

# VTSS 12.0527.35



## Description

- recessed spotlight with square 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)
- connection to ballast via luminaire cable with Mini-Clamp connector
- ballast (LED converter) included (external placement)

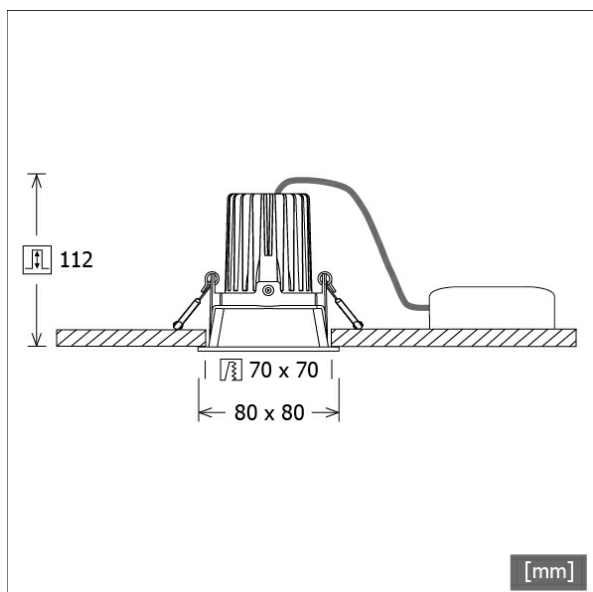
## Standard options



## Special options



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 642079      | 4043544464125 |

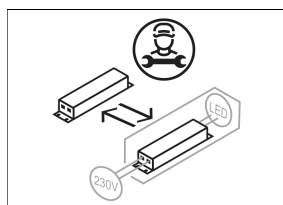
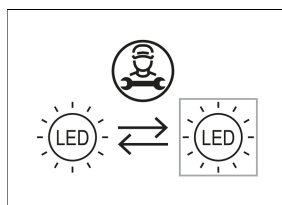


## Lighting data / Norms

|                         |                            |
|-------------------------|----------------------------|
| 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            | 1010 lm                    |
| Luminaire luminous flux | 84.16 lm/W                 |
| System efficiency       | 120.72 lm/W                |
| Module efficiency       | ≤22                        |
| UGR class               | 35°                        |
| Beam angle              | 220 - 240 V / 50 - 60 Hz   |
| Supply voltage          | III                        |
| Protection class        | IP40                       |
| Type of protection      |                            |

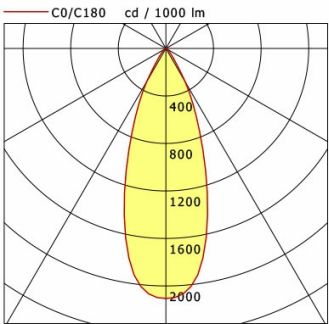
## Dimensions / Weights

|                        |                |
|------------------------|----------------|
| Length                 | 80 mm          |
| Width                  | 80 mm          |
| Height                 | 98 mm          |
| Cut-out (LxW)          | 70 x 70 mm     |
| Ceiling thickness      | 10.0 - 15.0 mm |
| Recessed depth         | 112 mm         |
| Diameter of light head | 50 mm          |
| Net weight             | 0.49 kg        |
| Gross weight           | 0.52 kg        |



VTSS 12.0527.35

Vale-Tu Square Small (1xLED 12W 827/2700K 1010lm Wide-Flood °)



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 2106 | 2106 | 2106 | 2106 |
| 15°          | 1355 | 1355 | 1355 | 1355 |
| 30°          | 324  | 324  | 324  | 324  |
| 45°          | 46   | 46   | 46   | 46   |
| 60°          | 16   | 16   | 16   | 16   |
| 75°          | 8    | 8    | 8    | 8    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

| Offset [m]    | Cone width [m] | Illuminance [lx] |
|---------------|----------------|------------------|
| C0-C180 Plane |                |                  |
| 3.0           | 1.99           | 236.3            |
| 6.0           | 3.98           | 59.1             |
| 9.0           | 5.96           | 26.3             |
| 12.0          | 7.95           | 14.8             |
| 15.0          | 9.94           | 9.5              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 84 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        | 21.5             |
| UGR C90/C270       | 21.5             |
| CIE Flux Codes     | 93 98 99 100 100 |
| Ra/CRI             | >80              |

LTS