Manual No.: 1494.0602
Stock item: E09060563

Instruction manual

Atomic Top LED

230V/50Hz

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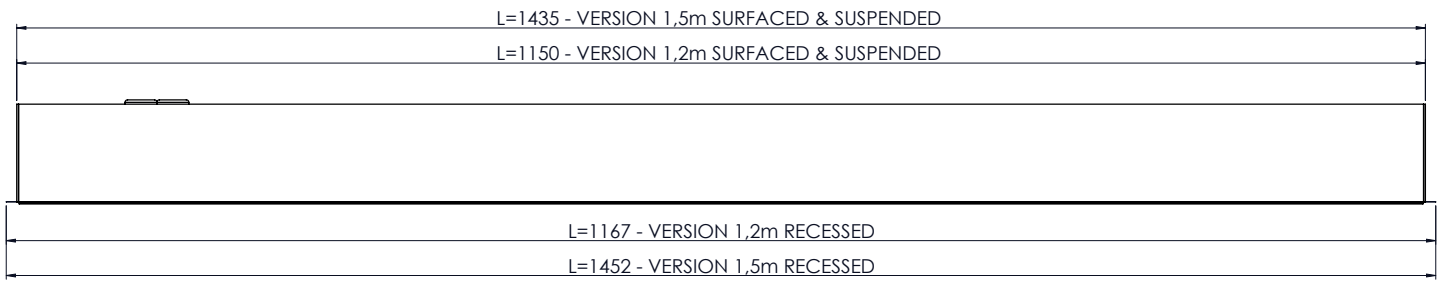
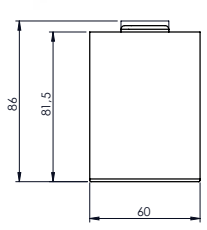
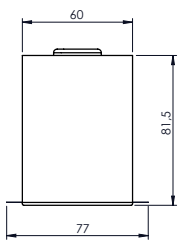
Beghelli

DIMENSIONS





DIMENSION 86mm IS VALID
FOR SURFACED VERSION ONLY



RECESSED VERSION

MOUNTING PROCEDURE

Fig. 1) DISASSEMBLING OF DIFFUSER

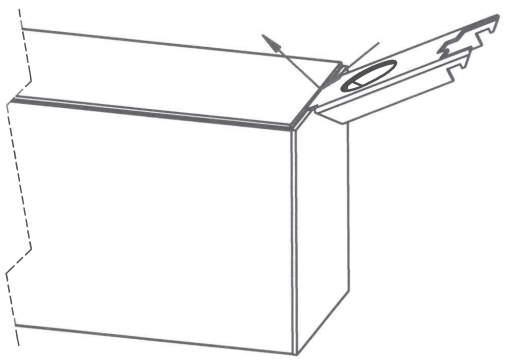


Fig. 2) REMOVING THE BEAM

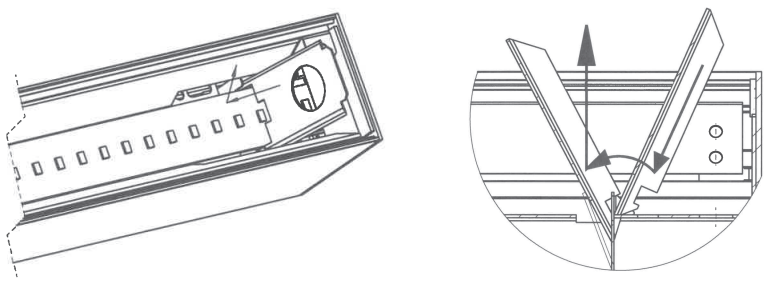


Fig. 3) PREPARING OF SCREW & SPACERS

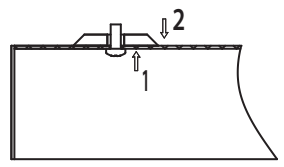
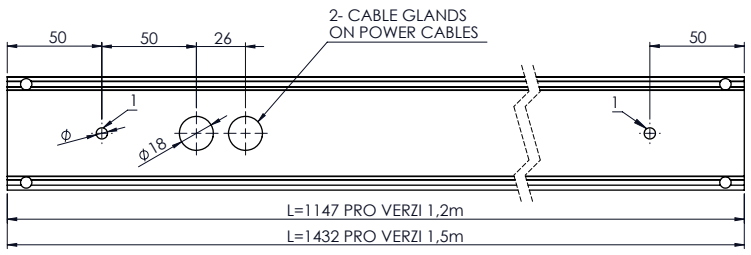


Fig. 4) MOUNTING HOLES



LENGTH (L) IS LISTED WITHOUT ENDINGS.
MOUNTING HOLES No.1 ARE DESIGNED TO INSTALL THE SURFACED VERSION ON CEILING OR RECESSED VERSION WITH SPRAY HOLDERS.

Fig. 5) PREPARING OF CONNECTION PART

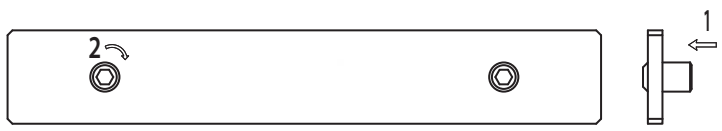


Fig. 6) PREPARING OF ENDING

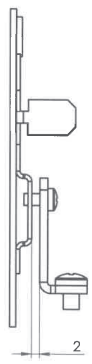


Fig. 7) MOUNTING OF ENDING

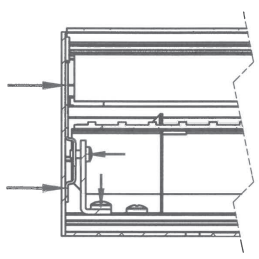


Fig. 8) FITTING THE CONNECTION PART TO THE PROFILE

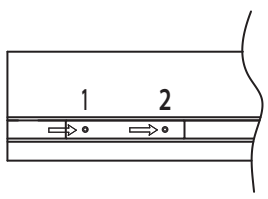


Fig. 9) CONNECTING THE LUMINAIRES BY THE CONNECTING PART

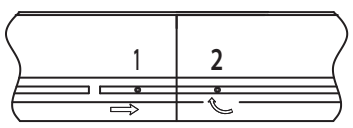


Fig. 10) ASSEMBLY OF HINGE ON LUMINAIRE

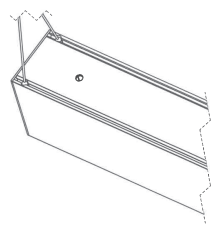
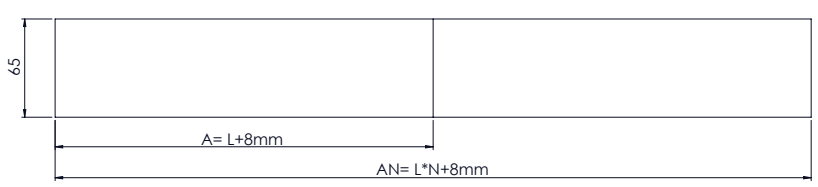


Fig. 11) MOUNTING HOLE



LENGTH A= L + 8mm
LENGTH AN= L * N +8mm

L= PROFILE LENGTH WITHOUT ENDINGS
N= NUMBER OF LUMINAIRES

Fig. 12) MOUNTING OF RECCESED LUMINAIRE

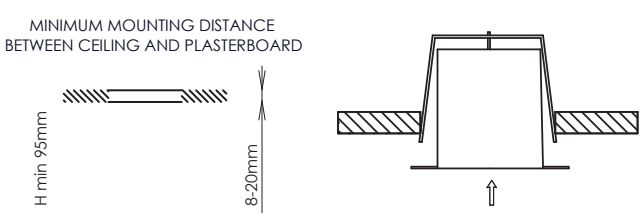
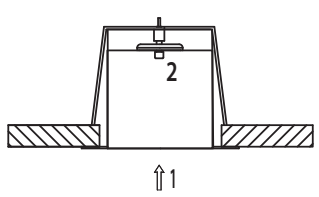


Fig. 13) SPRINGS REDUCTION



ASSEMBLY PROCEDURE:
(Use the included gloves when handling the reflector or diffuser)

Surfaced version on ceiling - SEPARATE
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig. 2). Pass the wire through the cable entry hole. Prepare the screw and spacer (Fig.3). Fix the fixture with screws into the pre-drilled holes (Fig.4) and connect the supply wires to the terminal board, which is located on the beam. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

Surfaced version on ceiling - INTERCONNECTED
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig. 2). Then prepare the coupling (Fig.5) and attach the endings 99-0296 with the brackets (Fig.6). Assembly endings 99-0296 on the first and last luminaire (Fig.7). First fix the front bracket to the profile and then tighten the front to the profile. Mount the couplings into the profile (Fig.7). The conductor is threaded through the conduit opening. Prepare the screw and spacer (Fig.3). Fix the fixtures with screws on the pre-drilled holes (Fig.4) and connect the fixtures (Fig.9). The supply conductor is connected to the terminal board, which is located on the beam and then the individual luminaires are connected by conductors of appropriate length and corresponding cross-section. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

Suspended version - SEPARATE
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig. 2). Thread the hinge 99-0275 into the grooves in the profile (Fig.10) and then close the threading holes with the supplied plug. The conductor is threaded through the conduit opening and connected to the terminal block, which is located on the beam. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

Suspended version - INTERCONNECTED
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig. 2). Then prepare the coupling (Fig.5) and endings 99-0296 with brackets (Fig.6). Assembly the ending 99-0296 on the first and last luminaire in the row (Fig.7). First fix the front bracket to the profile and then tighten the front to the profile. Mount the couplings into the profile (Fig.8). Thread the hinge 99-0275 into the grooves in the profile (Fig.10) and then close the threading holes with the supplied plug. Connect the luminaires (Fig.9). The conductor 99-0094 or 99-0095 is passed through the conduit opening and connected to the terminal block, which is located on the beam, and then the individual luminaires are connected by wires of appropriate length and corresponding cross section. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

Recessed version - SEPARATE
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig. 2). Insert the luminaire (Fig.12) into the hole (Fig.11) and then expand the springs by tightening the screw (Fig.13). The lead wire is connected to the terminal board located on the beam. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

Recessed version - INTERCONNECTED
By using the supplied tool, remove the diffuser from the luminaire (Fig.1). In the case of the SD version, we start on the side without the Opticom sensor. Use the tool to remove and hang out the beam (Fig.2). Then prepare the coupling (Fig.5) and endings 99-0297 with brackets (Fig.6). Mount the endings 99-0297 on the first and last luminaire in a row (Fig.7). First fix the front bracket to the profile and then tighten the front to the profile. Mount the couplings into the profile (Fig.8). Insert the luminaire (Fig.12) into the hole (Fig.11). Use the screw tightening to expand the springs (Fig.13). Connect the luminaires (Fig.9). The supply conductor is connected to the terminal board, which is located on the beam and then the individual luminaires are connected by a guide of appropriate length and corresponding cross section. Put the beam on the springs and slide it back into the luminaire. Finally, assembly the diffuser in the reverse procedure - starting with Opticom sensor.

TECHNICAL DETAILS:
- Rated voltage: 230V, 50Hz
- Light source: LED
- Degree of protection: IP 40
- Electrical accident protection class: I
- Suitable for direct mounting onto a normally inflammable basis - F: yes
- The luminaire satisfies requirements of all standards in force

WARNING:
- Check whether the mains specification satisfies the data mentioned on a luminaire plate before connecting it to the mains.
- Contact the customer service authorised centre for replacement of fluorescent tubes and batteries and for repairs, and insist on using original spare parts only. Not satisfying these instructions could result in loss of luminaire safety or in loss of warranty.
- This luminaire should only be used for a purpose for which it was manufactured. Any other usage shall be assumed to be unsuitable and therefore dangerous. The manufacturer bears no responsibility for any injury caused to persons or animals or for property damages caused by improper, faulty or inadequate usage.
- A luminaire must be disconnected from the mains before any interference with a luminaire, service or maintenance. An expert person, in terms of valid regulations concerning the competence to activities, should only perform these actions.
- The luminaire may only be connected to the mains, whose installation and protection satisfies standards in force.

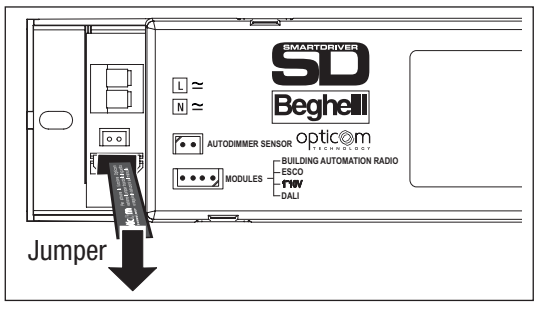
WARRANTY:
All products of the company Beghelli - Elplast, a.s. are made of the highest quality materials, thoroughly tested and guaranteed by the manufacturer to be free of defects in terms of existing legislative regulations. This warranty becomes invalid if mounting is not executed according to the instruction manual, the luminaire is damaged or modified or repaired by an unauthorised service centre of the company Beghelli - Elplast, a.s.
The product cannot be disposed as unsorted municipal waste. It must be collected separately to prevent negative environmental impacts. In accordance with the procedures of Directive 2002/96 and relevant national laws and regulations adopted pursuant to this Directive on the disposal of waste at the end of the life cycle of the product, any violation is sanctioned by law. Please inform yourselfabout the local separate collection system for electrical and electronic products.

FUNZIONI/ FUNCTIONS	AZIONI/ ACTIONS	IMPOSTAZIONI DI DEFAULT/ DEFAULT SETTINGS
Autodimmer (fig. D)	Collegare Sensore/ Connect Sensor	**Autodimmer:** abilitato - **Autocalibrazione:** abilitata - **Compensazione Autodimmer:** 500% **Autodimmer:** enable - **Autocalibration:** enable - **Autodimmer Compensation:** 500%
Opticom*	Collegare Sensore/ Connect Sensor Togliere Jumper/ Remove Jumper Programmazione con APP Opticom/ Programming with APP Opticom	**Codice di sblocco:** 10 - **Sensore di presenza:** disabilitato **Security code:** 10 - **Motion sensor:** disabled
Sensore di presenza/ Motion sensor	Collegare Sensore/ Connect Sensor Togliere Jumper/ Remove Jumper Abilitare Sensore di presenza da APP Opticom/ Enabling Motion sensor using APP Opticom	**Sensibilità:** media - **Ritardo:** 16 minuti **Sensibility:** med - **Delay:** 16 minutes

Opticom*

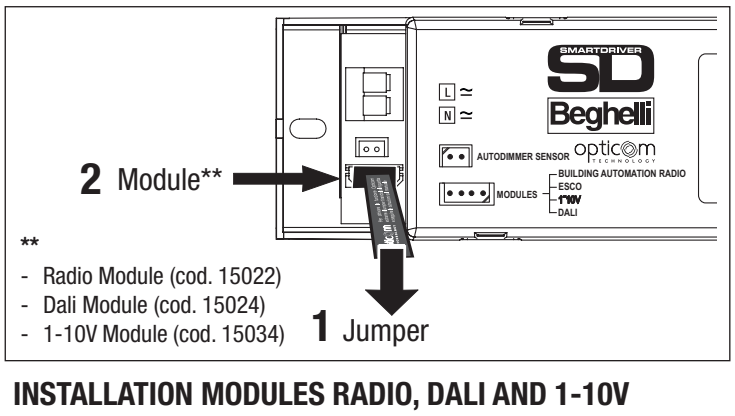
Attivazione funzione Opticom:

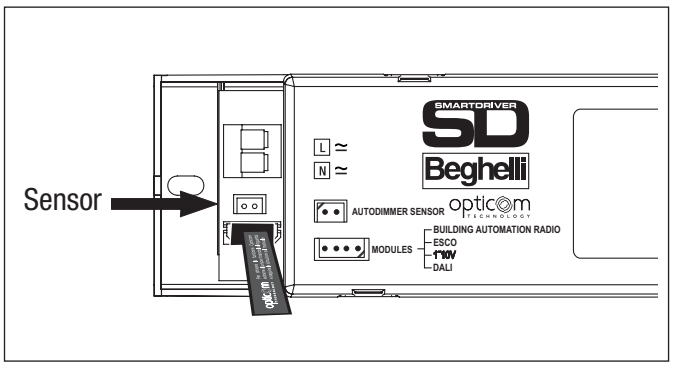
A- Estrarre il jumper dal circuito per abilitare le funzioni Opticom e procedere alla programmazione della lampada come indicato nel tutorial dell'App.
B- Aprire App Opticom tecnology (scaricabile su App Store e Google Play). L'elenco degli smartphone compatibili con l'App è consultabile su opticom.beghelli.it
C- Effettuare login inserendo user e password personali (al primo utilizzo è necessario registrarsi come nuovo utente).
D- Tramite l'App Opticom è possibile modificare le impostazioni di Autodimmer, Opticom e Sensore di presenza.

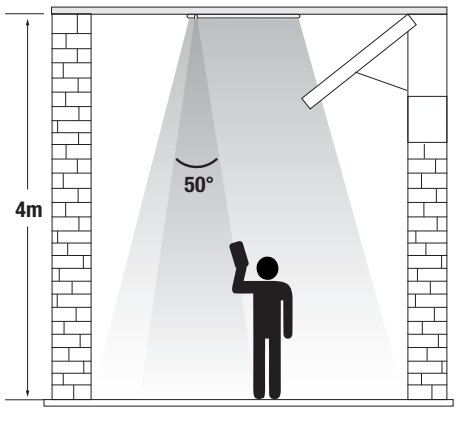


Opticom function activation:

A- Remove the jumper from the circuit to enable Opticom functions and proceed to programming the lamp as shown in the App tutorial.
B- Open App Opticom technology (available for download on the App Store and Google Play). The list of smartphones compatible with the App is available on opticom.beghelli.it
C- Make login with user and password (at the first use you must register as a new user).
D- Through the App Opticom you can change the Autodimmer settings, Opticom comunication and Motion sensor.







INSTALLATION MODULES RADIO, DALI AND 1-10V

- Before connecting the Modules remove the jumper.
- By connecting the Dali module (cod. 15024) and 1-10V module (cod. 15034), the Autodimmer functions, Opticom and Motion sensor are disabled.
- By connecting the Radio module (cod. 15022) the Opticom functions can be disabled by the SD Manager.

USING THE SENSOR AUTODIMMER (D)

Note: If the sensor is not connected, light fixture works at full power unless differently set from the Central Unit.
Important: keep the sensors away from any possibly aligned external light sources (D1).

USING THE RADIO MODULE (COD. 15022) (E)

For the functioning please refer to the instruction manuals either of the Central device (code 20102) or of the Radio Transmitter (code 20104) and the Radio Module (cod. 15022).
It is important to stick these labels as follows:
1 - the little label should be positioned on the plant drawing for an easy tracing of the luminare (picture E1);
2 - the medium and large labels should be positioned on the luminaire where the radio device is mounted in a way to be visible when the luminaire is installed (picture E2).
Install the radio circuit far from surfaces capable of creating radio jamming (metal surfaces, etc).

WARNINGS - GUARANTEE

- This device shall be used exclusively for the purpose for which it has been designed. Any other use is considered improper and therefore dangerous.
- Contact an authorised technical service centre for any repairs possibly required use only original spare parts. The lacked respect of the above conditions may compromise the safety of the device.