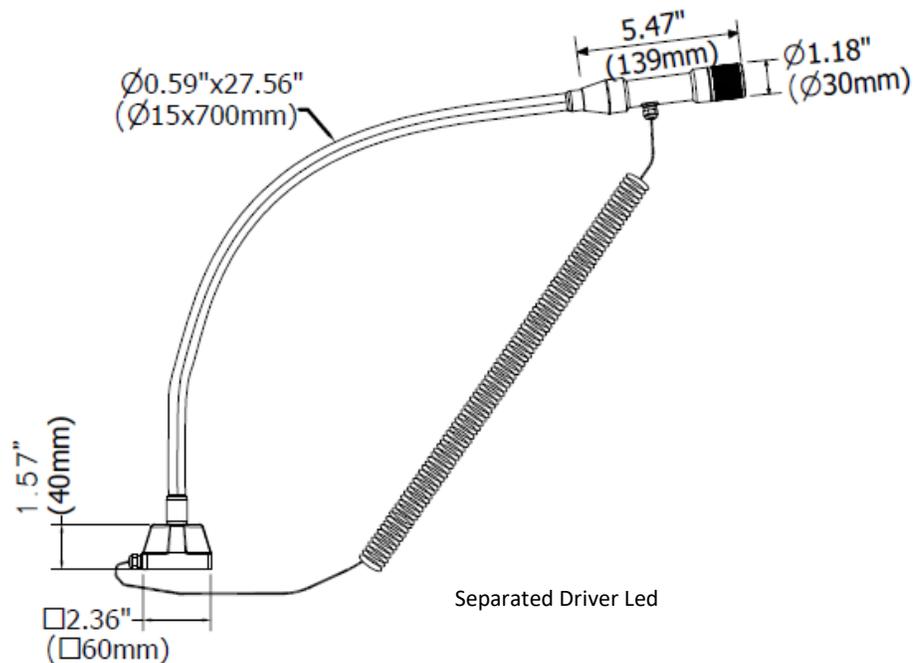




LED gooseneck lamp suitable especially for inspection of parts and quality control manufacturing. Removable head equipped with a magnetic holding on the back. Suitable for illuminating details that are otherwise difficult to access. The coil cord can be extended up to 7 ft and allow the head to be moved any position.

- 1 power LED source
- 3 W
- Optics 40° - 60°
- Removable and adjustable magnetic head
- Base made of PA66 GF30
- External power supply 100- 230 Vac or 24 Vdc
- Operating current 700 mA with ONLY DC stabilized electronic sources used!

DIMENSIONS



MECHANICAL FEATURES

Model	BT0121S02	BT0121S03	BT0122S02	BT0122S03	BT0124S02	BT0124S03
Casing Material	Anodized aluminum					
Side Caps	Anodized aluminum					
Surface Treatment	Standard: 10 microns of black aluminum solution oxidation					
Front Glass	0.16 in (4 mm) thick, extra clear tempered screen-printed glass					
Weight (excluding accessories)	~2.65 lb (1,20 kg)	~2.65 lb (1,20 kg)	~3.09 lb (1,40 kg)	~3.09 lb (1,40 kg)	~3.09 lb (1,40 kg)	~3.09 lb (1,40 kg)
Protection Index	IP65 Compatible with NEMA Type 12					
Impact Resistance	1.00 N m/s					
Operating Temperature	04°F (-20°C) to +131°F (+55°C)					
Installation	CLAMP04, B02					

ELECTRICAL FEATURES

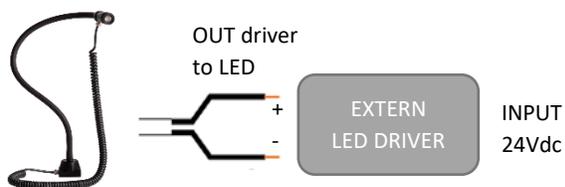
Model	BT0121S02	BT0121S03	BT0122S02	BT0122S03	BT0124S02	BT0124S03
Power Input	3 W (@700mA)					
Power Supply	24 Vdc		100-230 Vac		100-230 Vac	
Current	0,13A		0,23 A		0,23 A	
Device Power Protection	-					
Electrical Connection	CABLE		CABLE + EURO PLUG		CABLE + US PLUG A	
Insulation Class	Only lamp Class III (SELV) / Class II with driver					
Efficiency Class	A/A+/A++/A+++ (Integrated LED module) compliant with UE Law No. 874/2012					

CONNECTION* 24 VDC version

PUR 2x 0.0012 in² (0.75 mm²) L= 5 ft. (1,5 m)

Conductor

Connection



Brown (OUT driver)

+ LED

White (OUT driver)

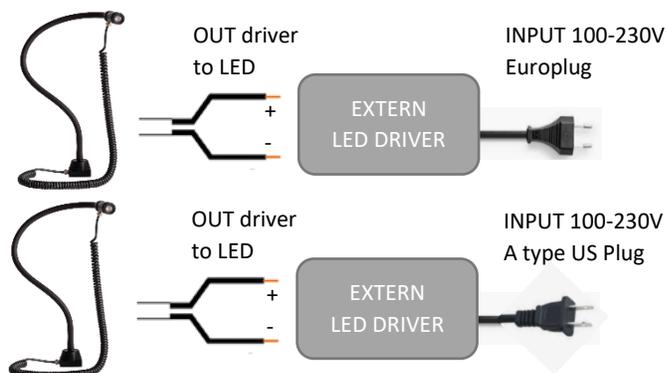
- LED

CONNECTION* 100-230 Vac version

PVC 2x 0.0005 in² (0.75 mm²) L= 5 ft. (1,5 m) + Power cord PVC 2x

Conductor

Connection



Brown (OUT driver)

+ LED

White (OUT driver)

- LED

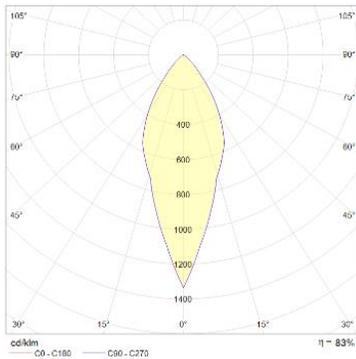
OPTICAL FEATURES

Model	N° and Type of LEDs	LED Lifespan	Light Color	CRI	Light Beam Angle	Luminous Flux	Efficiency
BT0121S02	1 Power LED	60 000 h L70 **	5,000 K	80	40° Optics	~ 125 lm	~ 42 lm/W
BT0121S03	1 Power LED	60 000 h L70 **	5,000 K	80	60° Optics	~ 110 lm	~ 37 lm/W
BT0122S02	1 Power LED	60 000 h L70 **	5,000 K	80	40° Optics	~ 125 lm	~ 42 lm/W
BT0122S03	1 Power LED	60 000 h L70 **	5,000 K	80	60° Optics	~ 110 lm	~ 37 lm/W
BT0124S02	1 Power LED	60 000 h L70 **	5,000 K	80	40° Optics	~ 125 lm	~ 42 lm/W
BT0124S03	1 Power LED	60 000 h L70 **	5,000 K	80	60° Optics	~ 110 lm	~ 37 lm/W

** Flow beam reduced by less than 30% after 60,000 hours

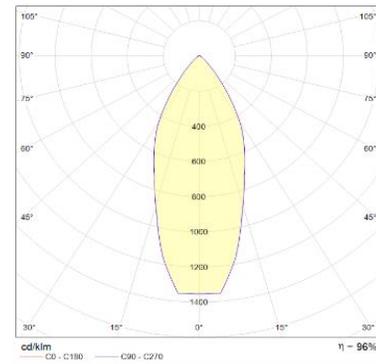
PHOTOMETRIC DIAGRAMS

40° Optics

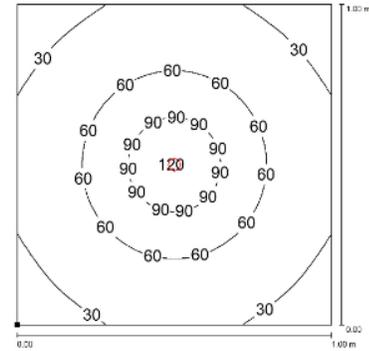
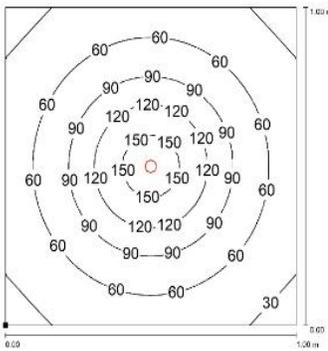


BT0121S02
BT0122S02
BT0124S02

60° Optics



BT0121S03
BT0122S03
BT0124S03



Distance graphic: 1m

MOUNTING OPTIONS

Product pictures	Description	Code product
	<p>Robust, versatile vibration-resistant metal clamp made of black powder-coated stainless steel. Quick assembly on workbenches, manual machine tools, drilling machines etc.</p>	CLAMP04
	<p>The strong neodymium magnetic base with high adhesion is the perfect solution for all applications that require both high adhesion and frequent changes in light position.</p>	B02

ORDER CODES

Model	Description
BT0121S02	Gooseneck, 1LED, 27.55"(700mm), 40°, 3W, 24Vdc, Cable 5ft(1.5m)
BT0121S03	Gooseneck, 1LED, 27.55"(700mm), 60°, 3W, 24Vdc, Cable 5ft(1.5m)
BT0122S02	Gooseneck, 1LED, 27.55"(700mm), 40°, 3W, 100-230Vac, Cable 5ft(1.5m), Europlug
BT0122S03	Gooseneck, 1LED, 27.55"(700mm), 60°, 3W, 100-230Vac, Cable 5ft(1.5m), Europlug
BT0124S02	Gooseneck, 1LED, 27.55"(700mm), 40°, 3W, 100-230Vac, Cable 5ft(1.5m), US Plug A
BT0124S03	Gooseneck, 1LED, 27.55"(700mm), 60°, 3W, 100-230Vac, Cable 5ft(1.5m), US Plug A
CLAMP04	Metal clamp for 2,36x2,36"(60x60mm) base
B02	Magnetic base with screw 2.36x2.36 inc.(60x60mm)