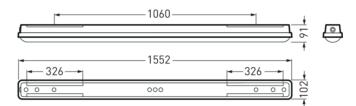
# OleveonF 15 L 6000-840 ETDD +LLWRC LV

TOC: 7127151



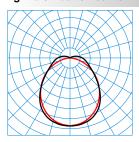




Luminaire type         Surface-mounted weatherproof LED luminaire in IP66 with PC luminaire body and PMMA diffuser           Mounting method         Suspension Surface-mounting           Luminaire optic         Diffuser of opal translucent PMMA with inner prism structure.           Light Engine         standard product           Colour temperature         4000 K           Rated luminous flux         6200 lm           Connected load         49,00 W           Luminous efficacy         127 Im/W           Service life         L80 (25 °C) = 50.000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard En \$62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Mains ordage         230 - 240 V           Total harmonic distortion          14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66 </th <th>Product features and key data</th> <th></th>	Product features and key data	
Mounting method   Suspension Surface-mounting	Applications	Damp rooms canopied outdoor areas
Luminaire optic         Diffuser of opal translucent PMMA with inner prism structure.           Light Engine         standard product           Colour temperature         4000 K           Rated Luminous flux         6200 Im           Connected load         49,00 W           Luminous efficacy         127 Im/W           Service life         L80 (25°C) = 50,000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DALI-2-Standard EN 62386         Yes           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains frequency         50/60 Hz           Mains protation of stortion          14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66           Protection rating on room side         IP66           Protection rating on room side	Luminaire type	Surface-mounted weatherproof LED luminaire in IP66 with PC luminaire body and PMMA diffuser
Light Engine         standard product           Colour temperature         4000 K           Rated luminous flux         6200 Im           Connected load         49,00 W           Luminous efficacy         127 Im/W           Service life         L80 (25 °C) = 50,000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DALI-2-Standard EN 62386         Yes           Wiring         5L/V           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Mains frequency         50/60 Hz           Mains requency         50/60 Hz           Mains requency         50/60 Hz           Mains Protection rating on room side         IP66           Protection rating on room side         IP66           Protection class         I           Impact resistance         650 °C           Ambient temperature         -20 - 35 °C           Net length         1.5	Mounting method	Suspension Surface-mounting
Colour temperature         4000 K           Rated luminous flux         6200 Im           Connected load         49,00 W           Luminous efficacy         127 Im/W           Service life         L80 (25 °C) = 50.000 h           Colour rendering index         80           Colour rendering index         80           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard EN 62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains requency         50/60 Hz           Mains requency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %         14 %           IFS label         Yes           Ingress Protection (P) rating         IP66           Protection rating on room side         IP6	Luminaire optic	Diffuser of opal translucent PMMA with inner prism structure.
Rated luminous flux         6200 lm           Connected load         49,00 W           Luminous efficacy         127 lm/W           Service life         L80 (25 °C) = 50.000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire colour         RAL7035 Light grey           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard EN 62386         Yes           Wirre diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %         14 %           ISS label         Yes           Ingress Protection (IP) rating         IP66           Protection rating on room side         IP66	Light Engine	standard product
Connected load	Colour temperature	4000 K
Luminous efficacy	Rated luminous flux	6200 lm
Service life         L80 (25 °C) = 50.000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire colour         RAL7035 Light grey           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard EN 62386         Yes           Wiring         5LV           Wiring         5LV           Wiring diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	Connected load	49,00 W
Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire colour         RAL7035 Light grey           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard EN 62386         Yes           Wiring         5LV           Wired diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains requency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%         14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66           Protection class         I           Impact resistance (IK)         IK03           Hot wire resistance         650 °C           Ambient temperature         -20 - 35 °C           Net width         102 mm           Net width         102 mm	Luminous efficacy	127 lm/W
Colour tolerance         3 SDCM           Photobiological class         Group 0 - no risk           Luminaire colour         RAL7035 Light grey           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DAL1-2-Standard EN 62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %         14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66           Protection rating on room side         IP66           Protection class         I           Impact resistance (IK)         IK03           Hot wire resistance         650 °C           Ambient temperature         -20 - 35 °C           Net length         1.552 mm           Net width         102 mm           Net width         91 mm	Service life	L80 (25 °C) = 50.000 h
Photobiological class   Group 0 - no risk	Colour rendering index	80
Luminaire colour         RAL7035 Light grey           Luminaire body         Luminaire body of PC.           Electrical version         With electronic transformer, digitally dimmable (DALI).           DALI-2-Standard EN 62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	Colour tolerance	3 SDCM
Luminaire body Luminaire body of PC.  Electrical version With electronic transformer, digitally dimmable (DALI).  DALI-2-Standard EN 62386 Yes Wiring 5LV Wire diameter 2,50 mm² Connection method Plug-in terminal Touch-Dim-capable Yes Monitoring Ready On request Mains frequency 50/60 Hz Mains voltage 230 - 240 V Total harmonic distortion < % 14 %  IfS label Ingress Protection (IP) rating IP66 Protection rating on room side IP66 Protection class I Impact resistance (IK) Hot wire resistance 650 °C Ambient temperature -20 - 35 °C Net length Net width 102 mm Net width INO3  Net height  Poss In macro Instruction Inst	Photobiological class	Group 0 - no risk
Electrical version         With electronic transformer, digitally dimmable (DALI).           DALI-2-Standard EN 62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	Luminaire colour	RAL7035 Light grey
DALI-2-Standard EN 62386         Yes           Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	Luminaire body	Luminaire body of PC.
Wiring         5LV           Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	Electrical version	With electronic transformer, digitally dimmable (DALI).
Wire diameter         2,50 mm²           Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion <%	DALI-2-Standard EN 62386	Yes
Connection method         Plug-in terminal           Touch-Dim-capable         Yes           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %	Wiring	5LV
Touch-Dim-capable Yes  Monitoring Ready On request  Mains frequency 50/60 Hz  Mains voltage 230 - 240 V  Total harmonic distortion < % 14 %  IFS label Yes  Ingress Protection (IP) rating IP66  Protection rating on room side IP66  Protection class I  Impact resistance (IK) IK03  Hot wire resistance 650 °C  Ambient temperature -20 - 35 °C  Net length 1.552 mm  Net width 102 mm  Net height 91 mm	Wire diameter	2,50 mm²
Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %	Connection method	Plug-in terminal
Mains frequency         50/60 Hz           Mains voltage         230 - 240 V           Total harmonic distortion < %         14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66           Protection rating on room side         IP66           Protection class         I           Impact resistance (IK)         IK03           Hot wire resistance         650 °C           Ambient temperature         -20 - 35 °C           Net length         1.552 mm           Net width         102 mm           Net height         91 mm	Touch-Dim-capable	Yes
Mains voltage         230 - 240 V           Total harmonic distortion < %         14 %           IFS label         Yes           Ingress Protection (IP) rating         IP66           Protection rating on room side         IP66           Protection class         I           Impact resistance (IK)         IK03           Hot wire resistance         650 °C           Ambient temperature         -20 - 35 °C           Net length         1.552 mm           Net width         102 mm           Net height         91 mm	Monitoring Ready	On request
Total harmonic distortion < % 14 %  IFS label Yes  Ingress Protection (IP) rating IP66  Protection rating on room side IP66  Protection class I Impact resistance (IK) IK03  Hot wire resistance 650 °C  Ambient temperature -20 - 35 °C  Net length 1.552 mm  Net width 102 mm  Net height 91 mm	Mains frequency	
IFS label Yes Ingress Protection (IP) rating IP66 Protection rating on room side IP66 Protection class I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Mains voltage	
Ingress Protection (IP) rating IP66  Protection rating on room side IP66  Protection class I Impact resistance (IK) IK03  Hot wire resistance 650 °C  Ambient temperature -20 - 35 °C  Net length 1.552 mm  Net width 102 mm  Net height 91 mm	Total harmonic distortion < %	14 %
Protection rating on room side IP66  Protection class I IMpact resistance (IK) IK03  Hot wire resistance 650 °C  Ambient temperature -20 - 35 °C  Net length 1.552 mm  Net width 102 mm  Net height 91 mm	IFS label	Yes
Protection class	Ingress Protection (IP) rating	IP66
Impact resistance (IK)  Hot wire resistance 650 °C  Ambient temperature -20 - 35 °C  Net length 1.552 mm  Net width 102 mm  Net height 91 mm	Protection rating on room side	IP66
Hot wire resistance         650 °C           Ambient temperature         -20 - 35 °C           Net length         1.552 mm           Net width         102 mm           Net height         91 mm	Protection class	l .
Ambient temperature         -20 - 35 °C           Net length         1.552 mm           Net width         102 mm           Net height         91 mm	Impact resistance (IK)	
Net length         1.552 mm           Net width         102 mm           Net height         91 mm	Hot wire resistance	
Net width 102 mm Net height 91 mm	Ambient temperature	-20 - 35 °C
Net height 91 mm	Net length	1.552 mm
	Net width	102 mm
Weight 2,8 kg	Net height	
	Weight	2,8 kg



### light distribution curve



OleveonF 15 L 6000-840 ETDD +LLWRC LV TX056139

C0 - C180

UGR I = 23.1 UGR q = 24.3 DIN 5040: A40 UTE: 0,94 E + 0,06 T DLOR: 94 % ULOR: 6 % CEN Flux Code: 47 76 92 94 100 4 9 34 6

### Available accessories

#### Material Description



ZBSB 1,0m 6923200

Steel strip suspension, 1 pair, rust-free, length 1.0 m, for weather-proof luminaires,



ZBATL2 6923300

Theft protection for LED surface-mounted weather-proof luminaire



**ZBMC** 6923400 Mounting accessories for Nextrema 4000-8... / 6000-8... / Olexeon/Oleveon Fit/Aragon Fit/. Bracket for

suspended mounting.

Diffuser OleveonF 1.5 PC packed

7130100

Replacement diffuser for Surface-mounted damp-proof luminaire Length 1546 mm, Width 97 mm,

height 44 mm.

Diffuser OleveonF 1.5 PMMA packed

7130200

Replacement diffuser for Surface-mounted damp-proof luminaire Length 1546 mm, Width 97 mm,

height 44 mm.



**ZBWM** 7425600 Pivotable mounting brackets for wall and ceiling installation of weather-proof LED luminaires 1 set.

### Offer text

Surface-mounted weatherproof LED luminaire in IP66 with PC luminaire body and PMMA diffuser With 5 x 1.5 mm 2 through-wiring. With integrated LiveLink WiFi RC control unit, Wi-Fi module for reliable commissioning and operation (WPÁ2 encryption) and a radio module for setting up a ZigBee mesh network.

Commissioning is carried out with the LiveLink Install commissioning app for tablet PCs: Predefined room configurations (Use Cases) with all planning-relevant data enable simple, quick commissioning, control of up to 32 DALI devices and 50 radio devices. Radio signal range: > 15 m. Advantageous with applications requiring increased mechanical stability. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies. With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24. With clipless catch technology for protection rating-compliant and simple assembly of diffuser cover and luminaire body after electrical connection. For ceiling, wall and suspended mounting. Ceiling mounting with stainless steel fixing clips (included). Suspended mounting possible via optional accessories. Diffuser of opal translucent PMMA with inner prism structure. With Lambertian light intensity distribution. Glare evaluation according to UGR rating (EN 12464-1) < 25. Luminaire luminous flux and light color fixed. Luminaire luminous flux 6200 lm, connected load 49,00 W, luminous efficiency of luminaire 127 Im/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 expected to the L80( $_{\rm q}$  25 °C) = 50,000 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 (RAL 7035). With clipless catch technology for protection rating-compliant and simple assembly of diffuser cover and luminaire body after electrical connection. Dimensions (L x W): 1552 mm x 102 mm, luminaire height 91 mm. Permissible ambient temperature (ta): -20 °C - +35 °C. 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. Weight: 2,8 kg. With 5-pole terminal to 2.5 mm 2. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). 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 can be equipped with the Monitoring Ready (MOR) functionality on request. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

## Accessories for the series:

For horizontal wall mounting of the luminaire it is mandatory to install the ZBATL accessory (theft protection). ZBATL2, TOC 69 23 300

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	SI-B8T14B560EU
D	86002101-00
D	SI-B8T07B280EU
D	86002129-00