

# MIG 2

9201

Apparecchio led per illuminazione stradale. Corpo in alluminio pressofuso verniciato con polvere termoidurente poliestere anticorrosione colore silver, antracite o grafite, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Attacco palo incluso nella confezione. Prodotto in conformità alle vigenti norme EN / IEC 60598-1.

Led street light fitting. Die cast aluminium body, coated with polyester anticorrosion powder silver color, anthracite or graphite. 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220V-240V 50/60Hz. Pole bracket included. Manufactured in accordance with EN / IEC 60598-1.



### CARATTERISTICHE / MAIN FEATURES

Classe II  
Class II

CRI >70

EN / IEC  
60598-1

Palo  
Pole

Mac Adams 3

ENEC

Parete  
Wall

IK 08

RG0/RG1

IP 66

L90-B10 >100.000 h

10 kV  
Surge Protection

7 YEARS  
WARRANTY

○ Silver / Silver  
● Grafite / Graphite  
● Antracite / Anthracite

100% rigenerabile  
100% regenerable

### CODIFICA CODICE / CODING

| Art. | + | Mod. | + | °K (CRI)           | +   | W. tot. | +  | Options ○ Silver                          | Options ● Grafite                            | Options ● Antracite                          |
|------|---|------|---|--------------------|-----|---------|----|-------------------------------------------|----------------------------------------------|----------------------------------------------|
| 9201 |   | T2   | 2 | = ambra (CRI >70)  | 037 | 104     | GL | = on/off                                  | RL = on/off                                  | EL = on/off                                  |
|      |   | ME   | 3 | = 3000°K (CRI >70) | 050 | 120     | GM | = 1-10v                                   | RM = 1-10v                                   | LM = 1-10v                                   |
|      |   | CP   | 4 | = 4000°K (CRI >70) | 054 | 130     | GD | = dali 2                                  | RD = dali 2                                  | LD = dali 2                                  |
|      |   | AD   | 5 | = 5000°K (CRI >70) | 062 | 150     | MG | = mezzanotte virtuale<br>virtual midnight | MR = mezzanotte virtuale<br>virtual midnight | MD = mezzanotte virtuale<br>virtual midnight |
|      |   | AS   |   |                    | 073 | 160     | ZD | = zhaga socket dali D4i                   | RZ = zhaga socket dali D4i                   | DZ = zhaga socket dali D4i                   |
|      |   |      |   |                    | 078 | 170     | ZS | = zhaga socket dali D4i<br>sensor         | ZR = zhaga socket dali D4i<br>sensor         | SZ = zhaga socket dali D4i<br>sensor         |
|      |   |      |   |                    | 091 | 200     |    |                                           |                                              |                                              |

### Δ LUMEN

| °K      | CRI  | % Lm     |
|---------|------|----------|
| 2 ambra | > 70 | -15.30%  |
| 3 3000  | > 70 | -0.50%   |
| 4 4000  | > 70 | standard |
| 5 5000  | > 70 | +0.50%   |

### DOTAZIONE / STANDARD EQUIPMENT



- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.

- Surge Protection da 10kV incluso.

- Cavo in neoprene H07RN-F in uscita già cablato, lunghezza 1500 mm.
- 60 mm diameter painted adjustable pole bracket.

- 10kV Surge Protection.

- 1500 mm long H07RN-F neoprene cable.





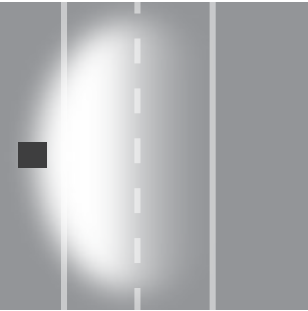
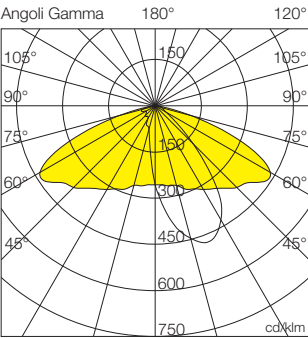


# MIG 2

## mod.T2

**Ottica**  
 Ottica asimmetrica media 45° stradale  
 IESNA Tipo II in PMMA ad alto  
 rendimento.

**Optics**  
 High performance PMMA IESNA type II  
 lenses with highway beam, 45° asymmetry.



ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF  
 EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

PRESTAZIONI / PERFORMANCE

| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9201T24037GL | 37     | 4000K - CRI>70 | 6699      | 181  | D1        | ○     |
| 9201T24050GL | 50     | 4000K - CRI>70 | 8931      | 179  | D1        | ○     |
| 9201T24062GL | 62     | 4000K - CRI>70 | 11164     | 180  | D1        | ○     |
| 9201T24054GL | 54     | 4000K - CRI>70 | 9394      | 174  | D1        | ○     |
| 9201T24073GL | 73     | 4000K - CRI>70 | 12526     | 172  | D1        | ○     |
| 9201T24091GL | 91     | 4000K - CRI>70 | 15657     | 172  | D1        | ○     |
| 9201T24078GL | 78     | 4000K - CRI>70 | 12818     | 164  | D1        | ○     |
| 9201T24104GL | 104    | 4000K - CRI>70 | 17092     | 164  | D1        | ○     |
| 9201T24130GL | 130    | 4000K - CRI>70 | 21364     | 164  | D1        | ○     |
| 9201T24110GL | 110    | 4000K - CRI>70 | 18191     | 165  | D1        | ○     |
| 9201T24123GL | 123    | 4000K - CRI>70 | 19809     | 161  | D1        | ○     |
| 9201T24120GL | 120    | 4000K - CRI>70 | 18322     | 153  | D1        | ○     |
| 9201T24150GL | 150    | 4000K - CRI>70 | 23232     | 155  | D1        | ○     |
| 9201T24160GL | 160    | 4000K - CRI>70 | 24429     | 153  | D1        | ○     |
| 9201T24170GL | 170    | 4000K - CRI>70 | 26735     | 157  | D1        | ○     |
| 9201T24200GL | 200    | 4000K - CRI>70 | 30536     | 153  | D1        | ○     |

# MIG 2

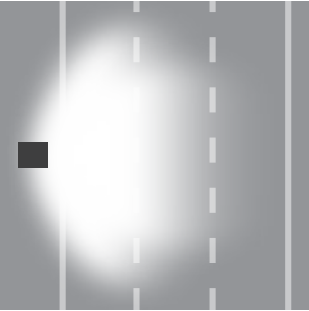
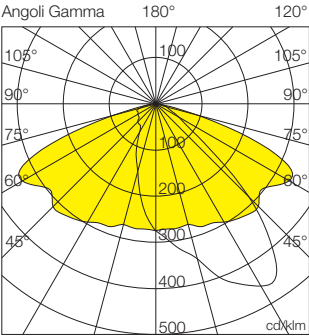
## mod.ME

### Ottica

Ottica asimmetrica ampia stradale  
EN13201 Classe ME in PMMA ad alto  
rendimento.

### Optics

High performance PMMA EN13201  
Class ME asymmetrical streetlight optic.



ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF  
EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

PRESTAZIONI / PERFORMANCE

| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9201ME4037GL | 37     | 4000K - CRI>70 | 6691      | 181  | D1        | ○     |
| 9201ME4050GL | 50     | 4000K - CRI>70 | 8922      | 178  | D1        | ○     |
| 9201ME4062GL | 62     | 4000K - CRI>70 | 11152     | 180  | D1        | ○     |
| 9201ME4054GL | 54     | 4000K - CRI>70 | 9384      | 174  | D1        | ○     |
| 9201ME4073GL | 73     | 4000K - CRI>70 | 12512     | 171  | D1        | ○     |
| 9201ME4091GL | 91     | 4000K - CRI>70 | 15640     | 172  | D1        | ○     |
| 9201ME4078GL | 78     | 4000K - CRI>70 | 12804     | 164  | D1        | ○     |
| 9201ME4104GL | 104    | 4000K - CRI>70 | 17073     | 164  | D1        | ○     |
| 9201ME4130GL | 130    | 4000K - CRI>70 | 21341     | 164  | D1        | ○     |
| 9201ME4110GL | 110    | 4000K - CRI>70 | 18171     | 165  | D1        | ○     |
| 9201ME4123GL | 123    | 4000K - CRI>70 | 19788     | 161  | D1        | ○     |
| 9201ME4120GL | 120    | 4000K - CRI>70 | 18302     | 153  | D1        | ○     |
| 9201ME4150GL | 150    | 4000K - CRI>70 | 23207     | 155  | D1        | ○     |
| 9201ME4160GL | 160    | 4000K - CRI>70 | 24402     | 153  | D1        | ○     |
| 9201ME4170GL | 170    | 4000K - CRI>70 | 26706     | 157  | D1        | ○     |
| 9201ME4200GL | 200    | 4000K - CRI>70 | 30503     | 153  | D1        | ○     |

# MIG 2

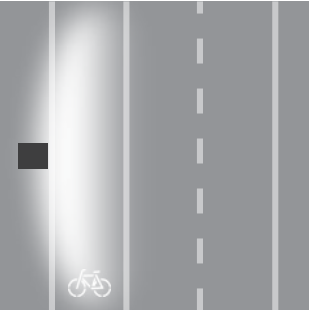
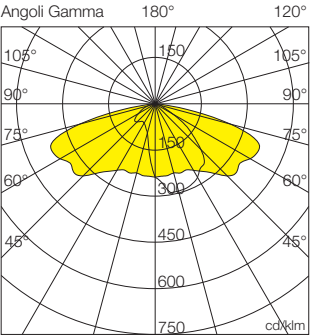
## mod.CP

### Ottica

Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

### Optics

High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



### ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

### PRESTAZIONI / PERFORMANCE

| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9201CP4037GL | 37     | 4000K - CRI>70 | 6655      | 180  | D1        | ○     |
| 9201CP4050GL | 50     | 4000K - CRI>70 | 8873      | 177  | D1        | ○     |
| 9201CP4062GL | 62     | 4000K - CRI>70 | 11091     | 179  | D1        | ○     |
| 9201CP4054GL | 54     | 4000K - CRI>70 | 9333      | 173  | D1        | ○     |
| 9201CP4073GL | 73     | 4000K - CRI>70 | 12444     | 170  | D1        | ○     |
| 9201CP4091GL | 91     | 4000K - CRI>70 | 15554     | 171  | D1        | ○     |
| 9201CP4078GL | 78     | 4000K - CRI>70 | 12735     | 163  | D1        | ○     |
| 9201CP4104GL | 104    | 4000K - CRI>70 | 16980     | 163  | D1        | ○     |
| 9201CP4130GL | 130    | 4000K - CRI>70 | 21225     | 163  | D1        | ○     |
| 9201CP4110GL | 110    | 4000K - CRI>70 | 18073     | 164  | D1        | ○     |
| 9201CP4123GL | 123    | 4000K - CRI>70 | 19680     | 160  | D1        | ○     |
| 9201CP4120GL | 120    | 4000K - CRI>70 | 18202     | 152  | D1        | ○     |
| 9201CP4150GL | 150    | 4000K - CRI>70 | 23080     | 154  | D1        | ○     |
| 9201CP4160GL | 160    | 4000K - CRI>70 | 24269     | 152  | D1        | ○     |
| 9201CP4170GL | 170    | 4000K - CRI>70 | 26561     | 156  | D1        | ○     |
| 9201CP4200GL | 200    | 4000K - CRI>70 | 30337     | 152  | D1        | ○     |

# MIG 2

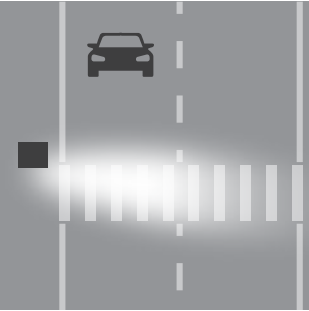
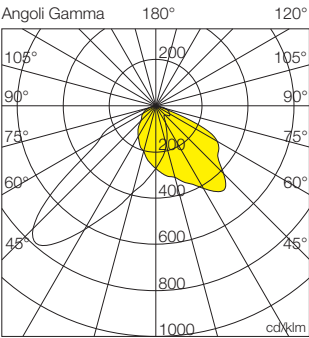
## mod.AD

### Ottica

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

### Optics

Double asymmetrical lens in PMMA for pedestrian right side crossings.



ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF  
EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

### PRESTAZIONI / PERFORMANCE

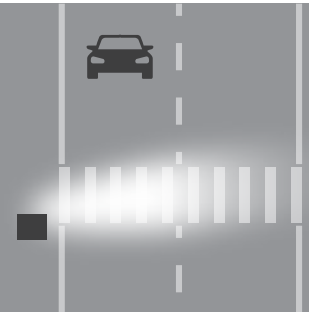
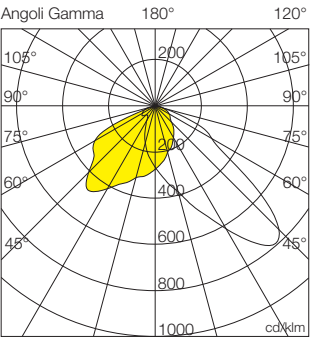
| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9201AD4037GL | 37     | 4000K - CRI>70 | 6677      | 180  | D1        | ○     |
| 9201AD4050GL | 50     | 4000K - CRI>70 | 8902      | 178  | D1        | ○     |
| 9201AD4062GL | 62     | 4000K - CRI>70 | 11128     | 179  | D1        | ○     |
| 9201AD4054GL | 54     | 4000K - CRI>70 | 9363      | 173  | D1        | ○     |
| 9201AD4073GL | 73     | 4000K - CRI>70 | 12485     | 171  | D1        | ○     |
| 9201AD4091GL | 91     | 4000K - CRI>70 | 15606     | 171  | D1        | ○     |
| 9201AD4078GL | 78     | 4000K - CRI>70 | 12777     | 164  | D1        | ○     |
| 9201AD4104GL | 104    | 4000K - CRI>70 | 17036     | 164  | D1        | ○     |
| 9201AD4130GL | 130    | 4000K - CRI>70 | 21295     | 164  | D1        | ○     |
| 9201AD4110GL | 110    | 4000K - CRI>70 | 18132     | 165  | D1        | ○     |
| 9201AD4123GL | 123    | 4000K - CRI>70 | 19745     | 161  | D1        | ○     |
| 9201AD4120GL | 120    | 4000K - CRI>70 | 18262     | 152  | D1        | ○     |
| 9201AD4150GL | 150    | 4000K - CRI>70 | 23156     | 154  | D1        | ○     |
| 9201AD4160GL | 160    | 4000K - CRI>70 | 24349     | 152  | D1        | ○     |
| 9201AD4170GL | 170    | 4000K - CRI>70 | 26648     | 157  | D1        | ○     |
| 9201AD4200GL | 200    | 4000K - CRI>70 | 30436     | 152  | D1        | ○     |

# MIG 2

## mod.AS

**Ottica**  
 Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato sinistro.

**Optics**  
 Double asymmetrical lens in PMMA for pedestrian left side crossings.



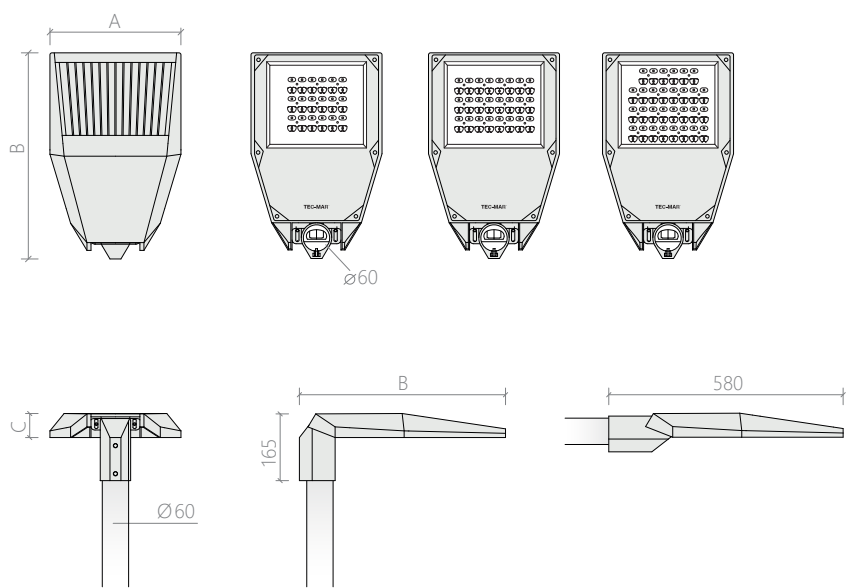
ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF

EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

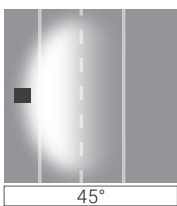
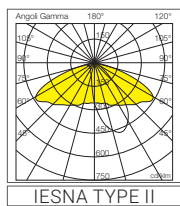
PRESTAZIONI / PERFORMANCE

| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9201AS4037GL | 37     | 4000K - CRI>70 | 6677      | 180  | D1        | ○     |
| 9201AS4050GL | 50     | 4000K - CRI>70 | 8902      | 178  | D1        | ○     |
| 9201AS4062GL | 62     | 4000K - CRI>70 | 11128     | 179  | D1        | ○     |
| 9201AS4054GL | 54     | 4000K - CRI>70 | 9363      | 173  | D1        | ○     |
| 9201AS4073GL | 73     | 4000K - CRI>70 | 12485     | 171  | D1        | ○     |
| 9201AS4091GL | 91     | 4000K - CRI>70 | 15606     | 171  | D1        | ○     |
| 9201AS4078GL | 78     | 4000K - CRI>70 | 12777     | 164  | D1        | ○     |
| 9201AS4104GL | 104    | 4000K - CRI>70 | 17036     | 164  | D1        | ○     |
| 9201AS4130GL | 130    | 4000K - CRI>70 | 21295     | 164  | D1        | ○     |
| 9201AS4110GL | 110    | 4000K - CRI>70 | 18132     | 165  | D1        | ○     |
| 9201AS4123GL | 123    | 4000K - CRI>70 | 19745     | 161  | D1        | ○     |
| 9201AS4120GL | 120    | 4000K - CRI>70 | 18262     | 152  | D1        | ○     |
| 9201AS4150GL | 150    | 4000K - CRI>70 | 23156     | 154  | D1        | ○     |
| 9201AS4160GL | 160    | 4000K - CRI>70 | 24349     | 152  | D1        | ○     |
| 9201AS4170GL | 170    | 4000K - CRI>70 | 26648     | 157  | D1        | ○     |
| 9201AS4200GL | 200    | 4000K - CRI>70 | 30436     | 152  | D1        | ○     |

|    | A<br>(mm) | B<br>(mm) | C<br>(mm) | Kg  |
|----|-----------|-----------|-----------|-----|
| D1 | 325       | 490       | 65        | 6,7 |



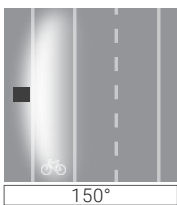
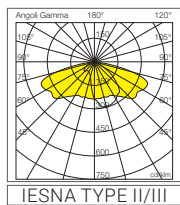
OTTICHE / OPTICS



MOD. T2

Ottica asimmetrica media 45° stradale IESNA Tipo II in PMMA ad alto rendimento.

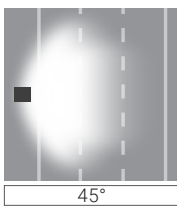
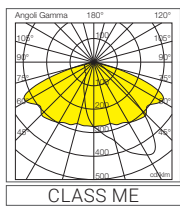
High performance PMMA IESNA type II lenses with highway beam. 45° asymmetry.



MOD. CP

Ottica ciclopeditonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.

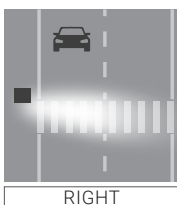
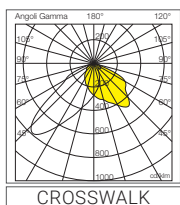
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



MOD. ME

Ottica asimmetrica ampia stradale EN13201 Classe ME in PMMA ad alto rendimento.

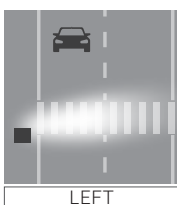
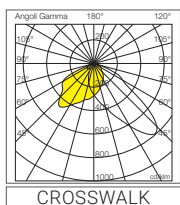
High performance PMMA EN13201 Class ME asymmetrical streetlight optic.



MOD. AD

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato destro.

Double asymmetrical lens in PMMA for pedestrian right side crossings.



MOD. AS

Ottica con doppia asimmetria in PMMA, per attraversamenti pedonali lato sinistro.

Double asymmetrical lens in PMMA for pedestrian left side crossings.





Tre varianti di colore, silver, grafite o antracite.

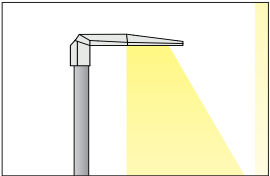
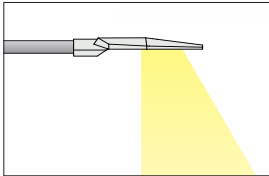
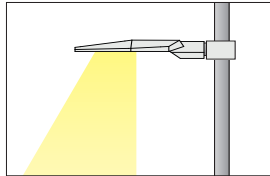
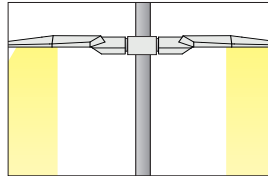
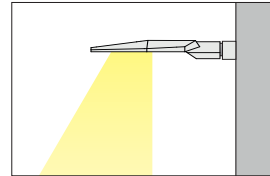
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Three color variants, silver, anthracite or graphite.

High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.

● ANTRACITE ● GRAFITE ○ SILVER



| Installazione testa palo<br>Top pole installation                                | Installazione a sbraccio<br>orizzontale<br>Horizontal pole installation           | Installazione mezzo palo singolo<br>Single half pole installation                 | Installazione mezzo palo doppio<br>Double half pole installation                       | Installazione a parete<br>Wall installation                                         |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |      |  |
| Apparecchio adatto per installazione su testa palo da Ø 60 mm.                   | Apparecchio adatto per installazione su testa palo orizzontale da Ø 60 mm.        | Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-246)   | Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-245-248) | Apparecchio adatto per installazione a parete. (ACC113-178-247)                     |
| Top pole installation - Ø 60 mm.                                                 | Horizontal top pole installation - Ø 60 mm.                                       | Single half pole installation Ø 60 mm. (ACC112-177-246)                           | Double half pole installation Ø 60mm. (ACC244-245-248)                                 | Wall installation. (ACC113-178-247)                                                 |

ACCESSORI / ACCESSORIES



- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.
- ACC071** Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.
- ACC112** Attacco mezzo palo per armature stradali colore silver. Diametro palo 60 mm.  
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC244** Attacco mezzo palo doppio per armature stradali colore silver. Diametro palo 60 mm.  
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.
- ACC113** Attacco a parete per armature stradali colore silver.  
Streetlights wall bracket, silver color.
- ACC177** Attacco mezzo palo per armature stradali colore antracite. Diametro palo 60 mm.  
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC245** Attacco mezzo palo doppio per armature stradali colore antracite. Diametro palo 60 mm.  
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.
- ACC178** Attacco a parete per armature stradali colore antracite.  
Streetlights wall bracket, anthracite color.
- ACC246** Attacco mezzo palo per armature stradali colore grafite. Diametro palo 60 mm.  
Streetlights half-pole bracket, graphite color. Pole diameter: 60 mm.
- ACC248** Attacco mezzo palo doppio per armature stradali colore grafite. Diametro palo 60 mm.  
Streetlights double half-pole bracket, graphite color. Pole diameter: 60 mm.
- ACC247** Attacco a parete per armature stradali colore grafite.  
Streetlights wall bracket, graphite color. Pole diameter: 60 mm.
- ACC196** Attacco testa palo doppio in acciaio zincato diametro 60mm.  
Double top-pole bracket in galvanized steel. Diameter 60mm.
- ACC237** Sensore PIR di movimento e luminosità per armature stradali con attacco Zhaga D4i.  
PIR motion and light sensor for street lights with Zhaga D4i socket.
- ACC238** Fotosensore per armature stradali con attacco Zhaga D4i.  
Photosensor for street lighting with Zhaga D4i socket.

