

# SLC ONE SOFT R68-83 ALU 570TED

## 2700K CRI90 IP44 36°



SLC OneSoft is a low downlight that can be recessed into holes from 68 to 83mm, which is ideal for replacing halogen downlights. It can be mounted directly into the insulation. SLC OneSoft features a recessed light source, resulting in reduced glare. LED light source with a 36° reflector.

| Light technic                                  |  |
|--|--|
| Product ID                                     | SLC1148                                    |
| Beam angle                                     | 36 °, Medium beam 21-40° °                 |
| Expected lifetime                              | 50 000                                     |
| Light reduction                                | L80B10                                     |
| Efficacy                                       | 69 lm/W                                    |
| Luminous flux (lm)                             | 570  |
| MacAdam (SDCM)                                 | 3  |
| Reflector                                      | High-gloss                                 |
| Colour rendering index CRI                     | 90-100                                     |
| Lamp type                                      | LED not exchangeable                       |
| Light outlet                                   | Direct                                     |
| Light sharing                                  | Symmetric                                  |
| With light source                              | Yes  |
| Colour temperature                             | 2700.0 - 2700.0 K                          |
| Rated luminous flux according to IEC 62722-2-1 | 570 lm                                     |
| Colour of light                                | White                                      |
| Luminous flux                                  | 570.0 - 570.0 lm                           |
| Colour consistency (McAdam ellipse)            | SDCM3                                      |
| Light distributor                              | Reflector                                  |
| Technical data                                 |  |
| CE   | Yes  |
| IP class                                       | IP44                                       |
| Operating temperature                          | -10°C ~ +45°C °C                           |
| Protection class                               | II   |
| Colour housing                                 | Aluminium                                  |
| Surface protection                             | Powder coating                             |
| Suitable for lamp power                        | 8.0 - 8.0                                  |
| Type of control gear                           | LED operating device<br>current-controlled |
| Material housing                               | Aluminium                                  |
| Material cover                                 | Plastic, transparent                       |



|   |                             |
|---|-----------------------------|
| Degree of protection (IP)                           | IP44                        |
| Control gear included                               | Yes                         |
| Max. system power                                   | 8 W                         |
| Adjustability                                       | Rotating and swivelling     |
| Rated ambient temperature according to IEC62722-2-1 | -10.0 - 40.0 °C             |
| Dimming phase cut-off                               | Yes                         |
| Power factor  | 0.9                         |
| Dimming interface                                   | Trailing edge               |
| Input   |                             |
| Electrical connection (Input)                       | L`L`N`N quick connection    |
| Voltage type  | AC                          |
| Nominal voltage                                     | 220.0 - 240.0 V             |
| Power factor  | 0.9                         |
| Installation  |                             |
| Height/depth  | 46 mm                       |
| Built-in width                                      | 67 mm                       |
| Height  | 45.4 mm                     |
| Built-in height/depth                               | 46 mm                       |
| Length  | 90 mm, 90 mm                |
| Width   | 90 mm, 90 mm                |
| Can be installed directly into the insulation       | Yes                         |
| Type of installation                                | Recessed                    |
| Outer diameter                                      | 90 mm                       |
| Conductor cross section                             | 0.35 mm <sup>2</sup>        |
| Connection type                                     | Push-in clamp               |
| Suitable for suspended mounting                     | No                          |
| Number of poles                                     | 3                           |
| Suitable for built-in mounting                      | Yes                         |
| Connectable conductor cross section                 | 0.75 - 2.5 mm <sup>2</sup>  |
| Type of wiring                                      | Suitable for through wiring |
| Suitable for ceiling mounting                       | Yes                         |
| logistics data                                      |                             |
| Imported by   | The Light Group             |
| Brand   | SLC                         |
| F-Pak   |                             |
| F-pack width  | 112 mm                      |
| F-pack height                                       | 50 mm                       |
| F-pack weight                                       | 254 g                       |
| F-pack length                                       | 100 mm                      |

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Subject to changes and printing errors

| EPREL Data             |          |
|------------------------|----------|
| EPREL Energy Class     | F        |
| D-Pak                  |          |
| D-pack quantity        | 50 pcs   |
| D-pack width           | 290 mm   |
| D-pack length          | 590 mm   |
| D-pack weight          | 16200 g  |
| D-pack height/diameter | 370 mm   |
| General data           |          |
| Pallet length          | 1200 mm  |
| Rated power            | 8 W      |
| M-Pak                  |          |
| M-pack length          | 138 mm   |
| Number                 | 1        |
| M-pack weight          | 302 g    |
| M-pack height          | 63.5 mm  |
| M-pack width           | 112.5 mm |