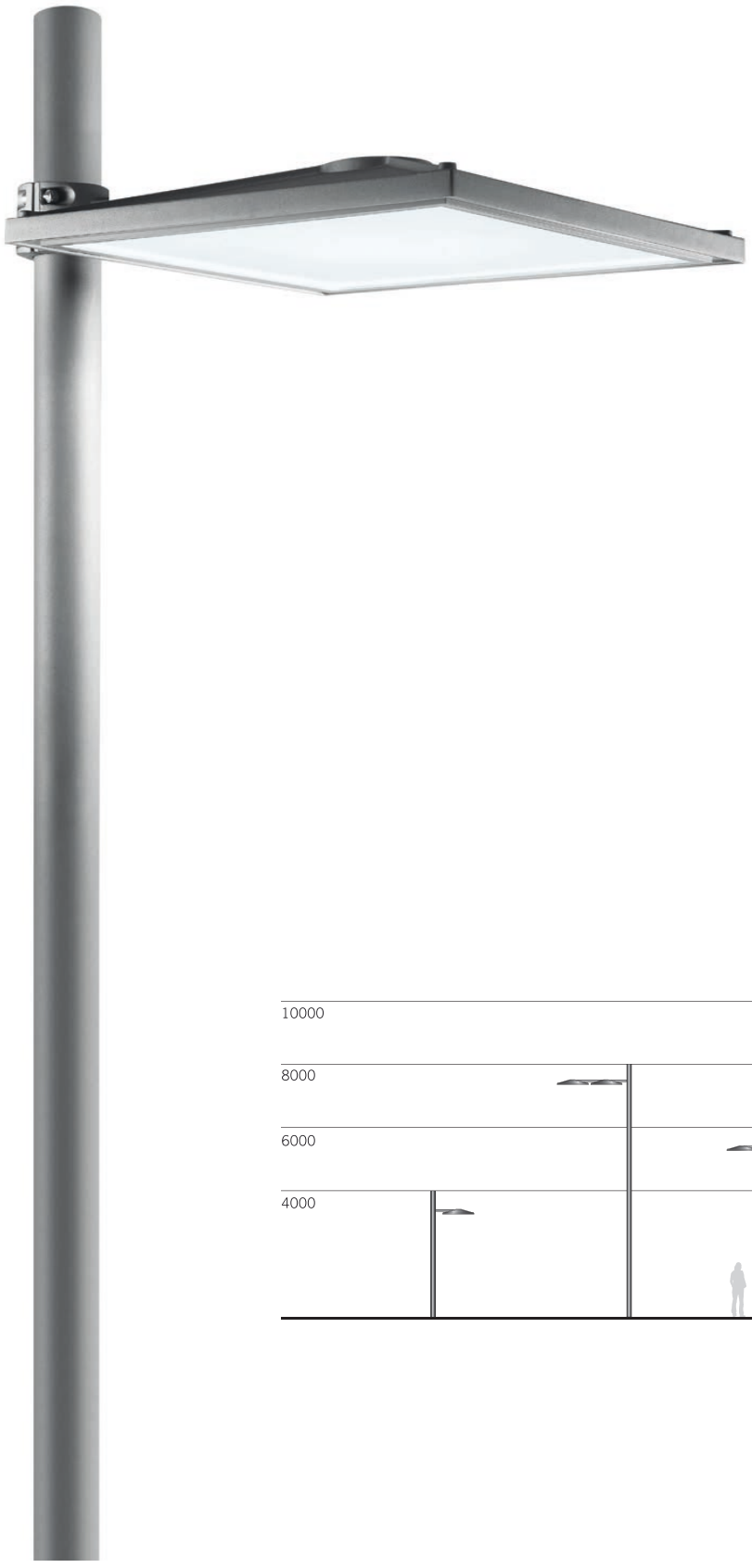
U.F.O.

design Piano design



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Features

IP66 IK08

- Street lighting system for use with LEDs.
- Lateral installation with arms for ending parts with diameters ø 60/76/89/102/114/120mm.
- Die-cast aluminium optical assembly; sodium-calcium sealing glass, 5 mm thick, or in opaline polycarbonate for versions with SC optic, siliconed to frame that closes the LED compartment with screws.
- Monochromatic LED power versions with reflectors in silver aluminium available with 5 different light distributions
- All external screws are in stainless steel.

on request versions:

Versions

U.F.O is fitted with high performance lighting optics that ensure exceptional visual comfort for vehicular traffic (Glare index G4) and for pedestrian urban areas (Glare index G6).

Road/Asymmetric optic

Comfort Symmetric optic

class	Maximum luminous intensity in cd/Klm		
	α 70°	α 80°	α 90°
G1	-	200	50
G2	-	150	30
G3	-	100	20
G4	**500**	**100**	**10**
G5	350	100	10
G6	**350**	**100**	**0**

Glare Index table

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Road and Asymmetric optic

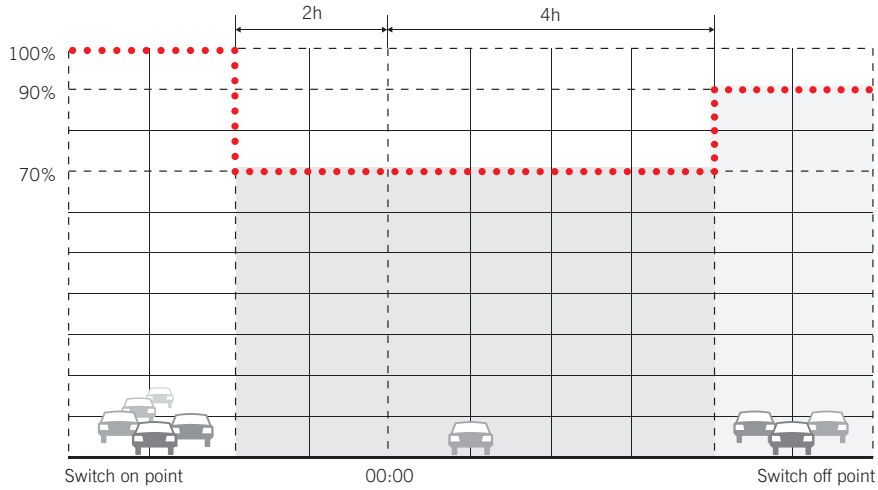
These versions are provided with **Opti Smart**, the last-generation street optics that guarantee luminous efficiency, low consumption, CO_2 reduction and excellent chromatic rendering.

⧄ 423

Smart Light Control
The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.

Profile 1 fixed to 350mA
Profile 2 fixed to 450 mA
Profile 3 fixed to 525mA
Profile 4 variable to 350mA

The profiles can also be customised further via USB by including, for example, midnight recognition or decreasing the output lumen levels in each profile.



- **Profile 4** with midnight recognition

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Comfort Symmetric optic

This optic, designed for pedestrian areas (Glare index G6), contributes to creating a comfortable environment with "soft" light similar to the effect achieved with indirect lighting.

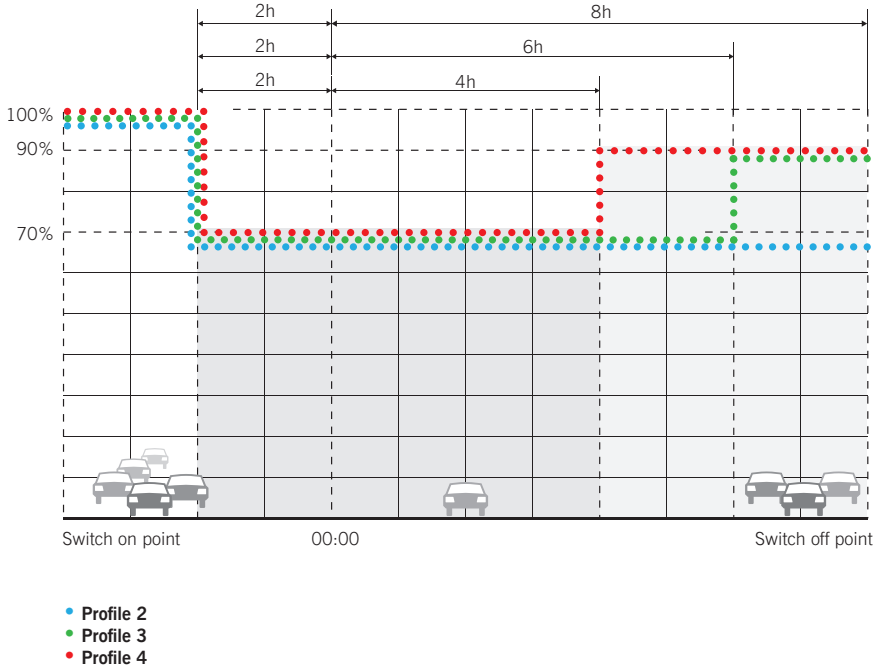
⧄ 423

⧄ 634

Smart Light Control
The driver allows the use of 4 different profiles for different output lumen levels and 4 different powers.

Profile 1 fixed 100%
Profile 2 variable with flow reduction and midnight recognition (10h at 70%)
Profile 3 variable with flow reduction and midnight recognition (8h at 70%)
Profile 4 variable with flow reduction and midnight recognition (6h at 70%)

The profiles can also be customised further via USB by including, for example, midnight recognition or decreasing the output lumen levels in each profile.



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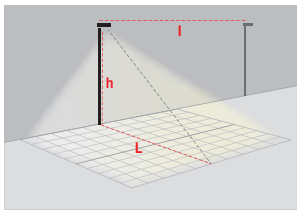
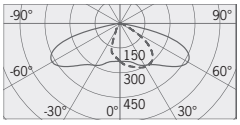
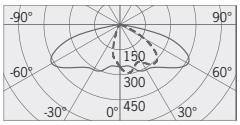
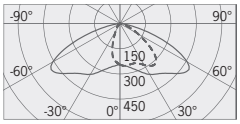
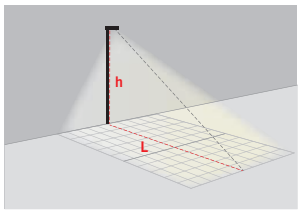
ST - LED Road optics



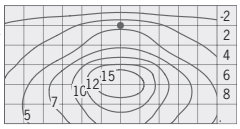
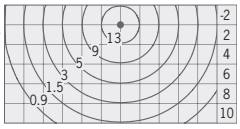
d= **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

LED	31,2W | 39,6W		**ST1** Road optic for vehicular traffic, urban and interurban areas l = 4h d = 1 **Glare Index: G4**
LED	40,1W		**ST1.2** Road optic for high vehicular traffic, urban and interurban areas l = 4h d = 1,2 **Glare Index: G4**
LED	31,2W | 45,8W		**ST1C** Comfort Road optic for pedestrian urban areas l = 3,7h d = 1 **Glare Index: G6**

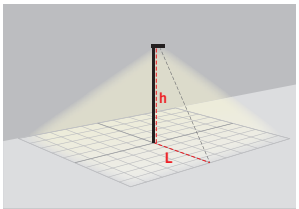
A - LED Asymmetric optics



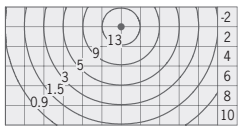
d= **L/h**
h = Installation height
L = Width of area to be lit

LED	**45,8W***		**A60** Asymmetric optic 60° h = 7 d = 2
LED	**45,8W***		**A45C** Comfort Asymmetric optic 45° h = 7 d = 1,6

SC - Comfort Symmetric optic



d= **L/h**
h = Installation height
L = Width of area to be lit

LED	**37,3W*** | 60,3W		h = 7 d = 1 Glare Index G6

Powers refer to the neutral white colour temperature.
* Wattage refers to isolux represented

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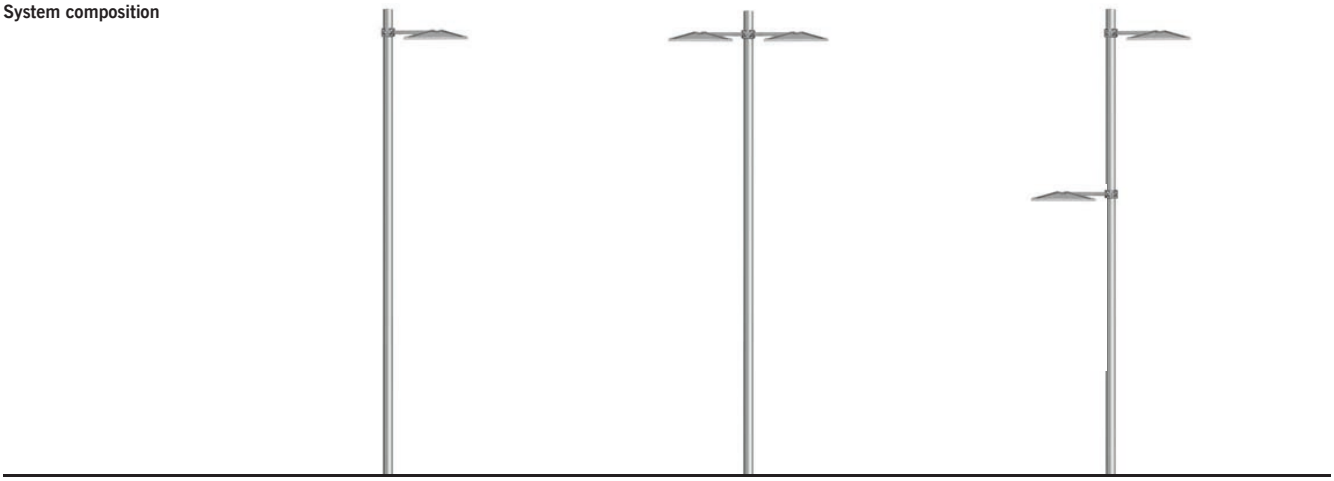
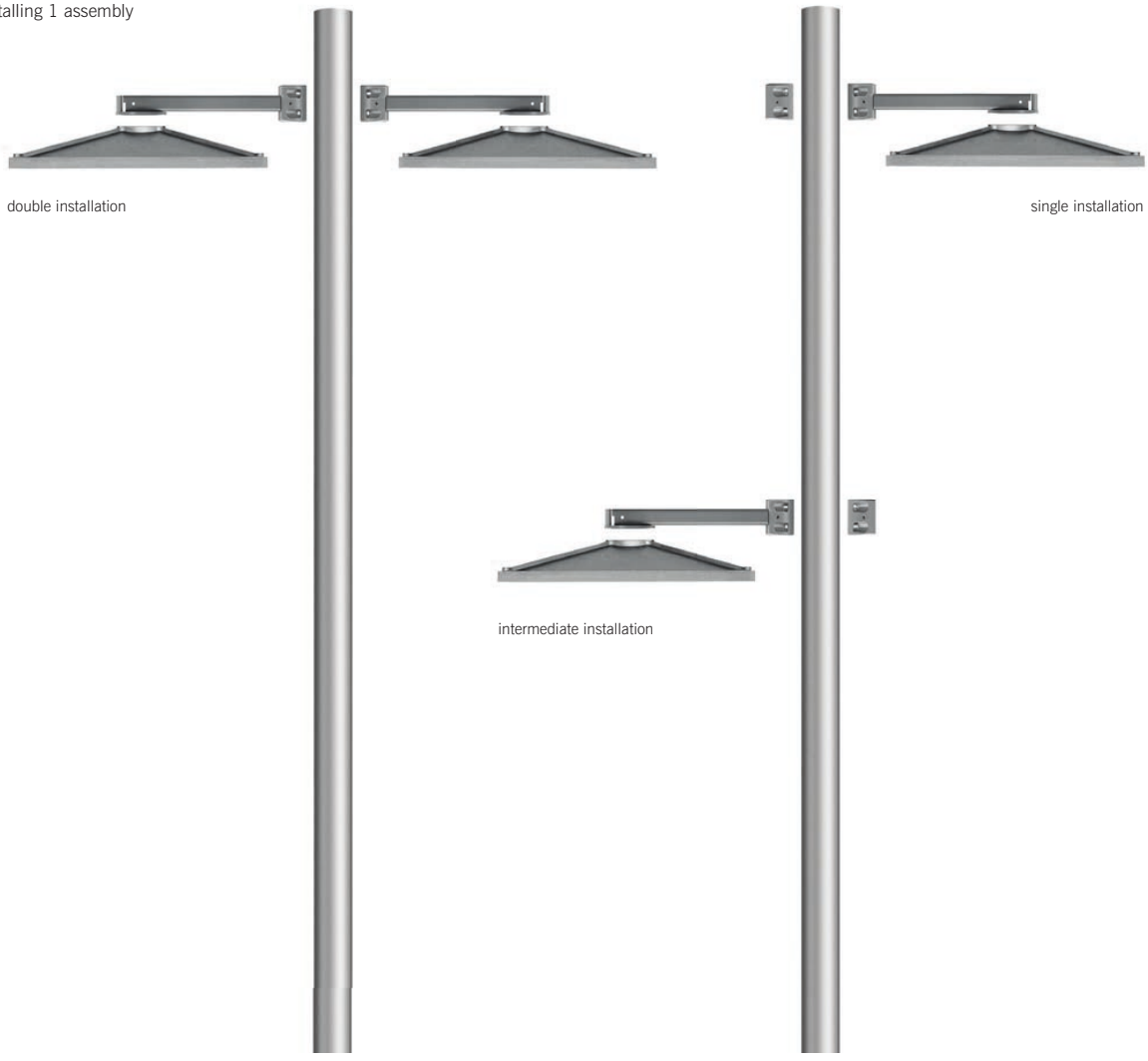
System composition



single installation | double installation | intermediate installation

Horizontal arm
for installing 1 assembly

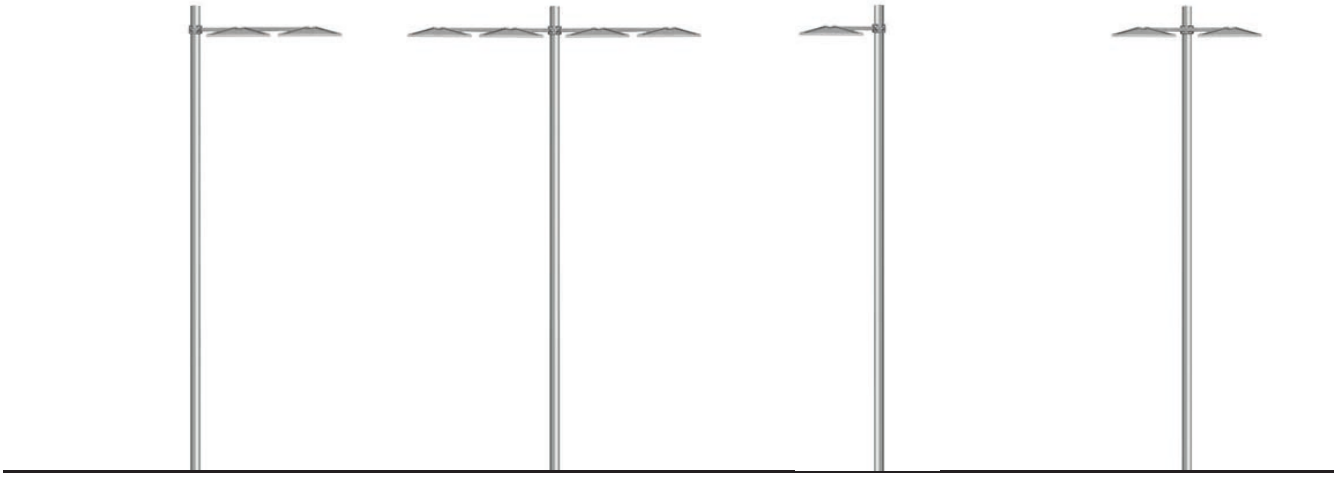


double installation

single installation

intermediate installation

U.F.O.



single installation
(horizontal arm)

double installation
(horizontal arm)

single installation
(transversal arm)

double installation
(transversal arm)

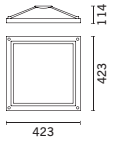
Horizontal and transversal arm
for installing 2 assemblies
(only for small body ⧄ 423).

double installation

wall installation arm

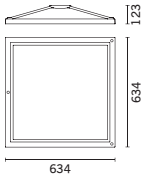
Adaptors are available to install
the arms on every type of pole:
- Adaptor ø 60 mm for flange ø 76 mm
- Adaptor ø 89 mm for flange ø 102 mm
- Adaptor ø 114 mm for flange ø 120 mm

U.F.O.



light source	W	Lm	optic	code
LED	Neutral white			
	37 W	2320	SC	**BL03**
	31 W	3180	ST1	**BL05**
	40 W	4070	ST1	**BL07**
	40 W	4120	ST1.2	**BL09**
	31 W	3030	ST1C	**BL13**
	46 W	4540	ST1C	**BL15**
	46 W	4780	A60	**BL11**
	46 W	4300	A45C	**BL17**
	Warm white			
	37 W	2150	SC	**BL02**
	31 W	2460	ST1	**BL04**
	40 W	3150	ST1	**BL06**
	40 W	3180	ST1.2	**BL08**
	31 W	2340	ST1C	**BL12**
	46 W	3510	ST1C	**BL14**
	46 W	3690	A60	**BL10**
	46 W	3320	A45C	**BL16**

	cod.
USB pen profiler colour 04 black Complete with cable and battery	**BZT9**



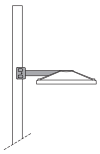
light source	W	Lm	optic	code
LED	Neutral white			
	60 W	4070	SC	**BL19**
	Warm white			
	60 W	3780	SC	**BL18**

	cod.
USB pen profiler colour 04 black Complete with cable and battery	**BZT9**

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

installation with arms

horizontal arm
for installing 1 assembly

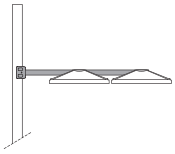


length	ø pole	code
398	76	**BZP3**
411	102	**BZP5**
for small optical assembly		
538	76	**BZP4**
552	102	**BZP6**
562	120	**BZP7**
for large optical assembly		

The counter flange must be ordered, to secure the arm to the pole.

Colour 15 grey

horizontal arm
for installing 2 assemblies

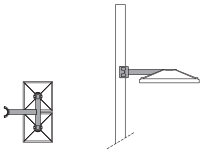


840	102	**BZU5**
for small optical assembly		
1196	102	**BZP8**
1206	120	**BZP9**
for large optical assembly		

The counter flange must be ordered, to secure the arm to the pole.

Colour 15 grey

transversal arm
for installing 2 assemblies

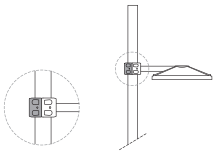


411	102	**BZU6**
for small optical assembly		
552	102	**BZQ0**
562	120	**BZQ1**
for large optical assembly		

The counter flange must be ordered, to secure the arm to the pole.

Colour 15 grey

counter flange

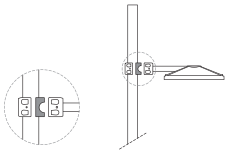


ø pole	code
76	**BZQ2**
102	**6161**
120	**6162**

To be ordered to secure the arm to the pole. Not required when installing two opposite arms.

Colour 15 grey

Adaptor for flange

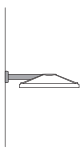


60 (76)	**BZQ3**
89 (102)	**6163**
114 (120)	**6164**

For installing arm on poles with a diameter of ø 60 - ø 89 - ø 114 mm.

Colour 15 grey

wall attachment

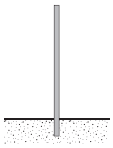
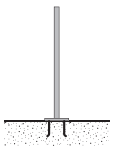


for small optical assembly	**BZW4**

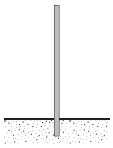
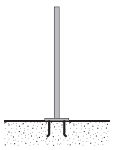
Colour 15 grey

U.F.O.

cylindrical poles for 1 optical assembly

	h off-ground	ø pole	ø shank	code
buried 	4000	76		**1271**
	5000	102		**1205**
	6000	102	76	**1518**
	6000	159/102	76	**1556**
	6000	120	102	**1524**
	7000	159/102	76	**1558**
	7000	120	102	**1519**
	7000	120	102	**1528**
with plate 	4000	76		**1272**
	5000	102		**1344**
	6000	120	102	**1521**
	7000	120	102	**1522**

cylindrical poles for compositions of 2 optical assemblies

	h off-ground	ø pole	code
buried 	6000	102	**1542**
	6000	159/102	**1561**
	7000	102	**1543**
	7000	159/102	**1562**
with plate 	6000	159/102	**1597**
	7000	159/102	**1598**

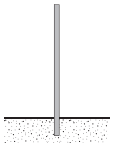
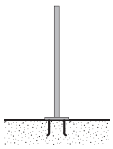
accessory for poles with shank

	ø pole	code
end cap 	102 (shank ø 76)	**BZM6**
	120 (shank ø 102)	**BZM7**

Only small optical assemblies must be installed on poles with a diameter of ø 76. Only large optical assemblies must be installed on poles with a diameter of ø 120.

The technical specifications of the poles are presented on page 195

cylindrical poles for compositions of 4 optical assemblies

	h off-ground	ø pole	code
buried 	8000	127/102	**1544**
	8000	159/102	**1565**
	9000	194/120	**1545**
	10000	194/120	**1546**
	12000	194/120	**1552**
with plate 	8000	159/102	**1599**
	9000	194/120	**1547**
	10000	194/120	**1548**
	12000	194/120	**1554**

Colours

B5
GREY/WHITE