

## Drive-over in-grade luminaires to illuminate ground surfaces

**Outer housing:** Constructed of high tensile strength, copper free die-cast aluminum alloy. Die castings are marine grade, copper free ( $\leq 0.3\%$  copper content) A360.0 aluminum alloy.

**Inner housing:** Constructed of copper free die-cast aluminum alloy, with two piece die-cast aluminum clamping ring/cover/guard, removable for relamping, secured together with four (4) heavy stainless steel bolts which provide a pressure seal to gasket and glass. Two (2) captive socket head stainless steel screws secure inner housing cover to outer housing. Proper drainage must be provided.

**Enclosure:** One piece heavy die-cast aluminum cover with clear borosilicate focusing lens. Molded, one piece, high temperature silicone rubber gasket.

**Electrical:** 3W LED luminaire, 5 total system watts. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with a  $>80$  CRI. Available in 4000K ( $>80$  CRI); add suffix K4 to order. Inner housing pre-wired with nine (9) feet of 18/3 water stopper cable, cable clamp, and waterproof cable gland entry into housing. A separate weatherproof single gang wiring box for power supply must be provided (by contractor).

**Note:** Due to the dynamic nature of LED technology, LED luminaire data in this catalog is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to [www.bega-us.com](http://www.bega-us.com).

**Finish:** All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in standard BEGA Black (BLK). Custom colors not available.

**UL** listed for US and Canadian Standards, suitable for wet locations and vehicle drive over. Protection class: IP67.

**Note:** A foundation must be supplied by the contractor designed to bear the pressure loads from vehicles with pneumatic tires. These luminaires are characterized by their capacity to withstand high pressure loads of up to 8,800 lbs. The luminaires must not be used for traffic lanes where they are subject to horizontal pressure from vehicles braking, accelerating, and changing direction. Proper drainage must be provided.

**Temperature caution:** The column 'T' in the chart below indicates the temperature in degrees Celsius which is reached on the top of the luminaire housing during operation. Surface temperatures are for exterior applications. For interior applications add  $10^{\circ}\text{C}$  to the temperature shown.

**Weight:** 13.2 lbs.

**Luminaire Lumens:** 20



Single 180° port						
	Lamp	A	B	C	D	T
<b>88801</b>	3W LED	8 3/4	10	6 7/8	2 1/8	45°

Type:  
BEGA Product:  
Project:  
Voltage:  
Color:  
Options:  
Modified:

