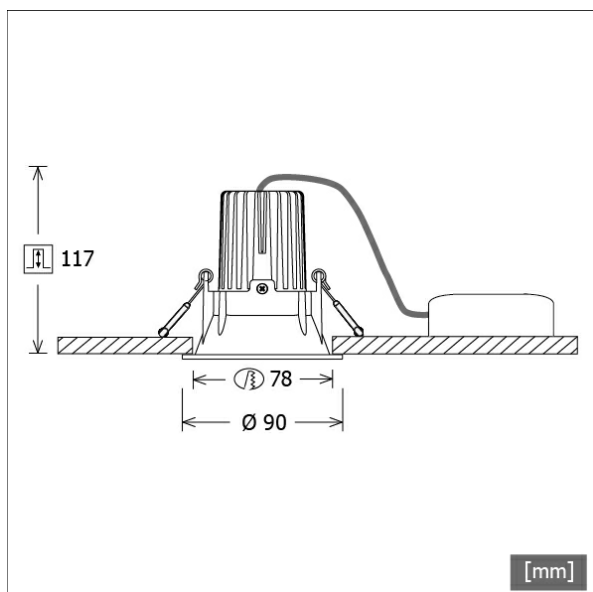


VTRM 13.0527.60/DALI



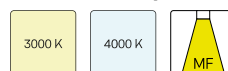
Colours	Article no.	EAN
white	663776	4043544729132



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 DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

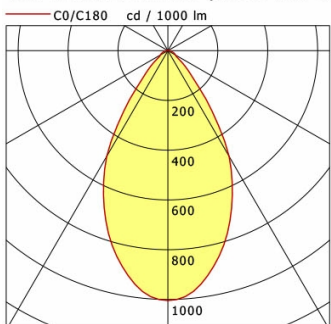
Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	871010
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	12.0 W
System power	970 lm
Luminaire luminous flux	80.83 lm/W
System efficiency	120.72 lm/W
Module efficiency	≤28
UGR class	Wide Flood
Beam range	59°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	II
Protection class	IP40
Type of protection	

Dimensions / Weights

Outer diameter	90 mm
Height	103 mm
Cut-out (Ø)	78 mm
Ceiling thickness	10.0 - 15.0 mm
Recessed depth	117 mm
Diameter of light head	50 mm
Net weight	0.53 kg
Gross weight	0.59 kg

VTRM 13.0527.60/DALI

Vale-Tu Round Medium (1xLED 12W 827/2700K 970lm)



	C0	C90	C180	C270
0°	1004	1004	1004	1004
15°	832	832	832	832
30°	490	490	490	490
45°	119	119	119	119
60°	35	35	35	35
75°	17	17	17	17
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.40	108.2
6.0	6.79	27.1
9.0	10.19	12.0
12.0	13.59	6.8
15.0	16.99	4.3

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.6
UGR C90/C270	27.6
CIE Flux Codes	83 95 99 100 100
Ra/CRI	>80

LTS

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