

Application

BEGA System Bollard head with shielded 360° light distribution. 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

- Borosilicate glass
- Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
- Interlocking stainless steel mounting mechanism for attachment of head and tube
- Pre-wired with 5-pole plug-in connectors for ease of installation
- High temperature silicone gasket
- Pure anodized aluminum reflector surface

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

Weight: 5.7 lbs.

Electrical

- |                           |                                |
|---------------------------|--------------------------------|
| Operating voltage         | 120V or 277V AC                |
| Minimum start temperature | -30° C                         |
| LED module wattage        | 16.6W                          |
| System wattage            | 20.0W                          |
| Controllability           | 0-10V, TRIAC, and ELV dimmable |
| Color rendering index     | Ra > 80                        |
| Luminaire lumens          | 2132lm                         |
| LED service life (L70)    | 60000hrs                       |

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                   |
| FSC | Fusing                          |
| MGU | Marine grade undercoat          |
| NTB | Natural bronze (premium finish) |
| RAL | RAL finish                      |

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| System bollard head · 360° light output |       |       |       |
|-----------------------------------------|-------|-------|-------|
|                                         | LED   | A     | B     |
| B84704                                  | 16.6W | 7 1/2 | 2 1/4 |



## 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                                                                             | ø10 3/8                                                                             | 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 · Ø7 1/2

| System bollard tube · No access door      |       |        |
|-------------------------------------------|-------|--------|
|                                           | A     | B      |
| <b>B99615</b>                             | 7 1/2 | 14 1/2 |
| System bollard tube · No access door      |       |        |
|                                           | A     | B      |
| <b>B96177</b>                             | 7 1/2 | 32     |
| System bollard tube · With access door    |       |        |
|                                           | A     | B      |
| <b>B99622</b>                             | 7 1/2 | 32     |
| System bollard tube · Integral floodlight |       |        |
|                                           | A     | B      |
| <b>B99644</b>                             | 7 1/2 | 32     |
|                                           | LED   |        |
| <b>B99644</b>                             | 19.3W |        |

| System bollard tube · Integral emergency lighting battery |       |        |
|-----------------------------------------------------------|-------|--------|
|                                                           | A     | B      |
| <b>B99635</b>                                             | 7 1/2 | 32     |
| System bollard tube · Integral GFCI outlet                |       |        |
|                                                           | A     | B      |
| <b>B99626</b>                                             | 7 1/2 | 32     |
| Wood system bollard tube · Round                          |       |        |
|                                                           | A     | B      |
| <b>B84464</b>                                             | 7 1/2 | 32 1/8 |
| System bollard tube · Integral PIR motion sensor          |       |        |
|                                                           | A     | B      |
| <b>B99658</b>                                             | 7 1/2 | 32     |

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Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to [bega-us.com](https://bega-us.com)  
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