

**Application**  
BEGA system bollard head with unshielded 360° light distribution and safety guard. Simply order the bollard head and also the required bollard tube in various heights and options. Both modules can be joined together easily and quickly during the installation.

**Materials**  
Clear safety glass with white ceramic coating  
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy  
High temperature silicone gasket  
Mechanically captive stainless steel fasteners  
Interlocking stainless steel mounting mechanism for attachment of head and tube

**NRTL** listed to North American Standards, suitable for wet locations  
Protection class IP 65

**Weight:** 25.3 lbs.

**Electrical**  
Operating voltage 120-277V AC  
Minimum start temperature -30° C  
LED module wattage 29.4 W  
System wattage 34.0 W  
Controllability 0-10V dimming down to 1%  
Color rendering index Ra > 80  
Luminaire lumens 768 lm  
LED service life (L70) 60000 hrs

**LED color temperature**  
4000K (K4)  
3500K (K35)  
3000K (K3)  
2700K (K27)

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

**Finish**  
All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

**Available colors**  
Black (BLK) Bronze (BRZ)  
Silver (SLV) White (WHT)  
Natural Bronze (NTB) RAL:  
CUS:

Type:  
BEGA Product:  
Project:  
Modified:

**Available options**  
CUS Custom finish  
MGU Marine grade undercoat  
NTB Natural bronze (premium finish)  
RAL RAL Classic, matte finish



| System bollard head · Unshielded with safety guard · 360° |        |                                |                               |
|-----------------------------------------------------------|--------|--------------------------------|-------------------------------|
|                                                           | LED    | A                              | B                             |
| B99777                                                    | 29.4 W | 10 <sup>3</sup> / <sub>8</sub> | 8 <sup>7</sup> / <sub>8</sub> |

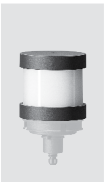


System bollard summary · Round

BEGA

The overview provides a compact summary of the possibilities for combining the various bollard heads with the bollard tubes and their additional functions.

For each bollard head you can find matching bollard tubes with and without components.

| System bollard heads with compatible tubes                                         |                                                     |  |        |  |        |         |  |        |  |  |  |  |         |  |  |        |         |
|------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|--------|---------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---------|
| BEGA bollard tubes<br>Ø in inches                                                  |                                                     | ø5 1/2                                                                            | ø7 1/2 | ø5 1/2                                                                            | ø7 1/2 | ø10 3/8 | ø5 1/2                                                                            | ø7 1/2 | ø5 1/2                                                                            | ø7 1/2                                                                            | ø7 1/2                                                                             | ø7 1/2                                                                              | ø10 3/8 | ø7 1/2                                                                              | ø5 1/2                                                                              | ø7 1/2 | ø10 3/8 |
|    | Without components in two heights                   | •                                                                                 | •      | •                                                                                 | •      | •       | •                                                                                 | •      | •                                                                                 | •                                                                                 | •                                                                                  | •                                                                                   | •       | •                                                                                   | •                                                                                   | •      | •       |
|    | With integral floodlight                            |                                                                                   | •      |                                                                                   | •      |         |                                                                                   | •      |                                                                                   | •                                                                                 |                                                                                    | •                                                                                   |         |                                                                                     |                                                                                     | •      |         |
|    | With integral PIR motion sensor                     |                                                                                   | •      |                                                                                   | •      | •       |                                                                                   | •      |                                                                                   | •                                                                                 |                                                                                    | •                                                                                   | •       |                                                                                     |                                                                                     | •      | •       |
|    | With emergency lighting battery                     |                                                                                   | •      |                                                                                   | •      | •       |                                                                                   | •      |                                                                                   | •                                                                                 |                                                                                    | •                                                                                   | •       |                                                                                     |                                                                                     | •      | •       |
|   | With drive-through protection                       |                                                                                   |        |                                                                                   |        | •       |                                                                                   |        |                                                                                   |                                                                                   |                                                                                    |                                                                                     | •       |                                                                                     |                                                                                     |        | •       |
|  | With integral GFCI outlet                           |                                                                                   | •      |                                                                                   | •      | •       |                                                                                   | •      |                                                                                   | •                                                                                 |                                                                                    | •                                                                                   | •       |                                                                                     |                                                                                     | •      | •       |
|  | With integral 240V receptacle for electric vehicles |                                                                                   |        |                                                                                   |        | •       |                                                                                   |        |                                                                                   |                                                                                   |                                                                                    |                                                                                     | •       |                                                                                     |                                                                                     |        | •       |
|  | Wood bollard tubes                                  | •                                                                                 | •      | •                                                                                 | •      | •       | •                                                                                 | •      | •                                                                                 | •                                                                                 | •                                                                                  | •                                                                                   | •       | •                                                                                   | •                                                                                   | •      | •       |

Compatible tubes · Ø10 3/8

| System bollard tube · No access door                      |        |        |
|-----------------------------------------------------------|--------|--------|
|                                                           | A      | B      |
| B99619                                                    | 10 3/8 | 14 3/4 |
| System bollard tube · With access door                    |        |        |
|                                                           | A      | B      |
| B99624                                                    | 10 3/8 | 34 1/2 |
| System bollard tube · Integral PIR motion sensor          |        |        |
|                                                           | A      | B      |
| B99659                                                    | 10 3/8 | 34 1/2 |
| System bollard tube · Integral emergency lighting battery |        |        |
|                                                           | A      | B      |
| B99636                                                    | 10 3/8 | 34 1/2 |

| System bollard tube · Drive-through protection · Standard anchorage |        |        |
|---------------------------------------------------------------------|--------|--------|
|                                                                     | A      | B      |
| B84623                                                              | 10 3/8 | 34 3/8 |
| System bollard tube · Integral GFCI outlet                          |        |        |
|                                                                     | A      | B      |
| B99627                                                              | 10 3/8 | 34 1/2 |
| System bollard tube · Integral 240V receptacle                      |        |        |
|                                                                     | A      | B      |
| B98010                                                              | 10 3/8 | 39     |
| Wood system bollard tube · Round                                    |        |        |
|                                                                     | A      | B      |
| B84465                                                              | 10 3/8 | 34 1/2 |