

# GEO

9300

Apparecchio led per illuminazione urbana e stradale. È un prodotto versatile, ideale sia in contesti storici che moderni. Il prodotto nasce infatti per illuminare centri cittadini, parchi, piazze, piste ciclabili, aree residenziali ma anche viali e strade principali. Corpo in alluminio pressofuso verniciato con polvere termoisolante 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 urban and street lighting fixture. It is a versatile product, ideal in both historical and modern contexts. In fact, the product was created to illuminate city center, parks, squares, cycle paths, residential areas but also avenues and main streets. Die-cast aluminum body painted with thermosetting powder anti-corrosion polyester in silver, anthracite or graphite color, transparent tempered glass thickness 4 mm, silicone gasket, electronic driver 220-240V 50/60Hz. Pole attachment included. Manufactured in accordance with EN / IEC 60598-1.

## CARATTERISTICHE / MAIN FEATURES

|                                                                                  |                       |                                                                                     |                                                                                                                                              |                                                                                     |                     |
|----------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  | Classe II<br>Class II |    | CRI >70                                                                                                                                      |    | EN / IEC<br>60598-1 |
|  | Palo<br>Pole          |    | Mac Adams 3                                                                                                                                  |    | RG0/RG1             |
|  | Parete<br>Wall        |    | IK 08                                                                                                                                        |    | L90-B10 >100.000 h  |
|                                                                                  |                       |  | IP 66                                                                                                                                        |  | 7 YEARS<br>WARRANTY |
|                                                                                  |                       |  | 10 kV<br>Surge Protection                                                                                                                    |                                                                                     |                     |
|                                                                                  |                       |  | <input type="radio"/> Silver / Silver<br><input checked="" type="radio"/> Grafite / Graphite<br><input type="radio"/> Antracite / Anthracite |                                                                                     |                     |
|                                                                                  |                       |  | 100% rigenerabile<br>100% regenerable                                                                                                        |                                                                                     |                     |



## CODIFICA CODICE / CODING

| Art. | + | Mod. | + °K (CRI)            | +  | W. tot. | + Options | ○ Silver                                  | Options | ● Grafite                                 | Options | ● Antracite                               |
|------|---|------|-----------------------|----|---------|-----------|-------------------------------------------|---------|-------------------------------------------|---------|-------------------------------------------|
| 9300 |   | ME   | 22 = ambra (CRI >70)  | 08 | 29      | GL        | = on/off                                  | RL      | = on/off                                  | EL      | = on/off                                  |
|      |   | CP   | 30 = 3000°K (CRI >70) | 12 | 34      | GM        | = 1-10v                                   | RM      | = 1-10v                                   | LM      | = 1-10v                                   |
|      |   | RT   | 40 = 4000°K (CRI >70) | 14 | 36      | GD        | = dali 2                                  | RD      | = dali 2                                  | LD      | = dali 2                                  |
|      |   | PS   | 50 = 5000°K (CRI >70) | 16 | 42      | MG        | = mezzanotte virtuale<br>virtual midnight | MR      | = mezzanotte virtuale<br>virtual midnight | MD      | = mezzanotte virtuale<br>virtual midnight |
|      |   | MS   |                       | 17 | 43      | ZD        | = zhaga socket dali D4i                   | RZ      | = zhaga socket dali D4i                   | DZ      | = zhaga socket dali D4i                   |
|      |   | CS   |                       | 21 | 52      |           |                                           |         |                                           |         |                                           |
|      |   |      |                       | 24 | 54      |           |                                           |         |                                           |         |                                           |
|      |   |      |                       | 25 | 64      |           |                                           |         |                                           |         |                                           |
|      |   |      |                       | 27 | 80      |           |                                           |         |                                           |         |                                           |

## Δ LUMEN

|    | °K    | CRI  | % Lm     |
|----|-------|------|----------|
| 22 | ambra | > 70 | -15.30%  |
| 30 | 3000  | > 70 | -0.50%   |
| 40 | 4000  | > 70 | standard |
| 50 | 5000  | > 70 | +0.50%   |

## DOTAZIONE / STANDARD EQUIPMENT



- Attacco palo fisso 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 pole bracket included.

- 10kV Surge Protection.

- 1500 mm long H07RN-F neoprene cable.



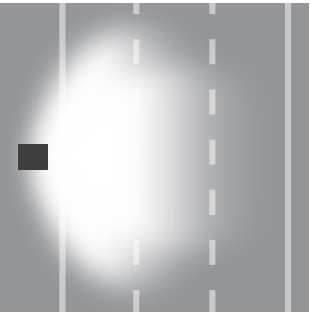
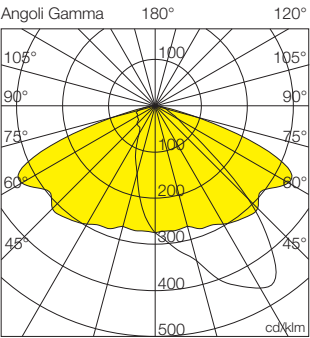


# GEO

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   |        |                |           |      |           | PRESTAZIONI / PERFORMANCE |
|---------------------------------------------------|--------|----------------|-----------|------|-----------|---------------------------|
| EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF |        |                |           |      |           |                           |
| Code                                              | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color                     |
| 9300ME4008GL                                      | 8      | 4000K - CRI>70 | 1424      | 178  | D1        | ○                         |
| 9300ME4016GL                                      | 16     | 4000K - CRI>70 | 2848      | 178  | D1        | ○                         |
| 9300ME4012GL                                      | 12     | 4000K - CRI>70 | 1997      | 166  | D1        | ○                         |
| 9300ME4024GL                                      | 24     | 4000K - CRI>70 | 3993      | 166  | D1        | ○                         |
| 9300ME4014GL                                      | 14     | 4000K - CRI>70 | 2365      | 169  | D1        | ○                         |
| 9300ME4029GL                                      | 29     | 4000K - CRI>70 | 4732      | 163  | D1        | ○                         |
| 9300ME4017GL                                      | 17     | 4000K - CRI>70 | 2724      | 160  | D1        | ○                         |
| 9300ME4034GL                                      | 34     | 4000K - CRI>70 | 5449      | 160  | D1        | ○                         |
| 9300ME4021GL                                      | 21     | 4000K - CRI>70 | 3179      | 151  | D1        | ○                         |
| 9300ME4042GL                                      | 42     | 4000K - CRI>70 | 6485      | 154  | D1        | ○                         |
| 9300ME4027GL                                      | 27     | 4000K - CRI>70 | 3894      | 144  | D1        | ○                         |
| 9300ME4054GL                                      | 54     | 4000K - CRI>70 | 7788      | 144  | D1        | ○                         |

# GEO

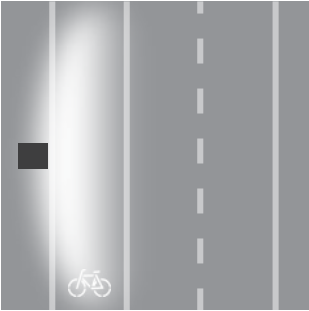
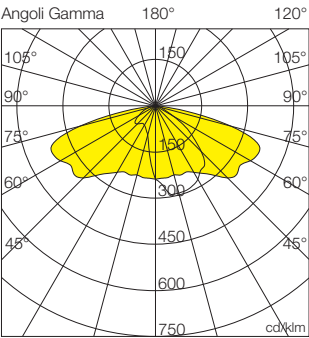
## mod.CP

### 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 |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9300CP4008GL | 8      | 4000K - CRI>70 | 1416      | 177  | D1        | ○     |
| 9300CP4016GL | 16     | 4000K - CRI>70 | 2832      | 177  | D1        | ○     |
| 9300CP4012GL | 12     | 4000K - CRI>70 | 1985      | 165  | D1        | ○     |
| 9300CP4024GL | 24     | 4000K - CRI>70 | 3971      | 165  | D1        | ○     |
| 9300CP4014GL | 14     | 4000K - CRI>70 | 2352      | 168  | D1        | ○     |
| 9300CP4029GL | 29     | 4000K - CRI>70 | 4705      | 162  | D1        | ○     |
| 9300CP4017GL | 17     | 4000K - CRI>70 | 2709      | 159  | D1        | ○     |
| 9300CP4034GL | 34     | 4000K - CRI>70 | 5418      | 159  | D1        | ○     |
| 9300CP4021GL | 21     | 4000K - CRI>70 | 3161      | 151  | D1        | ○     |
| 9300CP4042GL | 42     | 4000K - CRI>70 | 6448      | 154  | D1        | ○     |
| 9300CP4027GL | 27     | 4000K - CRI>70 | 3872      | 143  | D1        | ○     |
| 9300CP4054GL | 54     | 4000K - CRI>70 | 7744      | 143  | D1        | ○     |

# GEO

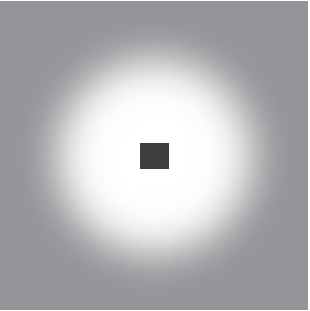
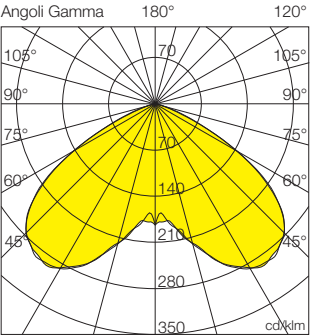
## mod.RT

### Ottica

Ottica rotosimmetrica in PMMA ad alto rendimento.

### Optics

High performance PMMA rotosimmetrical lens.



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 |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9300RT4008GL | 8      | 4000K - CRI>70 | 1421      | 178  | D1        | ○     |
| 9300RT4016GL | 16     | 4000K - CRI>70 | 2841      | 178  | D1        | ○     |
| 9300RT4025GL | 25     | 4000K - CRI>70 | 4262      | 170  | D1        | ○     |
| 9300RT4012GL | 12     | 4000K - CRI>70 | 1992      | 166  | D1        | ○     |
| 9300RT4024GL | 24     | 4000K - CRI>70 | 3984      | 166  | D1        | ○     |
| 9300RT4036GL | 36     | 4000K - CRI>70 | 5977      | 166  | D1        | ○     |
| 9300RT4014GL | 14     | 4000K - CRI>70 | 2360      | 169  | D1        |       |
| 9300RT4029GL | 29     | 4000K - CRI>70 | 4721      | 163  | D1        | ○     |
| 9300RT4043GL | 43     | 4000K - CRI>70 | 7081      | 165  | D1        | ○     |
| 9300RT4017GL | 17     | 4000K - CRI>70 | 2718      | 160  | D1        | ○     |
| 9300RT4034GL | 34     | 4000K - CRI>70 | 5437      | 160  | D1        | ○     |
| 9300RT4052GL | 52     | 4000K - CRI>70 | 8155      | 157  | D1        | ○     |
| 9300RT4021GL | 21     | 4000K - CRI>70 | 3172      | 151  | D1        | ○     |
| 9300RT4042GL | 42     | 4000K - CRI>70 | 6470      | 154  | D1        | ○     |
| 9300RT4064GL | 64     | 4000K - CRI>70 | 9705      | 152  | D1        | ○     |
| 9300RT4027GL | 27     | 4000K - CRI>70 | 3885      | 144  | D1        | ○     |
| 9300RT4054GL | 54     | 4000K - CRI>70 | 7770      | 144  | D1        | ○     |
| 9300RT4080GL | 80     | 4000K - CRI>70 | 11656     | 146  | D1        | ○     |

# GEO

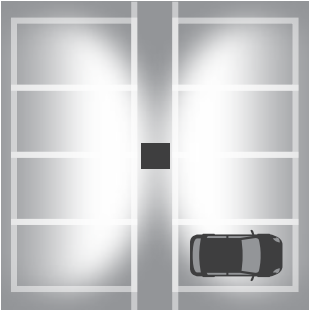
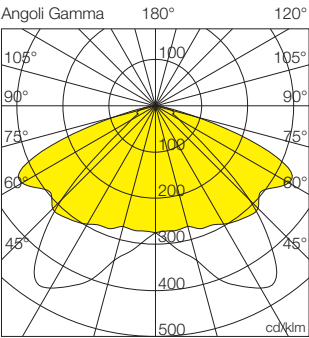
## mod.PS

### Ottica

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

### Optics

High performance PMMA bi-  
asymmetrical streetlight optic EN13201  
Class ME.



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 |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9300PS4008GL | 8      | 4000K - CRI>70 | 1424      | 178  | D1        | ○     |
| 9300PS4016GL | 16     | 4000K - CRI>70 | 2848      | 178  | D1        | ○     |
| 9300PS4025GL | 25     | 4000K - CRI>70 | 4272      | 171  | D1        | ○     |
| 9300PS4012GL | 12     | 4000K - CRI>70 | 1997      | 166  | D1        | ○     |
| 9300PS4024GL | 24     | 4000K - CRI>70 | 3993      | 166  | D1        | ○     |
| 9300PS4036GL | 36     | 4000K - CRI>70 | 5990      | 166  | D1        | ○     |
| 9300PS4014GL | 14     | 4000K - CRI>70 | 2365      | 169  | D1        | ○     |
| 9300PS4029GL | 29     | 4000K - CRI>70 | 4732      | 163  | D1        | ○     |
| 9300PS4043GL | 43     | 4000K - CRI>70 | 7097      | 165  | D1        | ○     |
| 9300PS4017GL | 17     | 4000K - CRI>70 | 2724      | 160  | D1        | ○     |
| 9300PS4034GL | 34     | 4000K - CRI>70 | 5449      | 160  | D1        | ○     |
| 9300PS4052GL | 52     | 4000K - CRI>70 | 8173      | 157  | D1        | ○     |
| 9300PS4021GL | 21     | 4000K - CRI>70 | 3179      | 151  | D1        | ○     |
| 9300PS4042GL | 42     | 4000K - CRI>70 | 6485      | 154  | D1        | ○     |
| 9300PS4064GL | 64     | 4000K - CRI>70 | 9728      | 152  | D1        | ○     |
| 9300PS4027GL | 27     | 4000K - CRI>70 | 3894      | 144  | D1        | ○     |
| 9300PS4054GL | 54     | 4000K - CRI>70 | 7788      | 144  | D1        | ○     |
| 9300PS4080GL | 80     | 4000K - CRI>70 | 11683     | 146  | D1        | ○     |

# GEO

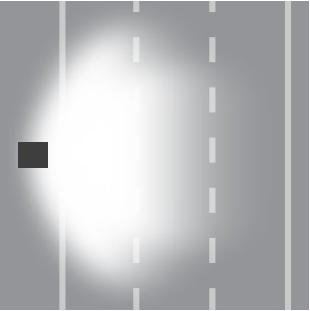
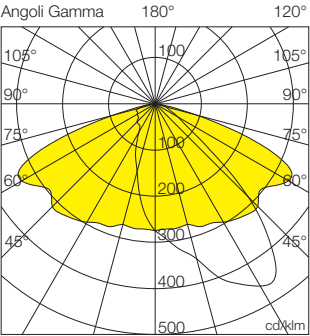
## mod.MS

### 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 |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9300MS4008GL | 8      | 4000K - CRI>70 | 1424      | 178  | D1        | ○     |
| 9300MS4016GL | 16     | 4000K - CRI>70 | 2848      | 178  | D1        | ○     |
| 9300MS4012GL | 12     | 4000K - CRI>70 | 1997      | 166  | D1        | ○     |
| 9300MS4024GL | 24     | 4000K - CRI>70 | 3993      | 166  | D1        | ○     |
| 9300MS4014GL | 14     | 4000K - CRI>70 | 2365      | 169  | D1        | ○     |
| 9300MS4029GL | 29     | 4000K - CRI>70 | 4732      | 163  | D1        | ○     |
| 9300MS4017GL | 17     | 4000K - CRI>70 | 2724      | 160  | D1        | ○     |
| 9300MS4034GL | 34     | 4000K - CRI>70 | 5449      | 160  | D1        | ○     |
| 9300MS4021GL | 21     | 4000K - CRI>70 | 3179      | 151  | D1        | ○     |
| 9300MS4042GL | 42     | 4000K - CRI>70 | 6485      | 154  | D1        | ○     |
| 9300MS4027GL | 27     | 4000K - CRI>70 | 3894      | 144  | D1        | ○     |
| 9300MS4054GL | 54     | 4000K - CRI>70 | 7788      | 144  | D1        | ○     |

# GEO

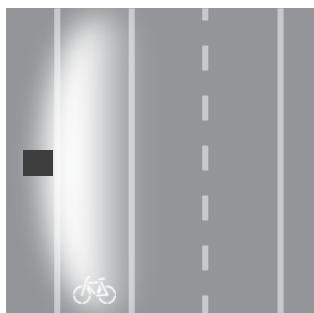
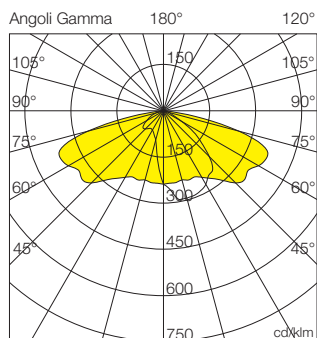
## mod.CS

### 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.

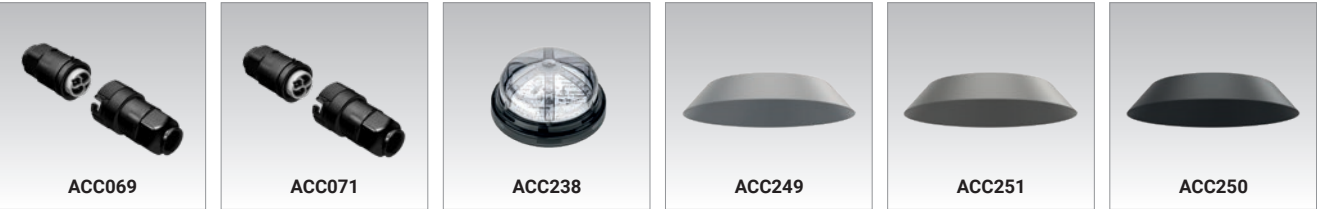


### ESEMPIO CODIFICA CODICE 4000K - CRI>70 - ON/OFF EXAMPLE OF ARTICLE CODING 4000K - CRI>70 - ON/OFF

### PRESTAZIONI / PERFORMANCE

| Code         | W tot. | °K - CRI       | Lm OUTPUT | Lm/W | dimension | Color |
|--------------|--------|----------------|-----------|------|-----------|-------|
| 9300CS4008GL | 8      | 4000K - CRI>70 | 1416      | 177  | D1        | ○     |
| 9300CS4016GL | 16     | 4000K - CRI>70 | 2832      | 177  | D1        | ○     |
| 9300CS4012GL | 12     | 4000K - CRI>70 | 1985      | 165  | D1        | ○     |
| 9300CS4024GL | 24     | 4000K - CRI>70 | 3971      | 165  | D1        | ○     |
| 9300CS4014GL | 14     | 4000K - CRI>70 | 2352      | 168  | D1        | ○     |
| 9300CS4029GL | 29     | 4000K - CRI>70 | 4705      | 162  | D1        | ○     |
| 9300CS4017GL | 17     | 4000K - CRI>70 | 2709      | 159  | D1        | ○     |
| 9300CS4034GL | 34     | 4000K - CRI>70 | 5418      | 159  | D1        | ○     |
| 9300CS4021GL | 21     | 4000K - CRI>70 | 3161      | 151  | D1        | ○     |
| 9300CS4042GL | 42     | 4000K - CRI>70 | 6448      | 154  | D1        | ○     |
| 9300CS4027GL | 27     | 4000K - CRI>70 | 3872      | 143  | D1        | ○     |
| 9300CS4054GL | 54     | 4000K - CRI>70 | 7744      | 143  | D1        | ○     |





- ACC069** Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.  
IP66 waterproof connector, + 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.
- ACC238** Fotosensore per armature stradali con attacco Zhaga D4i.  
Photosensor for street lighting with Zhaga D4i socket.

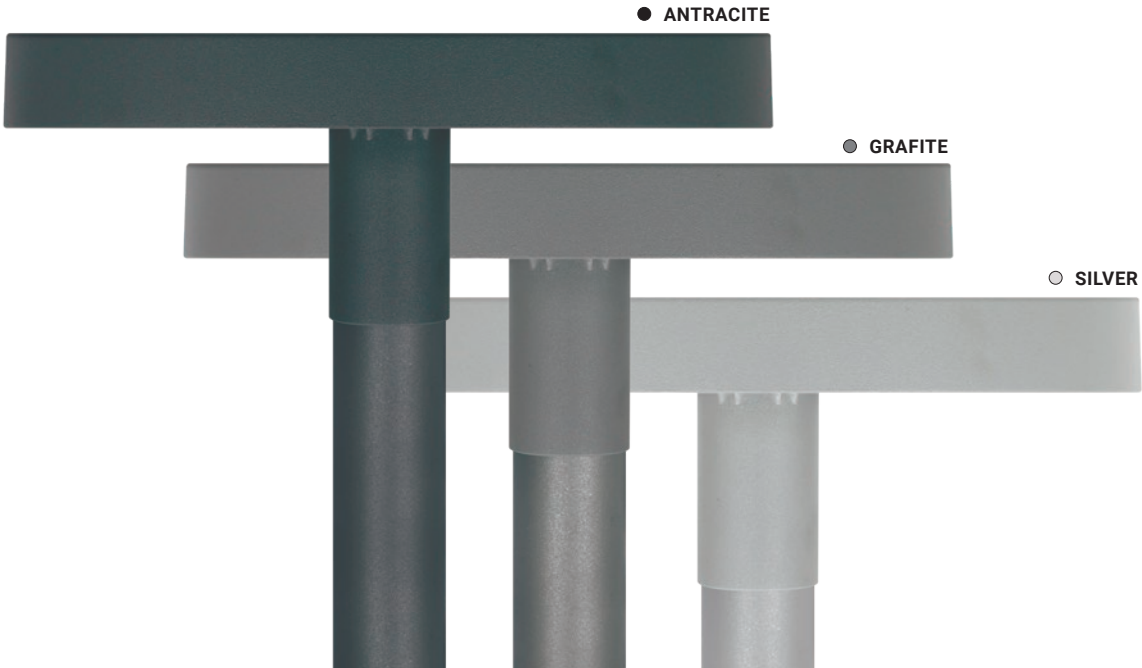
- ACC249** Schermo diffusore colore silver.  
Silver colored light diffuser.
- ACC251** Schermo diffusore colore grafite.  
Graphite colored light diffuser.
- ACC250** Schermo diffusore colore antracite.  
Anthracite colored light diffuser.

SCHERMI DIFFUSORI / LIGHT DIFFUSERS



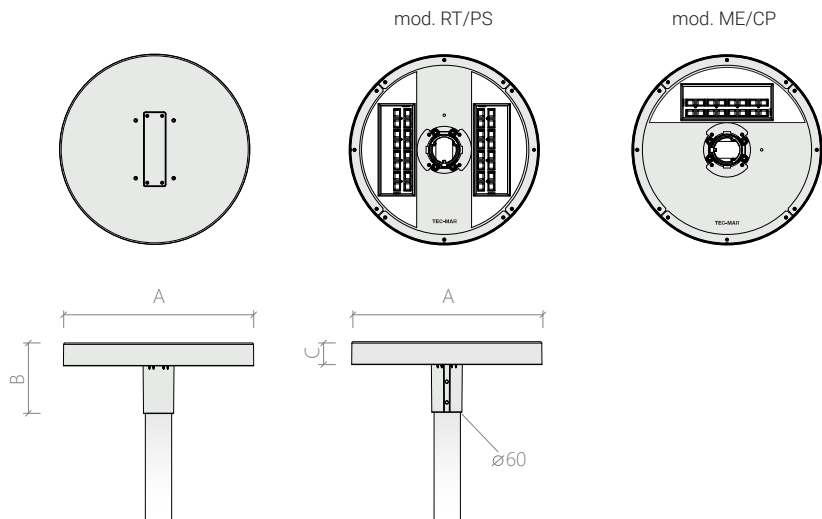
Tre varianti di colore, silver, antracite o silver.  
Verniciatura a polvere termoindurente poliestere di alta qualità resistente alla corrosione e alla nebbia salina.

Three color variants, silver, anthracite or silver.  
High quality polyester thermosetting powder coating, resistant to corrosion and salt spray.



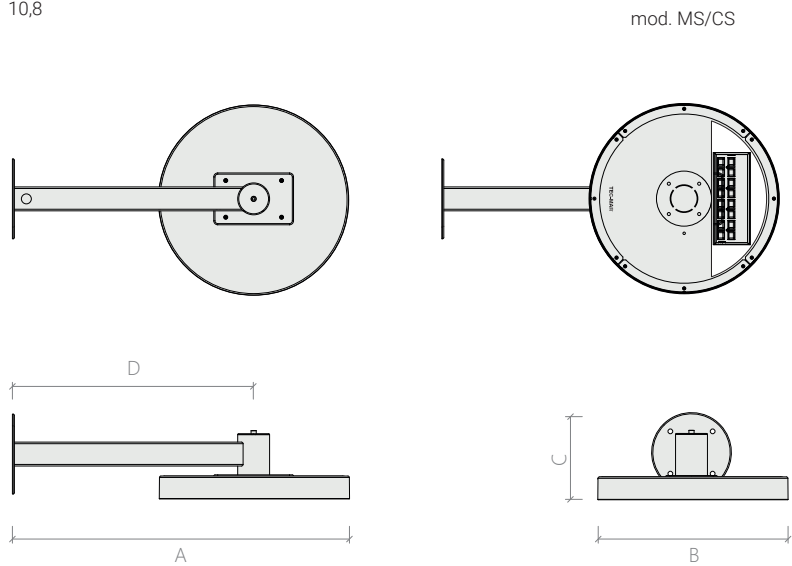
DIMENSIONI / DIMENSIONS

|    | A<br>(mm) | B<br>(mm) | C<br>(mm) | Kg  |
|----|-----------|-----------|-----------|-----|
| D1 | 460       | 170       | 55        | 7,2 |

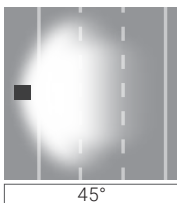
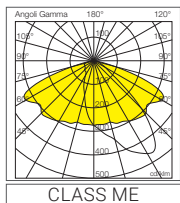


DIMENSIONI / DIMENSIONS

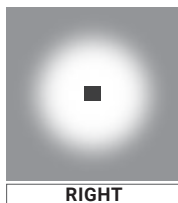
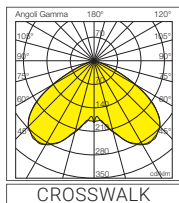
|    | A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Kg   |
|----|-----------|-----------|-----------|-----------|------|
| D1 | 835       | 460       | 230       | 600       | 10,8 |



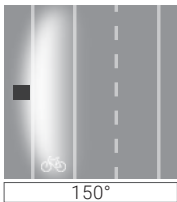
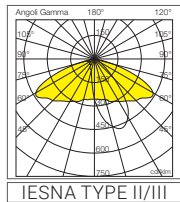
OTTICHE / OPTICS



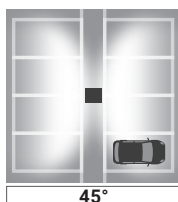
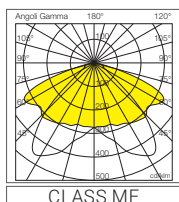
**MOD. ME/MS**  
Ottica asimmetrica ampia stradale EN13201 Classe ME in PMMA ad alto rendimento.  
High performance PMMA EN13201 Class ME asymmetrical streetlight optic.



**MOD. RT**  
Ottica rotosimmetrica in PMMA ad alto rendimento.  
High performance PMMA rotosymmetrical lens.



**MOD. CP/CS**  
Ottica ciclopedonale EN13201 Classe P (Tipo II/III) in PMMA ad alto rendimento.  
High performance PMMA EN13201 Class P (Type II/III) cycle/pedestrian optic.



**MOD. PS**  
Ottica bi-asimmetrica stradale EN13201 Classe ME in PMMA ad alto rendimento.  
High performance PMMA bi-asymmetrical streetlight optic EN13201 Class ME.