



ASFERA200R230 - ASFERA200G230 - ASFERA200V230 - ASFERA200L1R230 - ASFERA200L1G230 -
ASFERA200L1V230 - ASFERA200L2RV230 - ASFERA200L3RGV230

Moving Ideas.



AVVERTENZE



Questo manuale di istruzioni contiene importanti informazioni riguardanti la sicurezza: leggere attentamente tutte le istruzioni prima di procedere all'installazione. Stagnoli T.G. S.r.l. non si assume alcuna responsabilità per danni dovuti ad un uso improprio, erraneo ed irragionevole del prodotto. Conservare con cura questo manuale anche per utilizzi futuri. L'installazione del semaforo, la sostituzione della sorgente luminosa e la sostituzione del cavo di alimentazione può essere eseguita solo da personale qualificato. Durante l'installazione del semaforo, installare anche un dispositivo di disconnessione con caratteristiche tecniche adeguate che disconnetta neutro e fase (non fornito con il prodotto).

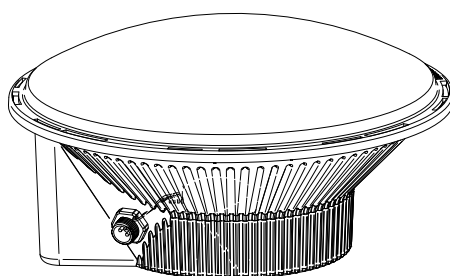
DESTINAZIONI E LIMITI D'USO

ERA200 è il semaforo progettato e prodotto da Stagnoli T.G. S.r.l.
ERA200 è stato pensato per uso stradale, industriale, commerciale e logistico.

IT

CARATTERISTICHE TECNICHE

DATI TECNICI MODULI A LED



Lanterna	Ø200 mm
Intensità luminosa	Rosso > 400 cd Giallo > 400 cd Verde > 400 cd
Funzione attenuato (dimmer)	Giorno 230V 100% / Notte 180V 50%
Tensione di funzionamento	Giorno 210-255 Vac / Notte 170-190 Vac
Tipo LED	Ad alta efficienza
Consumo	< 10 W
EMC	EN 50293 : classe B
Fattore di potenza	> 0.5
Temperatura di funzionamento	-40 / +60 °C
Grado di protezione	EN 60529 : IP55
Materiale corpo modulo LED	Polycarbonato stabilizzato UV colore nero
Materiale lente modulo LED	Polycarbonato stabilizzato UV colore trasparente fumé
Peso	< 0.6 Kg
Dimensioni di ingombro	Ø213 x 106 mm
Resistenza ad impatto	Classe IR3

DICHIARAZIONE DI CONFORMITÀ



Il sottoscritto:
Albiero Lara
Legale rappresentante di Stagnoli T.G. S.r.l.

Il produttore:
Stagnoli T.G. S.r.l.

DICHIARA
che i prodotti denominati:
Serie ERA200,
modelli: ASFERA200R230 - ASFERA200G230 - ASFERA200V230 - ASFERA200L1R230 - ASFERA200L1G230 -
ASFERA200L1V230 - ASFERA200L2RV230 - ASFERA200L3RGV230
sono
CONFORMI

DATI TECNICI DAI RISULTATI DELLE PROVE DI CONFORMITÀ

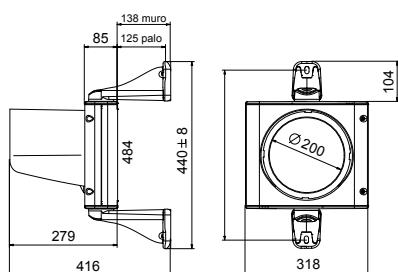
	Ø200 mm			NORMA
	Rosso	Giallo	Verde	
Intensità luminosa misurata	500 cd	500 cd	500 cd	EN 12368
Classe di intensità tipo W	B 3/2	B 3/2	B 3/2	EN 12368
Classe di intensità tipo M	A 3/0	A 3/0	A 3/0	EN 12368
Classe di intensità tipo N	A 3/0; B 3/2	A 3/0; B 3/2	A 3/0; B 3/2	EN 12368
Uniformità di luminanza	W-M $\geq 1:10$; N $\geq 1:15$			EN 12368
Classe segnale fantasma	3	3	3	EN 12368
Classe ambientale	A - B - C			EN 60068
Grado di protezione	IP 44			EN 60529
Resistenza all'impatto	IR3			EN 12368
Resistenza alle vibrazioni	Conforme			EN 60068
Classe di isolamento	Classe II			EN 60598
Funzione attenuato (dimmer)	Classe D1			EN 12368
	250 cd	250 cd	250 cd	
Segnale luminoso con simbolo	S 1			EN 12368

Questa dichiarazione viene emessa sotto la sola responsabilità del costruttore e, se applicabile, del suo rappresentante autorizzato.

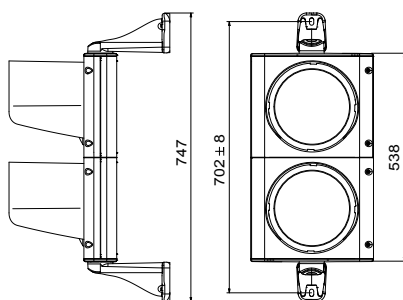
Lonato del Garda, 12/09/2024
(Luogo e data)


(Firma)

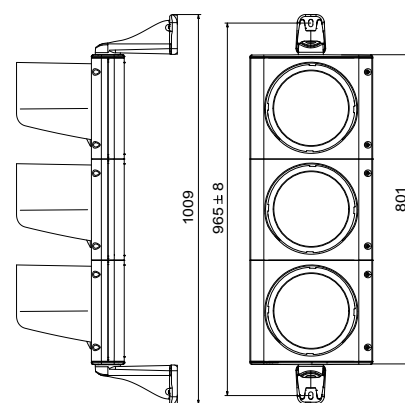
DIMENSIONI ED INGOMBRI



SEMAFORO A 1 LUCE

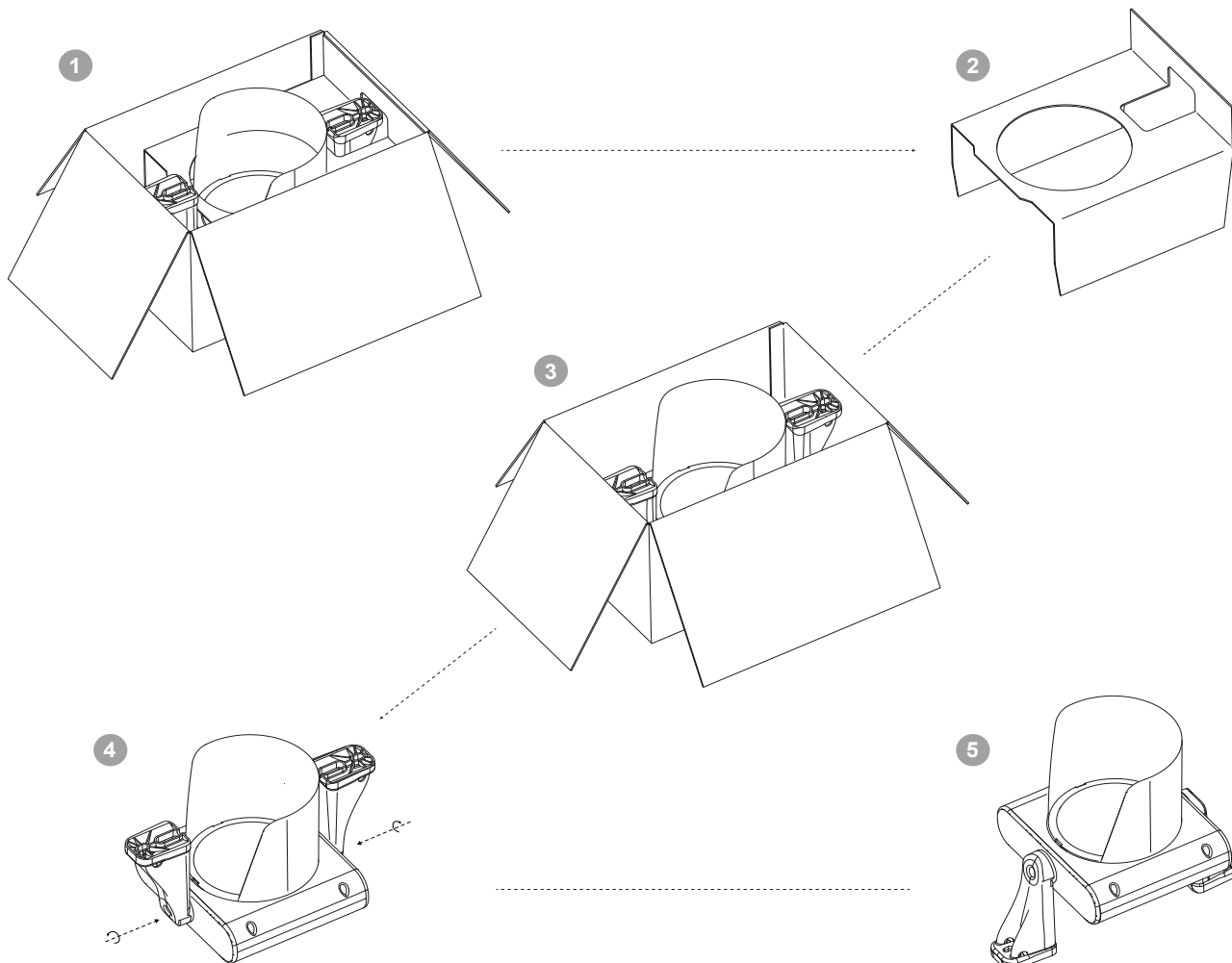


SEMAFORO A 2 LUCI



SEMAFORO A 3 LUCI

1. UNBOXING

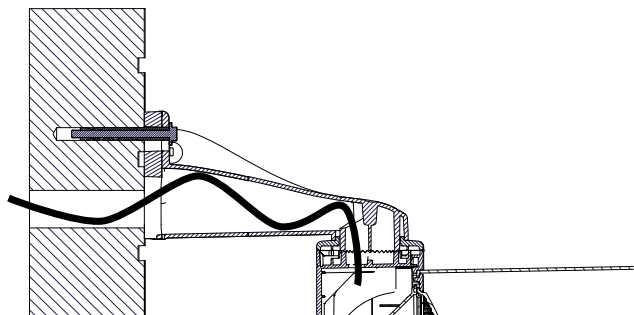


INFORMAZIONI UTILI

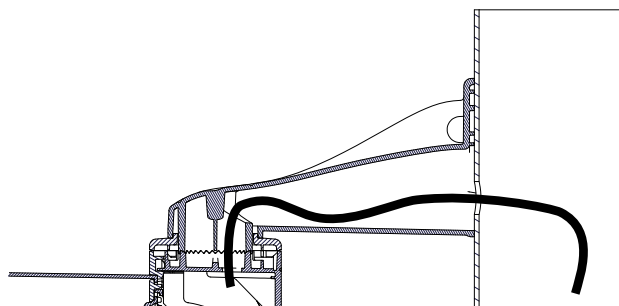
Un kit di montaggio è fornito con il prodotto e include viti, tasselli, cavo e un adattatore per le staffe di montaggio a parete.

2. PASSAGGIO CAVO

PASSAGGIO A MURO



PASSAGGIO A PALO

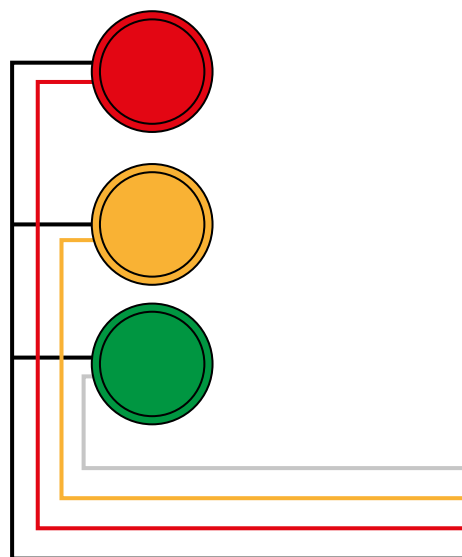


3.1 CABLAGGIO

Una volta aperto lo sportello frontale, eseguire il cablaggio in base al modello di riferimento.

ASFERA200L3RGV230

Semaforo a 3 luci,
rosso giallo e verde

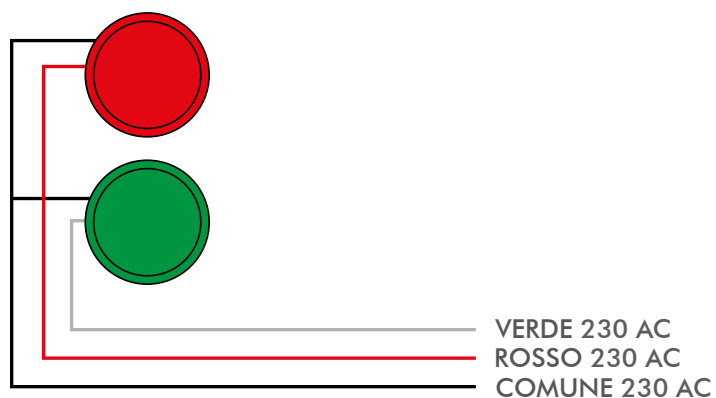


VERDE 230 AC
GIALLO 230 AC
ROSSO 230 AC
COMUNE 230 AC

3.2 CABLAGGIO

ASFERA200L2RV230

Semaforo a 2 luci, rosso e verde



ASFERA200L1R230

Semaforo a 1 luce, rosso



ASFERA200L1G230

Semaforo a 1 luce, giallo



ASFERA200L1V230

Semaforo a 1 luce, verde

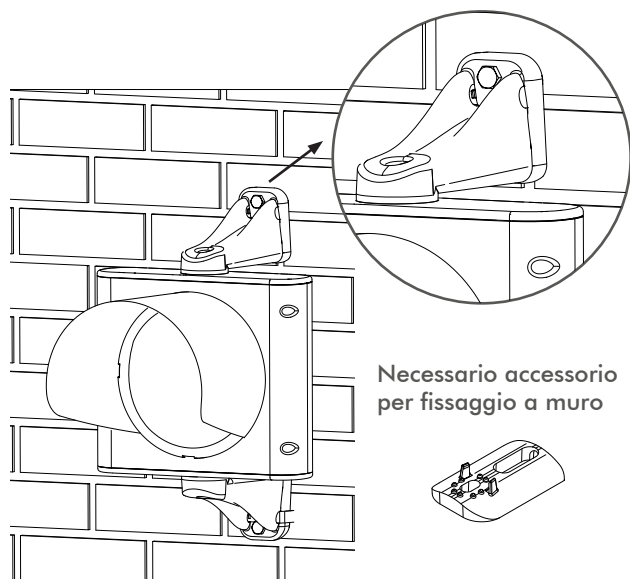


IT

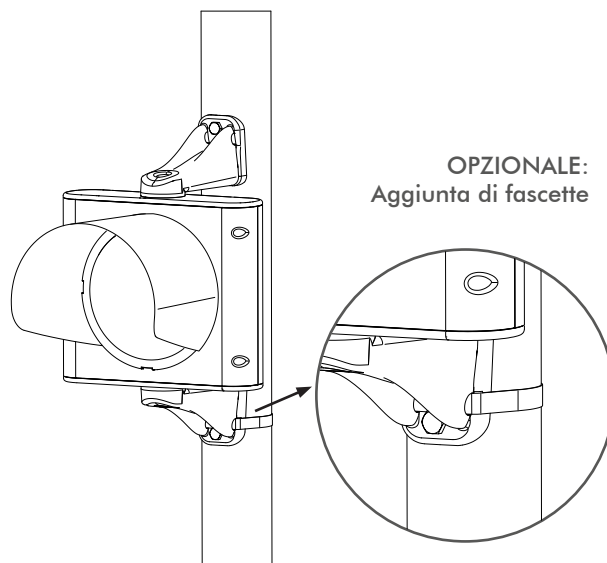
EN

4. FISSAGGIO

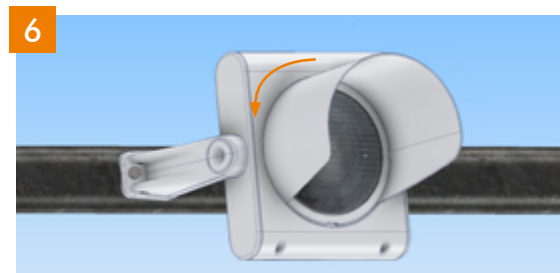
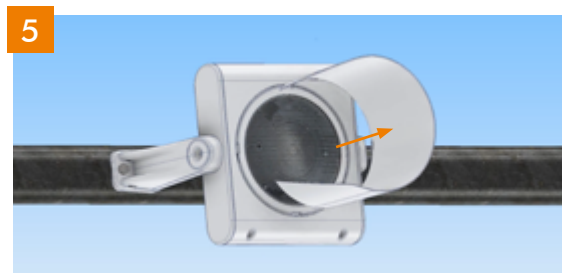
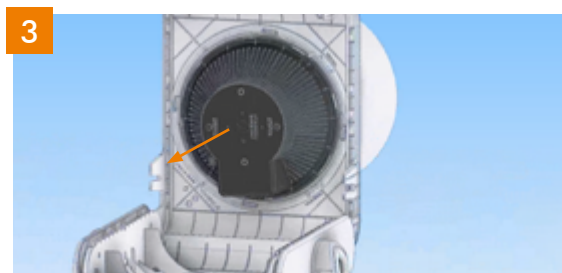
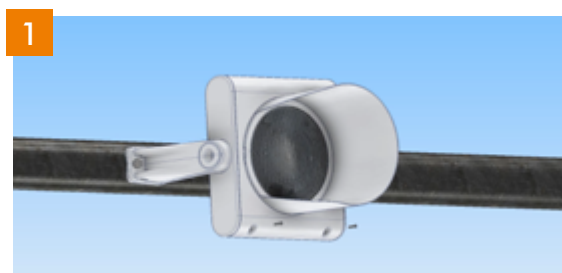
FISSAGGIO A MURO



FISSAGGIO A PALO

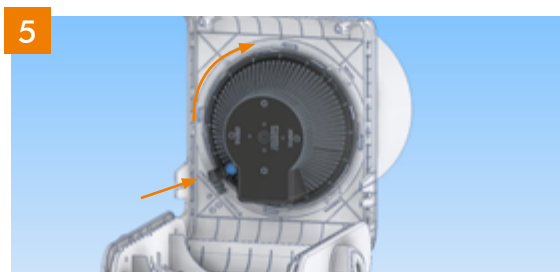
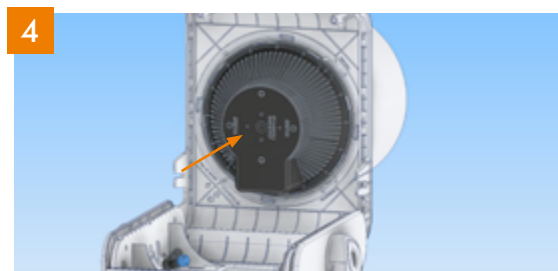
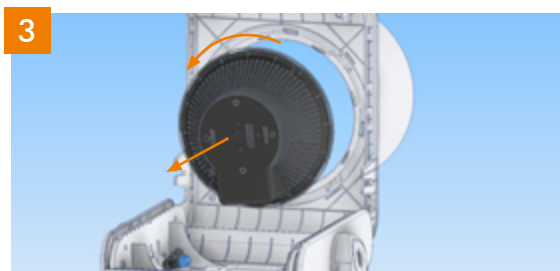
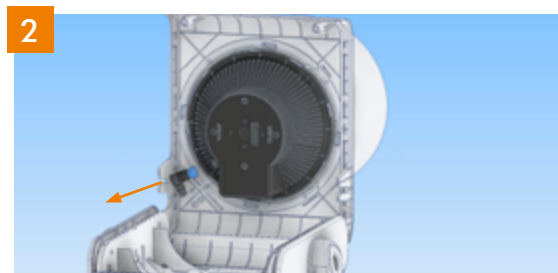


5. CAMBIO DI ORIENTAMENTO: DA VERTICALE A ORIZZONTALE



Clicca qui → [VIDEO](#)

6. MANUTENZIONE



Clicca qui → [VIDEO](#)

7. PULIZIA



Prodotti CONSIGLIATI per detergere lenti semaforiche e corpi semaforici in Makrolon (senza rovinarli)

ACQUA DEMINERALIZZATA E SAPONE NEUTRO: l'acqua demineralizzata, meglio se tiepida, con aggiunta di sapone neutro è sufficiente per sciogliere lo sporco senza rischiare di danneggiare il polycarbonato o eventuali trattamenti.

PANNO IN MICROFIBRA: passa delicatamente il panno per la pulizia a secco o per l'asciugatura dopo il lavaggio per evitare di graffiare la superficie.



Prodotti da NON USARE

MATERIALI ABRASIVI O INADATTI: carta assorbente, fazzoletti di carta, carta igienica, tovaglioli di carta, panni sporchi o ruvidi, spugne abrasive, spazzole dure, spazzole metalliche, idropulitrice, saliva.

PRODOTTI CHIMICI DA EVITARE: alcol denaturato, alcol isopropilico puro, acetone, solventi, diluente, trielina, acquaragia, candeggina e prodotti a base di candeggina, ammoniaca e detergenti per vetri contenenti ammoniaca, detergenti per la casa aggressivi, saponi per le mani con lozioni o profumi, detersivi per bucato concentrati.

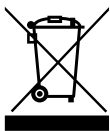


SMALTIMENTO



I componenti dell'imballo, cartone o plastiche, possono essere riciclati attraverso la raccolta differenziata. Nel caso di smaltimento del prodotto invece occorre fare molta attenzione ai componenti che possono contenere sostanze inquinanti quali schede elettroniche etc., che devono essere recuperati o smaltiti nei centri appositi o presso le ditte autorizzate. In questo caso occorre fare riferimento alle specifiche normative vigenti nel luogo di smaltimento.

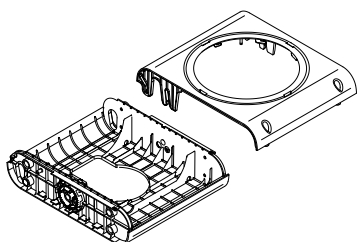
NON DISPERDERE NELL'AMBIENTE.



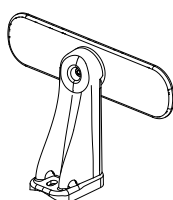
Il simbolo del cestino barrato riportato sull'apparecchio indica che il prodotto, alla fine della propria vita utile, dovendo essere trattato separatamente dai rifiuti domestici, deve essere conferito in un centro di raccolta differenziata per apparecchiature elettriche ed elettroniche oppure riconsegnato al rivenditore al momento dell'acquisto di una nuova apparecchiatura equivalente.

L'utente è responsabile del conferimento dell'apparecchio a fine vita alle appropriate strutture di raccolta. L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchio dismesso al riciclaggio, al trattamento e allo smaltimento ambientalmente compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riciclo dei materiali di cui è composto il prodotto. Per informazioni più dettagliate inerenti i sistemi di raccolta disponibili, rivolgersi al servizio locale di smaltimento rifiuti, o al negozio in cui è stato effettuato l'acquisto.

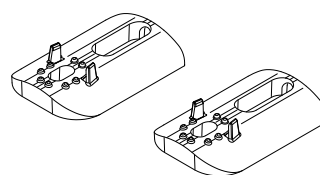
RICAMBI



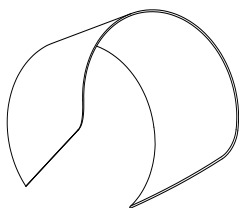
RSSE0010 ricambio corpo ERA200
singolo modulo + viteria



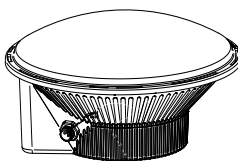
RSSE0011 ricambio staffa e
coperchio ERA200



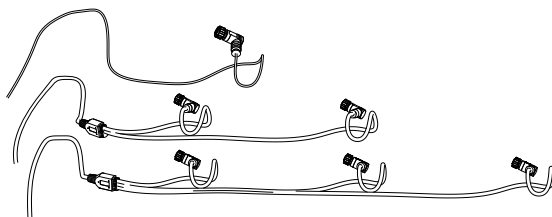
RSSE0012 ricambio kit
adattatori muro ERA200



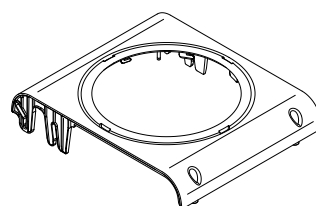
RSSE0013 ricambio parasole
singolo ERA200



RSSE0014 ricambio modulo lanterna verde 230V ERA200
RSSE0015 ricambio modulo lanterna gialla 230V ERA200
RSSE0016 ricambio modulo lanterna rossa 230V ERA200



RSSE0017 ricambio cavo ERA200 2x18 AWG per modulo una luce
RSSE0017 ricambio cavo ERA200 3x18 AWG per modulo due luci
RSSE0017 ricambio cavo ERA200 4x18 AWG per modulo tre luci



RSSE0020 ricambio sportello ERA200



WARNING



This instruction manual contains important information concerning safety: read all instructions carefully before proceeding with installation. Stagnoli T.G. S.r.l. assumes no responsibility for damage caused by an improper, erroneous and unreasonable use of the product. Keep this manual carefully for future use as well. Installation of the traffic light, replacement of the light source and replacement of the power cable may only be carried out by qualified personnel. When installing the traffic light, also install a disconnection device with appropriate technical characteristics that disconnects neutral and phase (not supplied with the product).

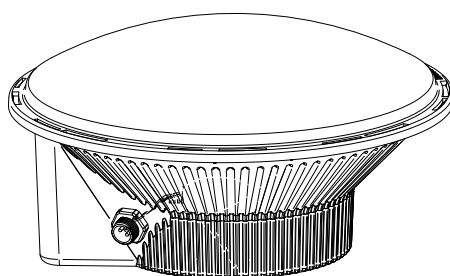
DESTINATIONS AND LIMITS OF USE

ERA200 is the traffic light designed and produced by Stagnoli T.G. S.r.l.
The ERA200 is designed for road, industrial, commercial and logistical use.

IT

TECHNICAL FEATURES

LED MODULE TECHNICAL DATA



Lantern	Ø200 mm
Luminous intensity	Red > 400 cd Yellow > 400 cd Green > 400 cd
Dimmer	Day 230V 100% / Night 180V 50%
Operating voltage	Day 210-255 Vac / Night 170-190 Vac
LED type	High efficiency
Power consumption	< 10 Wh
EMC	EN 50293 : class B
Power factor	> 0.5
Temperature range	-40 / +60 °C
IP rating	EN 60529 : IP55
LED module body material	UV stabilized polycarbonate black color
LED module lens material	UV stabilized polycarbonate smoked transparent color
Weight	< 0.6 Kg
Overall dimensions	Ø213 x 106 mm
Impact resistance	Class IR3

DECLARATION OF CONFORMITY



The undersigned:
Albiero Lara
Legal representative of Stagnoli T.G. S.r.l.

The manufacturer:
Stagnoli T.G. S.r.l.

DECLARES
that the products named:
ERA200 series,
models: ASFERA200R230 - ASFERA200G230 - ASFERA200V230 - ASFERA200L1R230 - ASFERA200L1G230 -
ASFERA200L1V230 - ASFERA200L2RV230 - ASFERA200L3RGV230

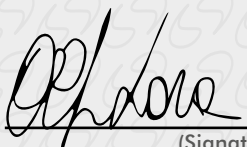
COMPLY

TECHNICAL DATA FROM THE RESULTS OF COMPLIANCE TESTING

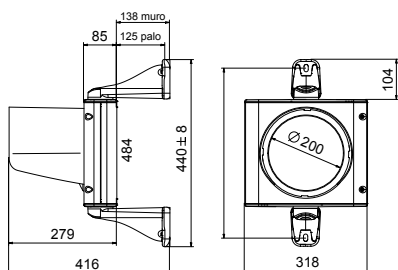
	Ø200 mm			NORM
	Red	Yellow	Green	
Measured light intensity	500 cd	500 cd	500 cd	EN 12368
Intensity class type W	B 3/2	B 3/2	B 3/2	EN 12368
Intensity class type M	A 3/0	A 3/0	A 3/0	EN 12368
Intensity class type N	A 3/0; B 3/2	A 3/0; B 3/2	A 3/0; B 3/2	EN 12368
Luminance uniformity	W-M $\geq 1:10$; N $\geq 1:15$			EN 12368
Maximum phantom signal ratio	3	3	3	EN 12368
Temperature range	A – B – C			EN 60068
Protection	IP 44			EN 60529
Impact resistance	IR3			EN 12368
Random vibration	Approved			EN 60068
IP rating	Class II			EN 60598
Dimmer	Class D1			EN 12368
	250 cd	250 cd	250 cd	
Symbol class	S 1			EN 12368

This declaration is issued under the sole responsibility of the manufacturer and, if applicable,
his authorized representative

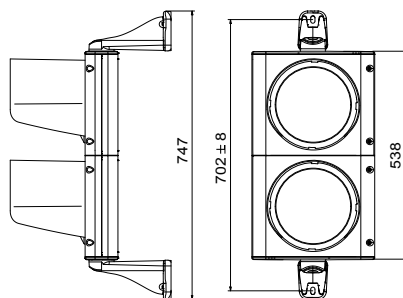
Lonato del Garda, 12/09/2024
(Place and date)


(Signature)

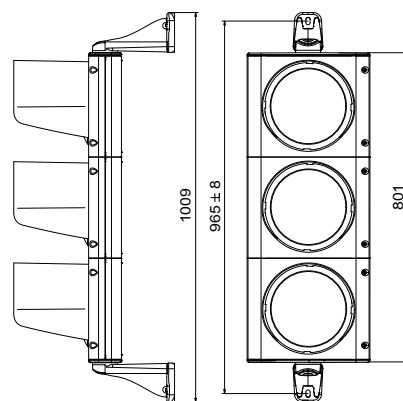
DIMENSIONS AND SIZE



TRAFFIC LIGHT WITH
1 LIGHT

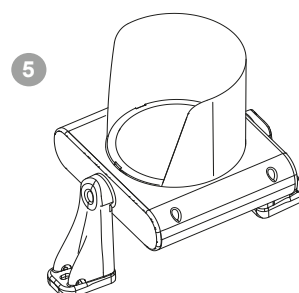
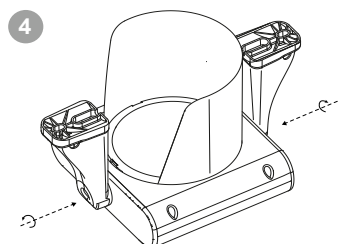
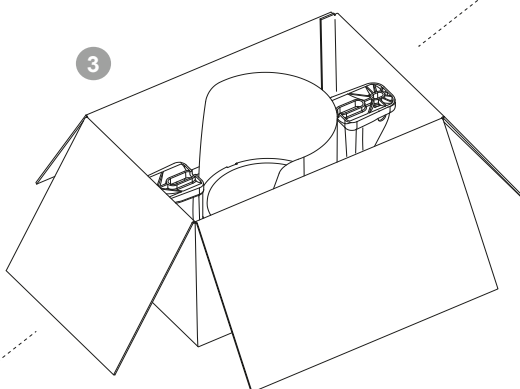
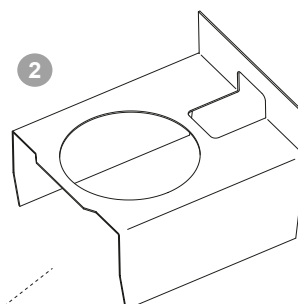
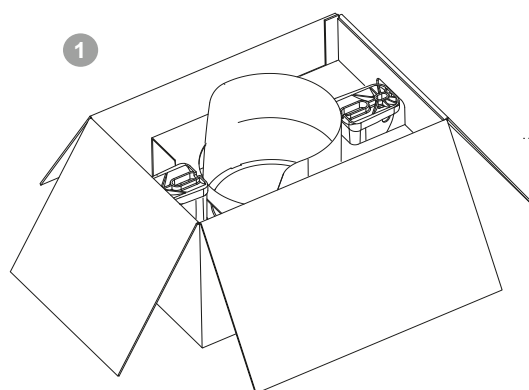


TRAFFIC LIGHT WITH
2 LIGHTS



TRAFFIC LIGHT WITH
3 LIGHTS

1. UNBOXING

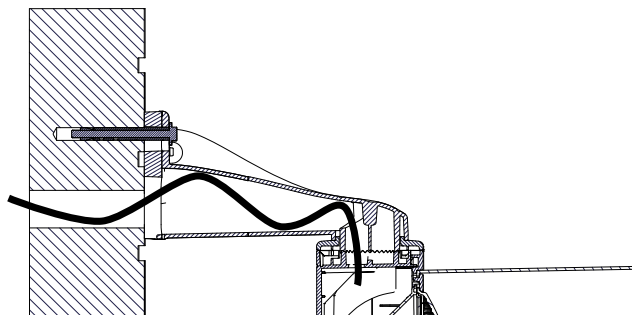


USEFUL INFORMATION

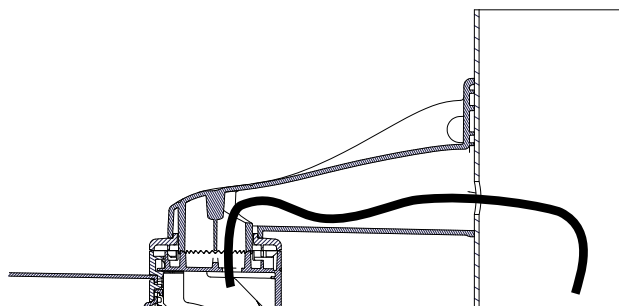
A mounting kit is supplied with the product, which includes screws, dowels, cable and adapter for wall mounting brackets.

2. CABLE MANAGEMENT

WALL



POLE

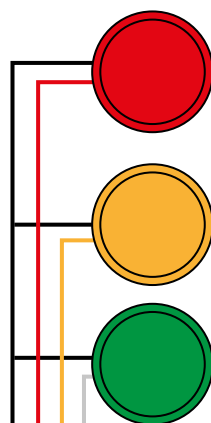


3.1 WIRING

Once the front door is open, perform wiring according to the reference model.

ASFERA200L3RGV230

Traffic light with 3 lights,
red yellow and green



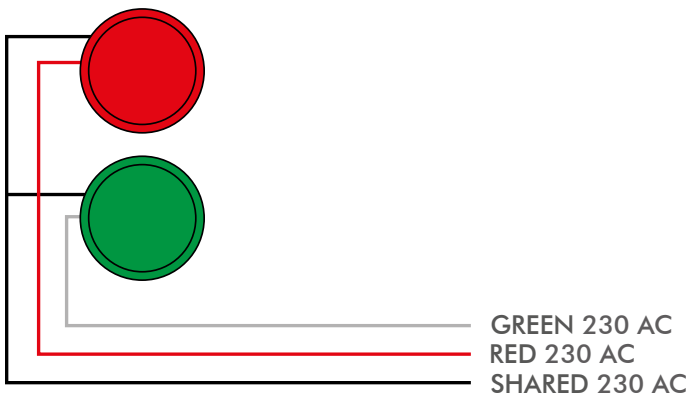
GREEN 230 AC
YELLOW 230 AC
RED 230 AC
SHARED 230 AC

3.2 WIRING

IT

ASFERA200L2RV230

Traffic light with 2 lights,
red and green



ASFERA200L1R230

Traffic light with 1 light,
red



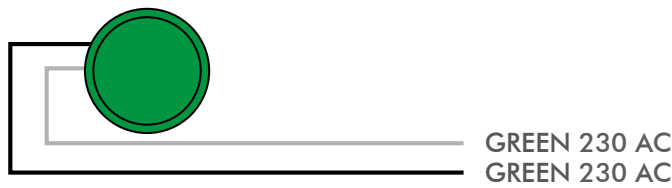
ASFERA200L1G230

Traffic light with 1 light,
yellow



ASFERA200L1V230

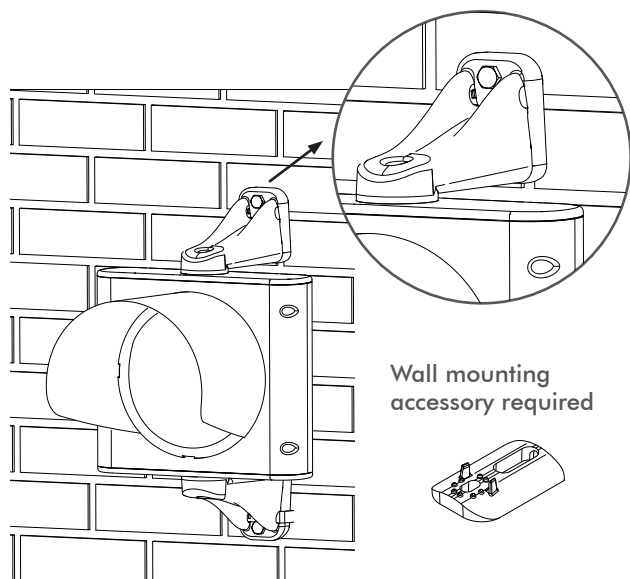
Traffic light with 1 light,
green



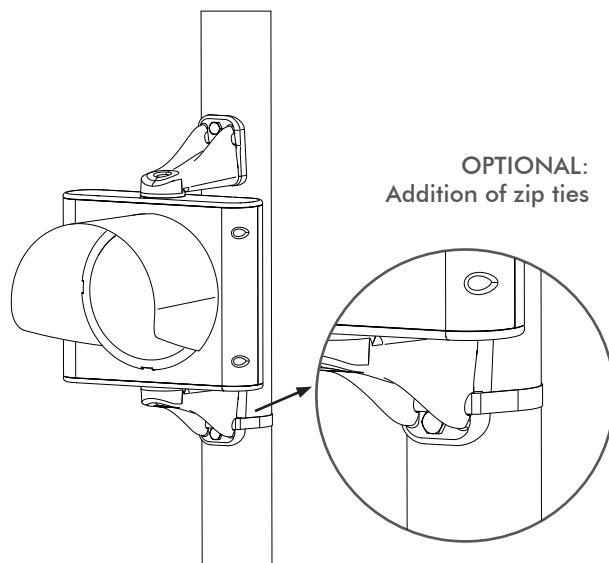
EN

4. MOUNTING

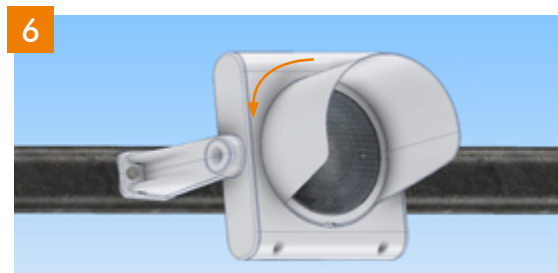
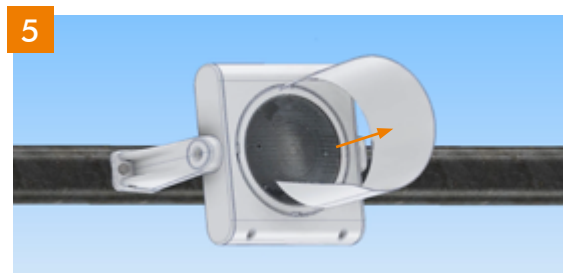
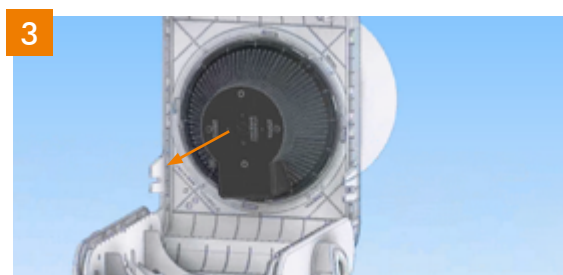
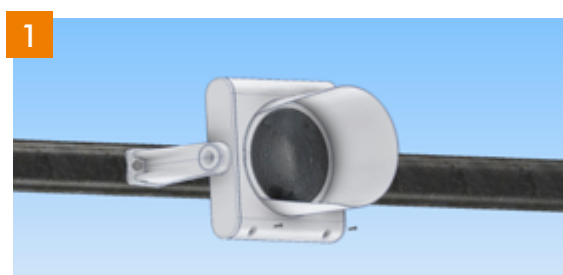
WALL MOUNTING



POLE MOUNTING

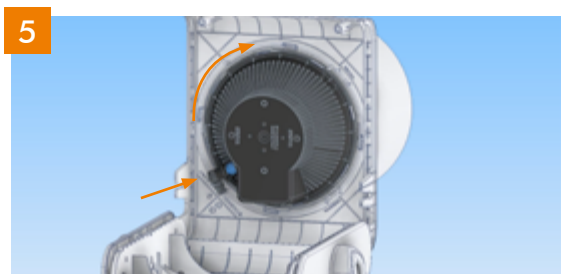
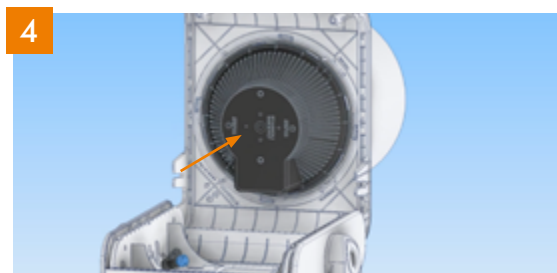
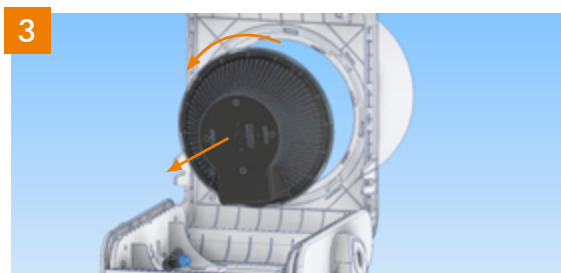
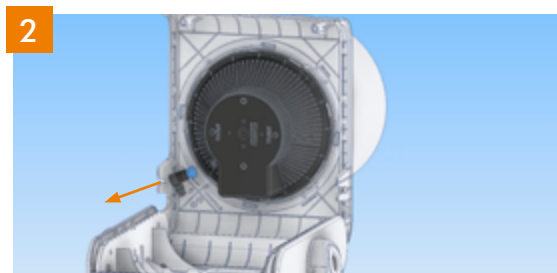


5. ORIENTATION CHANGE: VERTICAL TO HORIZONTAL



Click here → [VIDEO](#)

6. MAINTENANCE



Click here → **VIDEO**

7. CLEANING



RECOMMENDED products for cleaning Makrolon traffic light lenses and traffic light bodies (without ruining them)

DEMINERALIZED WATER AND NEUTRAL SOAP: Demineralized water, preferably lukewarm, with added neutral soap is sufficient to loosen dirt without risking damage to polycarbonate or any treatments

MICROFIBER CLOTH: Gently wipe dry or wipe dry after washing to avoid scratching the surface



DO NOT USE these products

ABRASIVE OR UNSUITABLE MATERIALS: paper towels, tissue paper, toilet paper, paper napkins, dirty or rough cloths, abrasive sponges, hard brushes, metal brushes, pressure washer, saliva.

CHEMICAL PRODUCTS TO AVOID: denatured alcohol, pure isopropyl alcohol, acetone, solvents, paint thinner, trichloroethylene, turpentine, bleach and bleach-based products, ammonia and glass cleaners containing ammonia, harsh household cleaners, hand soaps with lotions or perfumes, concentrated laundry detergents.



DISPOSAL



The packaging components, cardboard, or plastic can be recycled through separate collection. In the case of disposal of the product you need to pay much more attention to the components that may contain pollutants such as circuit boards, remote control batteries etc., which must be recovered or disposed in special centres or at authorized facilities. In this case, it is necessary to refer to the specific regulations in force in the place of disposal.



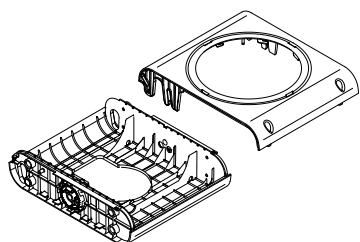
The crossed-out waste bin symbol on the appliance or on its packaging means that at the end of its useful lifespan, having to be treated separately from household waste, it must be taken to a separate collection centre for electrical and electronic equipment. Otherwise, the user can return it to the retailer at the time of purchase of a new type of equivalent appliance.

The user is responsible for providing the appliance at the end of its life to the appropriate collection facilities. The appropriate separate collection that allows the consequent recycling, treatment and environmentally compatible disposal helps prevent negative impact on the environment and human health and promotes the recycling which of the materials making up the product. For MORE detailed information regarding the collection systems available, contact the local waste disposal service or the shop where the purchase was made.

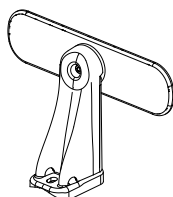
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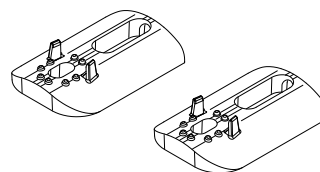
SPARE PARTS



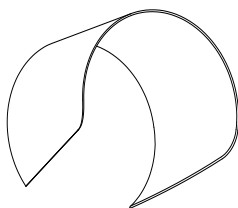
RSSE0010 body replacement ERA200
single module + screws



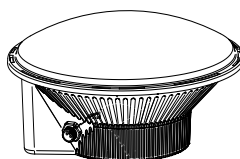
RSSE0011 bracket and cover
replacement ERA200



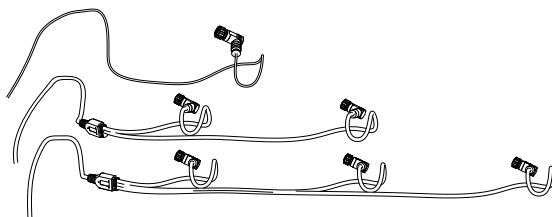
RSSE0012 wall adapter kit
ERA200



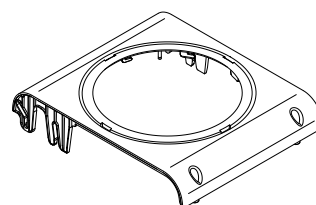
RSSE0013 sun visor ERA200



RSSE0014 green lantern module 230V ERA200
RSSE0015 yellow lantern module 230V ERA200
RSSE0016 red lantern module 230V ERA200



RSSE0017 cable replacement ERA200 2x18 AWG for one-light module
RSSE0017 cable replacement ERA200 3x18 AWG for two-light module
RSSE0017 cable replacement ERA200 4x18 AWG for three-light module



RSSE0020 door replacement ERA200

NOTE



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