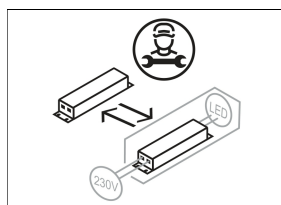
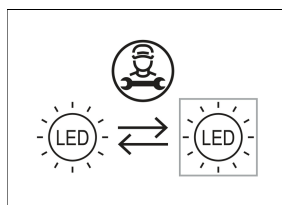
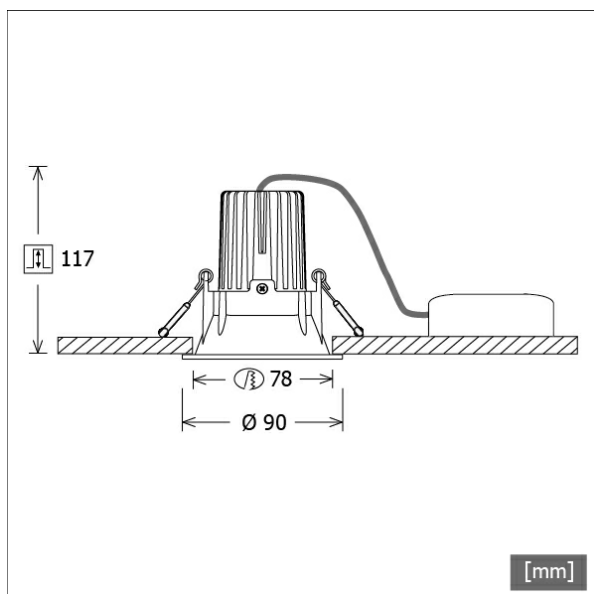


# VTRM 13.0527.35



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| white   | 641911      | 4043544462404 |



## 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

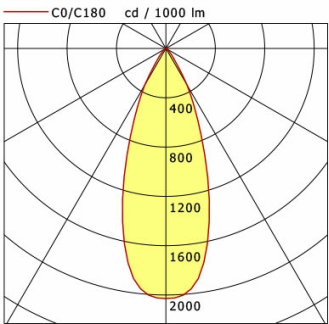
|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Lamps                   | LED Spot / CRI 80 / 2700 K                                |
| EPREL light sources     | 871010                                                    |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 12.0 W                                                    |
| Luminaire luminous flux | 1080 lm                                                   |
| System efficiency       | 90.00 lm/W                                                |
| Module efficiency       | 120.72 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         | 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             | 0.49 kg        |
| Gross weight           | 0.52 kg        |

VTRM 13.0527.35

Vale-Tu Round Medium (1xLED 12W 827/2700K 1080lm Wide-Flood °)



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 2029 | 2029 | 2029 | 2029 |
| 15°          | 1362 | 1362 | 1362 | 1362 |
| 30°          | 343  | 343  | 343  | 343  |
| 45°          | 43   | 43   | 43   | 43   |
| 60°          | 14   | 14   | 14   | 14   |
| 75°          | 7    | 7    | 7    | 7    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

| Offset [m]    | Cone width [m] | Illuminance [lx] |
|---------------|----------------|------------------|
| C0-C180 Plane |                |                  |
| 3.0           | 2.06           | 243.4            |
| 6.0           | 4.11           | 60.9             |
| 9.0           | 6.17           | 27.0             |
| 12.0          | 8.23           | 15.2             |
| 15.0          | 10.28          | 9.7              |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 90 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        | 22.0              |
| UGR C90/C270       | 22.0              |
| CIE Flux Codes     | 93 98 100 100 100 |
| Ra/CRI             | >80               |

LTS