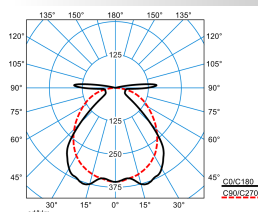




### Product features and key data

|                                         |                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                     | Damp rooms canopied outdoor areas                                                                                                                       |
| <b>Luminaire type</b>                   | LED weather-proof luminaire with IP66 protection for use in applications with high demands on variability, efficiency, quality of light and technology. |
| <b>Mounting method</b>                  | Surface-mounting Suspension                                                                                                                             |
| <b>Luminaire optic</b>                  | With a prismatic, photometrically effective, translucent PMMA diffuser, direct distribution.                                                            |
| <b>Light distribution curve</b>         | Wide (W)                                                                                                                                                |
| <b>FWHM</b>                             | 89,60 °                                                                                                                                                 |
| <b>Light Engine</b>                     | standard product                                                                                                                                        |
| <b>Colour temperature</b>               | 4000 K                                                                                                                                                  |
| <b>Rated luminous flux</b>              | 6400 lm                                                                                                                                                 |
| <b>Connected load</b>                   | 35,00 W                                                                                                                                                 |
| <b>Luminous efficacy</b>                | 183 lm/W                                                                                                                                                |
| <b>Rated service life</b>               | L80 (25 °C) = 100.000 h                                                                                                                                 |
| <b>Colour rendering index</b>           | 80                                                                                                                                                      |
| <b>Colour tolerance</b>                 | 3 SDCM                                                                                                                                                  |
| <b>Photobiological class</b>            | Group 1 - no risk                                                                                                                                       |
| <b>Luminaire colour</b>                 | RAL7035 Light grey                                                                                                                                      |
| <b>Luminaire body</b>                   | Luminaire body of PC.                                                                                                                                   |
| <b>Electrical version</b>               | With electronic transformer, switchable.                                                                                                                |
| <b>Connection method</b>                | Plug-in terminal                                                                                                                                        |
| <b>Mains voltage</b>                    | 220 - 240 V                                                                                                                                             |
| <b>Mains frequency</b>                  | 50/60 Hz                                                                                                                                                |
| <b>Total harmonic distortion &lt; %</b> | 14 %                                                                                                                                                    |
| <b>Ingress Protection (IP) rating</b>   | IP66                                                                                                                                                    |
| <b>Protection rating on room side</b>   | IP66                                                                                                                                                    |
| <b>Protection class</b>                 | I                                                                                                                                                       |
| <b>Impact resistance (IK)</b>           | IK03                                                                                                                                                    |
| <b>Hot wire resistance</b>              | 650 °C                                                                                                                                                  |
| <b>Ambient temperature</b>              | -30 - 35 °C                                                                                                                                             |
| <b>Max. Luminaires B10</b>              | 19                                                                                                                                                      |
| <b>Max. Luminaires B16</b>              | 30                                                                                                                                                      |
| <b>Max. Luminaires C10</b>              | 29                                                                                                                                                      |
| <b>Max. Luminaires C16</b>              | 47                                                                                                                                                      |
| <b>Net length</b>                       | 1.552 mm                                                                                                                                                |
| <b>Net width</b>                        | 102 mm                                                                                                                                                  |
| <b>Net height</b>                       | 91 mm                                                                                                                                                   |
| <b>Weight</b>                           | 2,8 kg                                                                                                                                                  |

**light distribution curve**

**AragFHE 15 PW 64-840 ET**

UGR I = 24,4  
 UGR q = 19,6  
 DIN 5040: A40  
 UTE: 0.93 D + 0.07 T  
 DLOR: 93 %  
 ULOR: 7 %  
 CEN Flux Code: 56 85 95 93 100 0 0 11 7

**Available accessories**

| Material                                                                                                                                    | Description                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  <b>ZBSB 1,0m</b><br>6923200                               | Steel strip suspension, 1 pair, rust-free, length 1.0 m, for weather-proof luminaires.                                       |
|  <b>Theft protection, set for 1 luminaire</b><br>6923300   | Theft protection for LED surface-mounted weather-proof luminaire.                                                            |
|  <b>ZBMC</b><br>6923400                                    | Mounting accessories for Nextrema 4000-8... / Nextrema 6000-8... / Oleveon Fit / Aragon Fit. Bracket for suspended mounting. |
|  <b>OleveonF ZLV/525/15</b><br>7129800                    | Through-wiring, 5-core.                                                                                                      |
| <b>Wanne AragF/OleveonF 15 PMMA Ersatz</b><br>7130200                                                                                       | Replacement diffuser for Surface-mounted damp-proof luminaire OleveonF 1.5 PMMA.                                             |
|  <b>ZBWM wall mounting accessory, 2 units</b><br>7425600 | Pivotable mounting bracket for wall or ceiling mounting of LED weather-proof luminaires 1 set.                               |
| <b>Wanne AragF 15 PMMA Ersatz</b><br>7938100                                                                                                |                                                                                                                              |

**Offer text**

LED weather-proof luminaire with IP66 protection for use in applications with high demands on variability, efficiency, quality of light and technology. The luminaire is part of an assortment with constructionally identical, mounting-compatible variants. These versions are available with alternative optical systems, light engines with settable luminous flux levels and with a connection option to light management systems and emergency lighting systems. With clipless catch technology for protection rating-compliant and simple assembly of diffuser cover and luminaire body after electrical connection. Suspended mounting possible via optional accessories. Ceiling mounting with stainless steel fixing clips (included). Suspended mounting possible via optional accessories. With a prismatic, photometrically effective, translucent PMMA diffuser, direct distribution. With symmetric wide light intensity distribution. Luminaire luminous flux and light color fixed. Luminaire luminous flux 6400 lm, connected load 35 W, maximum luminous efficiency of luminaire 183 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI)  $R_a > 80$ . Colour locus tolerance (initial MacAdam)  $\leq 3$  SDCM. Mean rated service life L80 ( $t_a 25^\circ\text{C}$ ) = 100,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body of PC. Colour of luminaire body light grey (similar to RAL 7035). Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature ( $t_a$ ): -30 °C to 35 °C. Weight: 2,8 kg. With electronic transformer, switchable. Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

**EPREL - European Product Registry for Energy Labelling**

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| D                       | 85400884-00      |
| D                       | 85400886-00      |