VTRM 12.0527.60/DALI

LTS
LOVE TO SHINE

CE | RoHS | | IP40

Colours	Article no.	EAN
black	663770	4043544729071

117

⌀ 78

Ø 90

[mm]
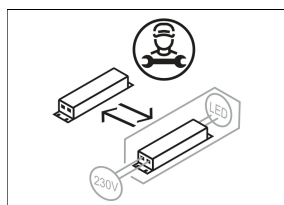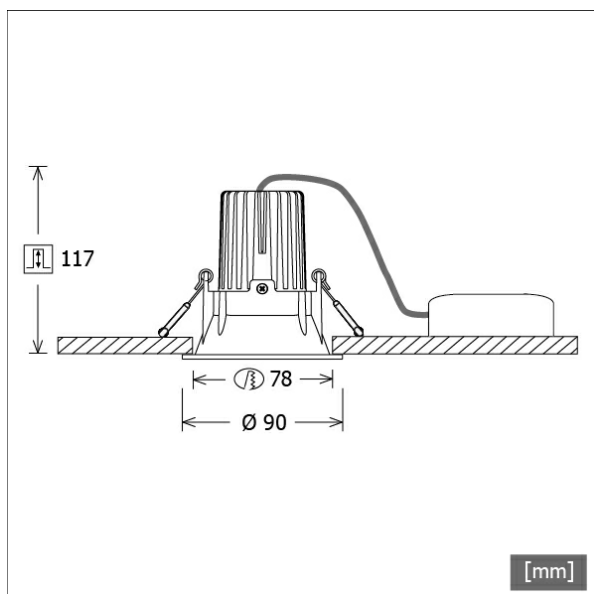
Description

- 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

3000 K | 4000 K | MF

Special options

CASAMBI | BETON EINBAU

Lighting data / Norms

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

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

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Vale-Tu Round Medium (1xLED 12W 827/2700K 970lm)
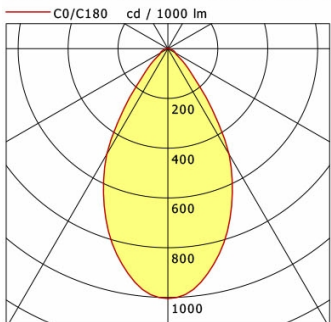
— C0/C180   cd / 1000 lm

	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]
C0-C180 Plane		
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