

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

**MICRO
FLASH**

**MICRO
TRAFFIC**

Semaforo a LED per varchi pedonali
 LED traffic light for pedestrians
 Feu de circulation LED pour piétons
 LED-Ampel für Fußgänger
 Semáforo LED para peatonos

**sul retro - on the back - au dos
 auf der Rückseite - detrás >>>**

Lampeggiatore a LED da parete
 Wall flashing LED
 Clignotant LED mural
 Led-Wandblinkleuchte
 Flash LED de pared

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-00012
 rev.0 - 11/2018

Lente diffusiva
 Diffusive lens
 Lentille de diffusion satinée
 Diffuse Linse
 Lente difundida

Guarnizione di tenuta
 Impermeable gasket
 Joint d'étanchéité
 Dichtung
 Junta impermeable

Cacciavite Compreso
 Screwdriver Included
 Tournevis inclus dans la boîte
 Schraubenzieher inbegriffen
 Destornillador oncluido

Grano
 Grub screw
 Vis sans tête
 Gewindestift
 Tornillo sin cabeza

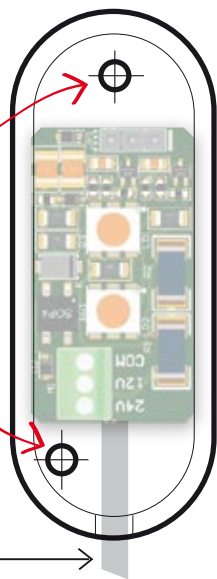
Guarnizione posteriore
 Back gasket
 Joint arrière
 Hintere Dichtung
 Junto posterior

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

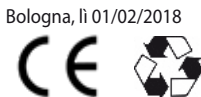
Cavo elettrico verso il basso
 Electrical cable downwards
 Câble électrique vers le bas
 Stromkabel nach unten
 Cabo eléctrico hacia abajo



ALTO
 TOP
 HAUT
 TOP
 SUPERIOR

DECLARATION OF EU CONFORMITY

Product: WALL FLASHING LED / Model: MICRO-FLASH
 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 electro-magnetic 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**



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 dimesmo 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.

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". Attraverso il JUMPER presente sulla scheda è possibile selezionare lampeggio (jumper su centrale + dx) o luce fissa (jumper su centrale e sx).

Alimentazione	MAX assorbimento (mA)	Luminosità (lm)
24Vac +20% / -10%	62	45
24Vdc +/-20%	55	45
12Vdc +10% / -5%	70	40

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". Through the JUMPER in the board it's possible to select a lighting (jumper in the middle + dx - right) or fixed light (jumper in the middle and sx - left).

Power supply	MAX absorption (mA)	Brightness (lm)
24Vac +20% / -10%	62	45
24Vdc +/-20%	55	45
12Vdc +10% / -5%	70	40

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". Grâce au JUMPER dans la carte, il est possible de sélectionner un éclairage (JUMPER au milieu + dx - droit) ou fixe (JUMPER au milieu et sx - gauche).

Alimentation	Absorption MAXI (mA)	Luminosité (lm)
24Vac +20% / -10%	62	45
24Vdc +/-20%	55	45
12Vdc +10% / -5%	70	40

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. Durch den JUMPER auf der Platine ist es möglich, blinkend (Jumper auf Zentral + dx - rechts) oder festes Licht (Jumper auf Zentral und sx - links) auszuwählen.

Versorgung	Max. Leistungsbedarf (mA)	Helligkeit (lm)
24Vac +20% / -10%	62	45
24Vdc +/-20%	55	45
12Vdc +10% / -5%	70	40

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 12/24V CC, la terminal "COM" como un terminal donde conectar el "menos". A través del JUMPER en el tablero, es posible seleccionar flasheo (jumper en la unidad central + derecha) o luz fija (jumper en sensor y izquierda).

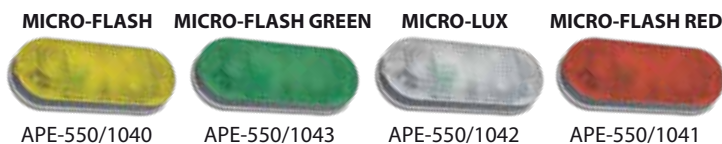
Alimentación	MAX absorción (mA)	Brillo (lm)
24Vac +20% / -10%	62	45
24Vdc +/-20%	55	45
12Vdc +10% / -5%	70	40

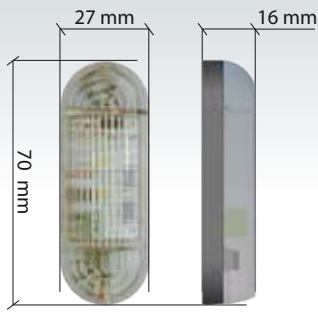
**POSIZIONE JUMPER - JUMPER POSITION
 POSITION DU JUMPER - JUMPER POSITION
 POSICIÓN DEL SALTADOR**

Luce lampeggiante - Flashing light
 Feu clignotant - Blinklicht - Luz intermitente

Luce fissa - Fix light
 Lumière fixe - Festes Licht - Luz fija

**COLLEGAMENTI - CONNECTIONS
 CONNECTIONS - VERBINDUNGEN
 CONEXIONES**





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 Semaforo LED para peatones

Istruzioni di montaggio e utilizzo

Assembly and use instructions

Instructions de montage et d'utilisation

Montage- und Gebrauchsanweisung

Instrucciones de montaje y uso



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Led a luce rossa - Red led light
 Led avec lumière rouge - Led-licht rot - Luz led roja

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

Base

Led a luce verde
 Green led light
 Led avec lumière verte
 Led-licht grün
 Luz led verde

Guarnizione posteriore
 Back gasket - Joint arrière
 Hintere dichtung
 Junta posterior

Grano Grub screw - Vis sans tête
 Gewindestift - Tornillo sin cabeza

Guarnizione di tenuta
 Impermeable gasket
 Joint d'étanchéité - Dichtung - Junta impermeable

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.

Alimentazione	RED		GREEN	
	MAX assorbimento (mA)	Luminosità (lm)	MAX assorbimento (mA)	Luminosità (lm)
24Vac +20% / -10%	55	6	55	6,5
24Vdc +/-20%	35	6	35	6,5
12Vdc +10% / -5%	25	6	20	6,5

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.

Power supply	RED		GREEN	
	MAX absorption (mA)	Brightness (lm)	MAX absorption (mA)	Brightness (lm)
24Vac +20% / -10%	55	6	55	6,5
24Vdc +/-20%	35	6	35	6,5
12Vdc +10% / -5%	25	6	20	6,5

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.

Alimentation	ROUGE		VERT	
	Absorption MAXI (mA)	Brightness (lm)	Absorption MAXI (mA)	Luminosité (lm)
24Vac +20% / -10%	55	6	55	6,5
24Vdc +/-20%	35	6	35	6,5
12Vdc +10% / -5%	25	6	20	6,5

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.

Versorgung	ROT		GRÜN	
	Max. Leistungsbedarf (mA)	Helligkeit (lm)	Max. Leistungsbedarf (mA)	Helligkeit (lm)
24Vac +20% / -10%	55	6	55	6,5
24Vdc +/-20%	35	6	35	6,5
12Vdc +10% / -5%	25	6	20	6,5

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.

Alimentación	ROJO		VERDE / AZUL	
	MAX absorción (mA)	Brillo (lm)	MAX absorción (mA)	Brillo (lm)
24Vac +20% / -10%	55	6	55	6,5
24Vdc +/-20%	35	6	35	6,5
12Vdc +10% / -5%	25	6	20	6,5

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 TEMPLATE FOR THE DRILLING
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 SCHABLONE FÜR DIE DURCHBOHRUNG
 ESCANTILLÓN PARA HORADAR

ALTO
 TOP
 HAUT
 TOP
 SUPERIOR

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

Scala 1:1
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Cavo elettrico verso il basso
 Electrical cable downwards
 Câble électrique vers le bas
 Stromkabel nach unten
 Cabo eléctrico hacia abajo

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