



**MICRO-RGB**  
code: APE-550/1038



# MICRO-**RGB**

**Segnalatore luminoso RGB a LED**  
RGB led signalling light  
Feu de signalisation RGB à LED  
LED-**RGB**-Lichtanzeige  
Luz de señalización rgb led



**Abexo**

**AB Tecno Srl**  
Via Cicogna 95 - 40068 San Lazzaro di Savena (BO)  
Tel: +39 051 6259580 - fax: +39 051 6259600  
info@abtecono.com - www.abtecono.com



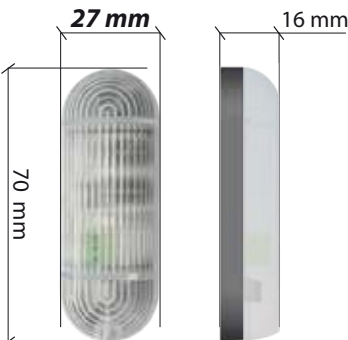
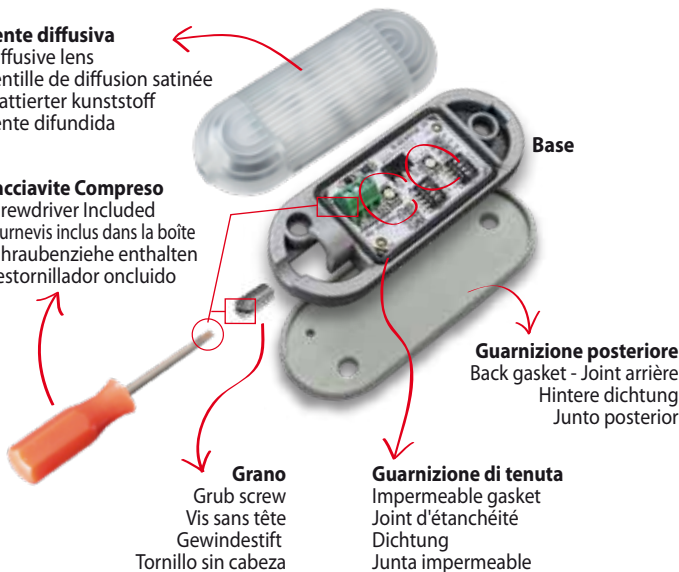
cod. MICRO-00024  
rev.0 - 10/2022

**Lente diffusiva**

Diffusive lens  
Lentille de diffusion satinée  
Mattierter kunststoff  
Lente difundida

**Cacciavite Compreso**

Screwdriver Included  
Tournevis inclus dans la boîte  
Schraubenziehe enthalten  
Destornillador oncluido



**Temperatura d'utilizzo: -20°C, +60°C**  
Operating temperature  
Température de fonctionnement  
Betriebstemperatur  
Temperatura de uso

**🇮🇹 Istruzioni di montaggio e utilizzo**

**🇬🇧 Assembly and use instructions**

**🇫🇷 Instructions de montage et d'utilisation**

**🇩🇪 Montage- und Gebrauchsanweisung**

**🇪🇸 Instrucciones de montaje y uso**

**🇮🇹** Utilizzare la dima per segnare i punti di fissaggio alla parete. In base al tipo di alimentazione disponibile, alimentare la scheda considerando, in caso di alimentazione 12/24Vdc, il morsetto **"COM"** come morsetto dove collegare il "meno". Nel MICRO-TRAFFIC è presente un **morsetto a tre poli**: comune + 2 poli per il collegamento indipendente della luce verde e rossa.

**🇬🇧** Use the template to mark the fixing points on the wall. Based on the available power, power the board considering, in case of 12/24Vdc power the **"COM"** clamp as the clamp where you connect the "negative". In the MICRO-TRAFFIC is present a **3-pole terminal**: one pole is shared, the other 2 are used for the independent connection of the green and red lights.

**🇫🇷** Utilisez le gabarit pour marquer les points de fixation sur le mur. En fonction de la puissance disponible, alimenter la carte en tenant compte, dans le cas d'alimentation 12/24Vdc, la pince **"COM"** comme la pince où vous connectez le "négatif". Dans le MICRO-TRAFFIC, il y a une **borne à 3 pôles**: un commun et 2 pôles pour la connexion autonome de la lumière verte et rouge.

**🇩🇪** Verwenden Sie die Schablone, um die Befestigungspunkte an der Wand zu markieren. Abhängig von der Art der Stromversorgung, speisen Sie die Karte, wobei Sie im Falle einer 12/24Vdc Stromversorgung die **"COM"** Klemme als eine Klemme betrachten, an der der negative Pol angeschlossen werden soll. In der MICRO-TRAFFIC gibt es eine **3-polige Klemme**: gemeinsam + 2 Pole zum unabhängigen Anschluss von grünem und rotem Licht.

**🇪🇸** Usa el escantillón para marcar los puntos de fijación en la pared. De acuerdo con el tipo de fuente de alimentación disponible, alimente la placa teniendo en cuenta, en el caso de la fuente de alimentación de 12/24 V CC, la terminal **"COM"** como un terminal donde conectar el "menos". En el MICRO-TRAFFIC está presente un **terminal tripolar**: un polo es compartido, los otros dos se utilizan para la conexión Independiente de las luces verdes y rojas.

Alimentazione Power supply Alimentation Versorgung Alimentación	MAX assorbimento MAX absorption Absorption MAXI Max. Leistungsbedarf MAX absorción (mA)	Luminosità min÷max (mcd) Brightness min÷max (mcd) Luminosité min÷max (mcd) Helligkeit min÷max (mcd) Brillo min÷max (mcd)		
		RED	GREEN	BLUE
24Vac +20% / -10%	55	180 ÷ 350	450 ÷ 850	180 ÷ 350
24Vdc +/-20%	35			
12Vdc +10% / -5%	25			

## Tabella di selezione dei DIP SWITCH - In base ai collegamenti sui morsetti "RED" e "GREEN" si avranno combinazioni di led differenti

Selection table of DIP-SWITCHES - According to the connections on terminals "RED" e "GREEN" the lights will light up in different color combinations  
 Tableau de sélection DIP-SWITCH - Selon les branchements aux bornes "RED" et "GREEN" les voyants s'allumeront avec différentes combinaisons de couleurs  
 DIP-SWITCH-Auswahltable - Nach den Anschlüssen an den Klemmen "RED" und "GREEN" wird die Lichtanzeige unterschiedliche LED-Kombinationen ergeben  
 Tabla de selección DIP-SWITCH - Según las conexiones a los terminales "RED" y "GREEN" las luces se encenderán con diferentes combinaciones de colores

DIP-SWITCH	COLORI LED / LED COLORS / COULEURS LED / LED-FARBEN / COLORES LED											
	INPUT Red - / red	INPUT Green green / -	INPUT Red red / red	INPUT Green green / green	INPUT Red - / blue	INPUT Green green / -	INPUT Red - / red	INPUT Green blue / -	INPUT Red - / blue	INPUT Green blue / -	INPUT Red blue / blue	INPUT Green blue / blue
	INPUT <input type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input type="checkbox"/>	INPUT <input type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input type="checkbox"/>	INPUT <input type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input type="checkbox"/>	INPUT <input type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Red <input checked="" type="checkbox"/>	INPUT <input checked="" type="checkbox"/> Green <input checked="" type="checkbox"/>
SW1 - 1			ON	ON								
SW1 - 2			ON	ON								
SW1 - 3											ON	ON
SW1 - 4												
SW2 - 1	ON	ON	ON	ON			ON	ON				
SW2 - 2					ON	ON			ON	ON	ON	ON
SW2 - 3	ON	ON	ON	ON	ON	ON						
SW2 - 4							ON	ON	ON	ON	ON	ON



**COLLEGAMENTI**  
 CONNECTIONS  
 CONNEXIONS  
 VERBINDUNGEN  
 CONEXIONES  
 (- RED / + COM / - GREEN)



DIP-SWITCH 1 (SW1)

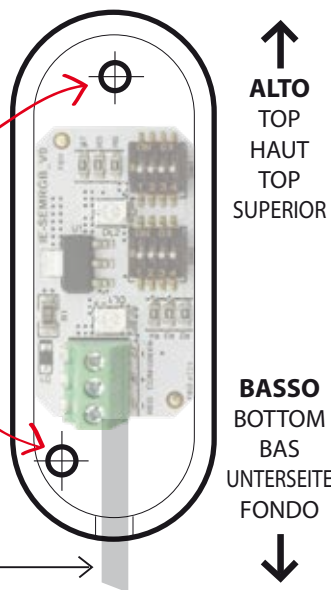
DIP-SWITCH 2 (SW2)

**DIMA PER FORATURA**  
 TEMPLATE FOR THE DRILLING  
 GABARIT DE PERÇAGE  
 SCHABLONE FÜR DIE DURCHBOHRUNG  
 ESCANTILLÓN PARA HORADAR

**Forare con punta Ø4**  
 drill with Ø4 tip  
 percer avec pointe Ø4  
 mit Ø4 Spitze bohren  
 taladro con punta de Ø4

**Scala 1:1**  
 1:1 Scale - Échelle 1:1  
 Maßstab 1:1 - Escala 1:1

**Cavo elettrico verso il basso**  
 Electrical cable downwards  
 Câble électrique vers le bas  
 Stromkabel nach unten  
 Cabo eléctrico hacia abajo



## DECLARATION OF EU CONFORMITY

Product: LED SIGNALLING LIGHT / Model: MICRO-RGB  
 Manufacturer: AB TECNO S.r.L. - Via Cicogna, 95 - 40068 San Lazzaro di Savena (BO)  
 The Manufacturer declares under its own responsibility that the product covered by the declaration meets all the provisions applicable in the following Directives:  
**2014/35/EU** - on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment intended for use within certain voltage limits.

**2014/30/EU** - for the harmonization of the laws of the Member States relating to electromagnetic compatibility and complies with the relevant harmonization legislation of the Union: **CEI EN 60947-1: 2008/A1: 2012/A2: 2015, CEI EN 60947-5-1: 2005/A1: 2010**

Bologna, 01/02/2018

AB TECNO's CEO  
 Ulisse Pagani



*Ulisse Pagani*

Come richiesto dalla Direttiva 2012/19/CE concernente i Rifiuti di Apparecchiature Elettroniche ed Elettriche (RAEE) è necessario: non smaltire i RAEE come rifiuti municipali misti ed effettuare una raccolta separata di tali RAEE; rivolgersi al proprio comune di residenza per informazioni circa i centri di raccolta separata per i RAEE.

Il presente simbolo a posto sul dispositivo elettronico, indica la raccolta differenziata delle apparecchiature elettriche ed elettroniche (Rif. Direttiva 2012/19/CE). L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchio dismesso al riciclaggio, al trattamento e allo smaltimento ambientalmente compatibili e contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riciclo dei materiali cui è composto il prodotto.

As required by the Directive 2012/19/CE concerning the Waste of Electronic and Electrical Equipment (WEEE) it is necessary: to not dispose of WEEE as municipal mixed waste and make a separate collection of such WEEE; contact your municipality of residence for information about the separate collection centers for WEEE. This symbol on the electronic device indicates the separate collection of electrical and electronic equipment (Ref. Directive 2012/19/CE). Appropriate separate waste collection for the subsequent start-up of the disposed appliance to environmentally compatible recycling and treatment and helps to avoid possible negative effects on the environment and on health and favors the recycling of the materials to which the product is composed.