

# INDUSTRIAL SOLUTIONS

**Marine grade anti corrosive coating**

BT Series lights polyester powder coating is designed for the exterior environment offering excellent long term light and weather resistance. Its marine grade anti-corrosive coating has passed multiple chemical and durability tests including:

Salt Spray AS3715 2.5.10 (1000 hours)

Exterior durability AS3715 (12 months continuous exposure)

**Long life - 50,000 hours**

Using Pulse Width Modulation (PWM), the LEDs are being turned on and off at a frequency quicker than the human eye can detect. This technology allows the LEDs to be driven hard whilst still achieving a long life span of 50,000 hours.

**CISPR 25 - Class 1 rated**

To limit the RF noise that your work light introduces into electronics/radios, enabling better communication.

**Outstanding light output**

The latest LEDs provide a mass volume of light where you need it most. The color temperature of LED is closer to that of sunlight which reduces eye strain and enables excellent peripheral vision.



## HEAVY INDUSTRIAL BT HEAVY INDUSTRIAL SERIES

ABOUT THE BT HEAVY INDUSTRIAL SERIES

**UPGRADED STAINLESS STEEL TRUNNION BRACKET FOR MINING**

The BT Heavy Industrial Series offers outstanding light output in a functional design utilizing a forward rake trunnion bracket, with integrated aiming markings on the sides and base of the bracket. Utilizing the aiming system in conjunction with 3d fit outs to ensure the correct light for any environment. As well as increasing safety, be keeping light out of other operators. High quality construction and components enable the BT Heavy Industrial Series to withstand vibration up to 60Grms. Built-in reverse polarity protection helps prevent accidental damage caused by incorrect installation. Electronic thermal management ensures that if the light is subjected to massive heat overload, that a self protection protocol is engaged to reduce the light output, until such time as the heat overload retreats to normal parameters.

**Moulded DT connectors**

Any product is only as good as its components and Deutsch's moulded DT connectors are manufactured from high quality materials selected for their ability to withstand years of environmental exposure.

**Reverse polarity protection**

BT Series lights will not sustain accidental damage if the polarity to the light is reversed by incorrect installation.

**IP69K rated**

The IP69K rating ensures that the work lights are dust tight with no ingress of particulates and protected against high pressure, high temperature wash downs.

**Electronic thermal management**

In an extraordinary situation where the light is subjected to massive heat overload, a self protection protocol is engaged to reduce the light output, until such time as the heat overload retreats to normal parameters.



## LIGHT INDUSTRIAL BT LIGHT INDUSTRIAL SERIES

ABOUT THE BT LIGHT INDUSTRIAL SERIES

**OEM/AFTERMARKET REPLACEMENT LIGHTING FOR HALOGEN/HID**

The BT Light Industrial Series offers outstanding light output in a functional design which can be easily adjusted, with either of the supplied trunnion or single bolt bracket options. High quality construction and components enable the BT Light Industrial Series to withstand vibration up to 21Grms. Built-in reverse polarity protection helps prevent accidental damage caused by incorrect installation. Electronic thermal management ensures that if the light is subjected to massive heat overload, that a self protection protocol is engaged to reduce the light output, until such time as the heat overload retreats to normal parameters.



BHB 20



400 / 500-WATT METAL HALIDE REPLACEMENT FIXTURE  
Forward Rake Trunnion Bracket | Aiming System on Bracket | Reverse Polarity Protection

BEAM PATTERNS 10°, 25°, 40°, 60°, 90°, 30°x65°	WARRANTY Extended	DIMENSIONS 9.42" x 6.81" x 4.92"
RAW LUMENS 16,000 lm (ea)	EFFECTIVE LUMENS 11,270 lm (ea)	METRIC 239mm x 173mm x 125mm
WATTAGE / AMPS 140W / 11.66A @12V	VIBRATION RATING 60 Grms	WEIGHT 9.25 lb / 4.20 kg

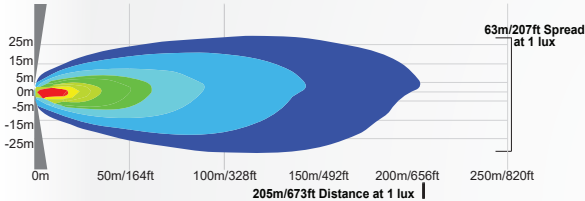


ITEM #	PART #	QTY	BEAM
BHB072025	9898223	1	25°
BHB072040	9898230	2	40°

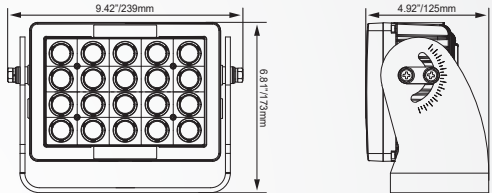
ITEM #	PART #	QTY	BEAM
BHB072060	9898247	1	60°
BHB072090	9898254	1	90°

BEAM PATTERN

BHB072040 | 9898230 - 40° Beam



2D VIEW



BHB 12



1000-WATT Halogen Equivalent  
Forward Rake Trunnion Bracket | Aiming System on Bracket | Reverse Polarity Protection

BEAM PATTERNS 10°, 25°, 40°, 60°, 90°, 30°/65°	WARRANTY Extended	DIMENSIONS 6.95" x 5.20" x 4.02"
RAW LUMENS 9,600 lm (ea)	EFFECTIVE LUMENS 6,697 lm (ea)	METRIC 177mm x 132mm x 102mm
WATTAGE / AMPS 84W / 7.0A @12V	VIBRATION RATING 60 Grms	WEIGHT 4.96 lb / 2.25 kg

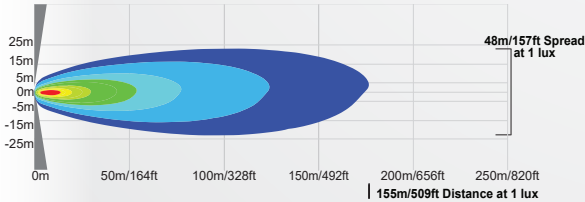


ITEM #	PART #	QTY	BEAM
BHB071225L	9898162	1	25°
BHB071240L	9898179	2	40°

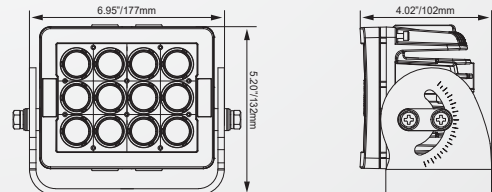
ITEM #	PART #	QTY	BEAM
BHB071260L	9898186	1	60°
BHB071290L	9898193	1	90°

BEAM PATTERN

BHB071240L | 9898179 - 40° Beam



2D VIEW



BHB 9



700-WATT Halogen Equivalent  
Forward Rake Trunnion Bracket | Aiming System on Bracket | Reverse Polarity Protection

BEAM PATTERNS 10°, 25°, 40°, 60°, 90°, 30°x65°	WARRANTY Extended	DIMENSIONS 6.08" x 5.20" x 3.33"
RAW LUMENS 7,200 lm (ea)	EFFECTIVE LUMENS 5,734 lm (ea)	METRIC 154mm x 132mm x 85mm
WATTAGE / AMPS 63W / 5.26A @12V	VIBRATION RATING 60 Grms	WEIGHT 3.96 lb / 1.80 kg

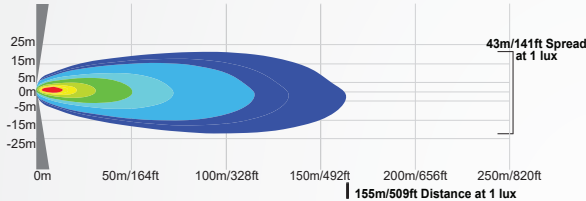


ITEM #	PART #	QTY	BEAM
BHB070925	9898049	1	25°
BHB070940	9898056	2	40°

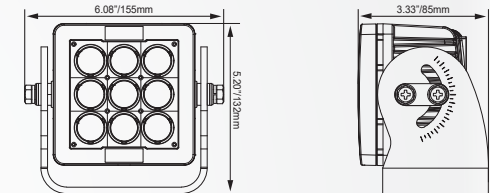
ITEM #	PART #	QTY	BEAM
BHB070960	9898063	1	60°
BHB070990	9898070	1	90°

BEAM PATTERN

BHB070940 | 9898056 - 40° Beam



2D VIEW



BHB 5



400-WATT Halogen Equivalent  
Forward Rake Trunnion Bracket | Aiming System on Bracket | Reverse Polarity Protection

BEAM PATTERNS 10°, 25°, 40°, 60°, 90°, 30°x65°	WARRANTY Extended	DIMENSIONS 4.86" x 4.41" x 3.98"
RAW LUMENS 4,000 lm (ea)	EFFECTIVE LUMENS 3,305 lm (ea)	METRIC 123mm x 112mm x 101mm
WATTAGE / AMPS 35W / 2.92A @12V	VIBRATION RATING 60 Grms	WEIGHT 2.20 lb / 1.00 kg

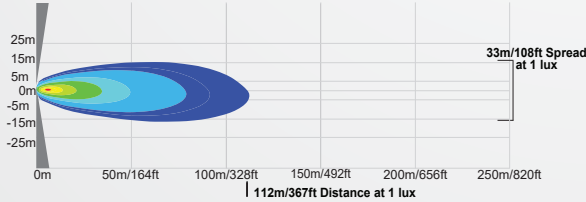


ITEM #	PART #	QTY	BEAM
BHB070525	9897981	1	25°
BHB070540	9897998	2	40°

ITEM #	PART #	QTY	BEAM
BHB070560	9898001	1	60°
BHB070590	9898018	1	90°

BEAM PATTERN

BHB070540 | 9897998 - 40° Beam



2D VIEW

