



# BT HEAVY INDUSTRIAL SERIES

## BHB 20 LED

### DESCRIPTION

The BT Heavy Industrial Series offers outstanding light output in a functional design utilizing a stainless steel forward rake trunnion bracket with integrated aiming markings. The aiming system with 3D fit-outs ensures the correct light for any environment, as well as, increases safety by controlling stray light from reaching oncoming operators' view.

#### Features and Benefits:

- Compact and Durable Die-Cast Housing Construction
- Reverse Polarity Protection
- Multiple Beam Pattern Options
- 400/500 Watt Halide Equivalent

### SPECIFICATIONS

#### MECHANICAL

|                  |                   |
|------------------|-------------------|
| Fixture Weight:  | 9.92 lbs (4.5kg)  |
| Shipping Weight: | 11.35 lbs (514kg) |
| Mounting:        | Single Bolt M10   |

#### TECHNICAL

|                        |                             |
|------------------------|-----------------------------|
| LED:                   | XP-L(CREE)                  |
| Raw Lumens:            | 17,600 lm                   |
| Effective Lumens:      | 11,270 lm                   |
| Wattage:               | 140W                        |
| Wattage Per LED:       | 7W                          |
| Amp Draw:              | 11.7A@12V DC   5.83A@24V DC |
| Color Temperature:     | 5,700 Kelvin                |
| Operating Voltage:     | 11-60V DC                   |
| Operating Temperature: | -40°C ~ 85°C                |
| Lifespan:              | 50,000 hrs                  |
| Polarity:              | Reverse Polarity Protection |
| Connector:             | 2 Pin Deutsch               |

#### CONSTRUCTION

|                   |                                  |
|-------------------|----------------------------------|
| Housing:          | Die-Cast 6061 Aluminum           |
| Finish:           | Gloss Black & Gloss Yellow Bezel |
| Lens:             | Polycarbonate                    |
| Bracket Material: | 304 Stainless Steel              |

#### RATINGS

|                     |  |
|---------------------|--|
| EMC Emission:       | (CISPR 25) Edition 3.0 (2008-03) Class 3 |
| Ingress Protection: | IP-68, IP69k                             |
| Vibration Rating:   | 60 Grms                                  |
| Warranty:           | 3 Years                                  |



#### PART #:

| PART #:     | BEAM PATTERN        |
|-------------|---------------------|
| BHB072010   | 10°                 |
| BHB072025   | 25°                 |
| BHB072040   | 40°                 |
| BHB072060   | 60°                 |
| BHB072090   | 90°                 |
| BHB07203065 | 30/65° (Elliptical) |



#### 2D DRAWING

