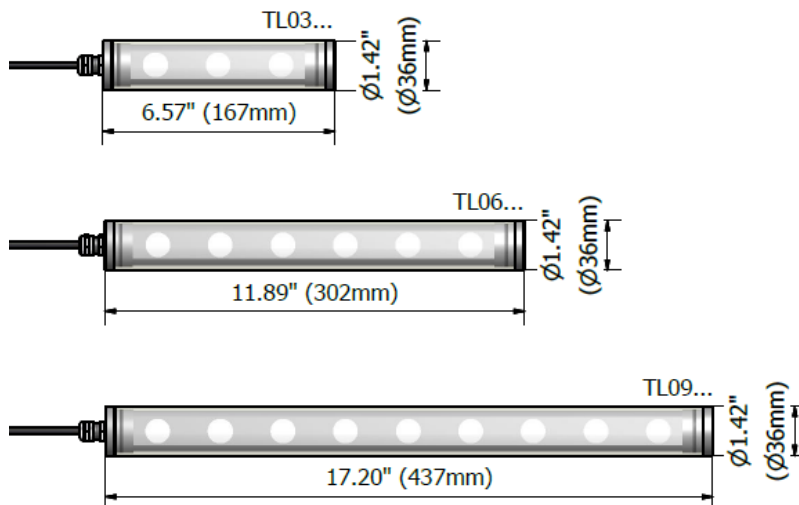


The T-LED is a series designed to offer a modular tubular solution with a luminous flux concentrated on machine tools such as high-speed cutters, lathes and drills. The IP68 aluminum structure and polycarbonate cover make this lamp resistant to vibrations and shavings. The flow of light is concentrated thanks to different types of lenses to illuminate even the most distant point. Particularly suitable in workplaces where spaces are very narrow but at the same time, they require a powerful and intense light.

- Structure made entirely of anodized aluminum
- Outer diameter 1.42 in (36 mm)
- 3 lengths to meet every need
- 4 types of lenses with narrow, medium and wide emission angles
- Tubular structure with high degree of protection IP68
- Operating temperature from -04°F (-20°C) to +113°F (+ 45°C)
- LED lifespan: (L 70) > 60,000 hours
- Light color 5,000 K -- CRI 80
- 24 Vdc or 230 Vac connection with external LED driver
- 4.92 ft (1.5 m) power cord
- Attaching with TFX01 side-mounting brackets or CLIP36

DIMENSIONS



MECHANICAL FEATURES

Model	TL0321S01 -TL0321S02 TL0321S03 -TL0321S04	TL0322S01 -TL0322S02 TL0322S03 -TL0322S04	TL0621S01 -TL0621S02 TL0621S03 -TL0621S04	TL0622S01 -TL0622S02 TL0622S03 -TL0622S04	TL0922S01 -TL0922S02 TL0922S03 -TL0922S04
Casing Material	Anodized aluminum				
Side Enclosers	Anodized aluminum				
Surface Treatment	Standard: 10 microns of natural aluminum solution oxidation				
Front Glass	Tubular polycarbonate in outer diameter 1.42 in (36 mm)				
Weight	0.88 lb (0.40kg)		1.34 lb (0.65kg)		2.14 lb (1.00kg)
Protection Index	IP68 Compatible with NEMA Type 12				
Impact Resistance	1.00 N m/s				
Operating Temperature	04°F (-20°C) to +113°F (+ 45°C)				
Installation	TFX01 Stainless-steel side brackets / CLIP36 steel clip kit				

ELECTRICAL FEATURES

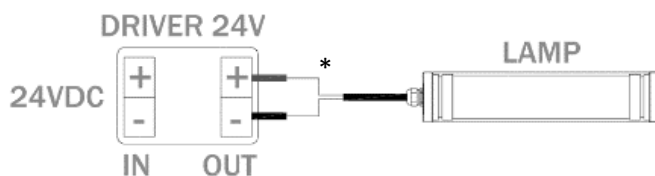
Model	TL0321S01 -TL0321S02 TL0321S03 -TL0321S04	TL0322S01 -TL0322S02 TL0322S03 -TL0322S04	TL0621S01 -TL0621S02 TL0621S03 -TL0621S04	TL0622S01 -TL0622S02 TL0622S03 -TL0622S04	TL0922S01 -TL0922S02 TL0922S03 -TL0922S04
Power Input	6 W		12 W		18 W
Power Supply	22-30 Vdc	100-240 VAC	22-30 Vdc	100-240 VAC	100-240 VAC
Device Power Protection	Use only direct current electronic driver LED supplied with the lamp				
Electrical Connection	Cable	Cable + Europlug	Cable	Cable + Europlug	Cable + Europlug
Insulation Class	Class III (SELV)	Class II	Class III (SELV)	Class II	Class II
Efficiency Class	A/A+/A++/A+++ (Integrated LED module) compliant with UE Law No. 874/2012				

CONNECTION 24 VDC with 5 ft. (1,5m) Cable, Standard length

PVC 2x 0.34 mm² L= 5 ft. (1,5 m)

Conductor *

Connection



Brown (out driver LED)

+ LED

White (out driver LED)

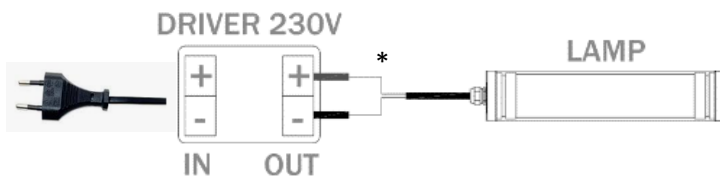
- LED

CONNECTION 230 VAC with 5 ft. (1,5m) Cable, Standard length + 6,5ft. (2m) cable+Europlug

PVC 2x 0.34 mm² L= 5 ft. (1,5 m) + PVC 2x 0,75 mm² L= 6.5 ft. (2 m)

Conductor *

Connection



Brown (out driver LED)

+ LED

White (out driver LED)

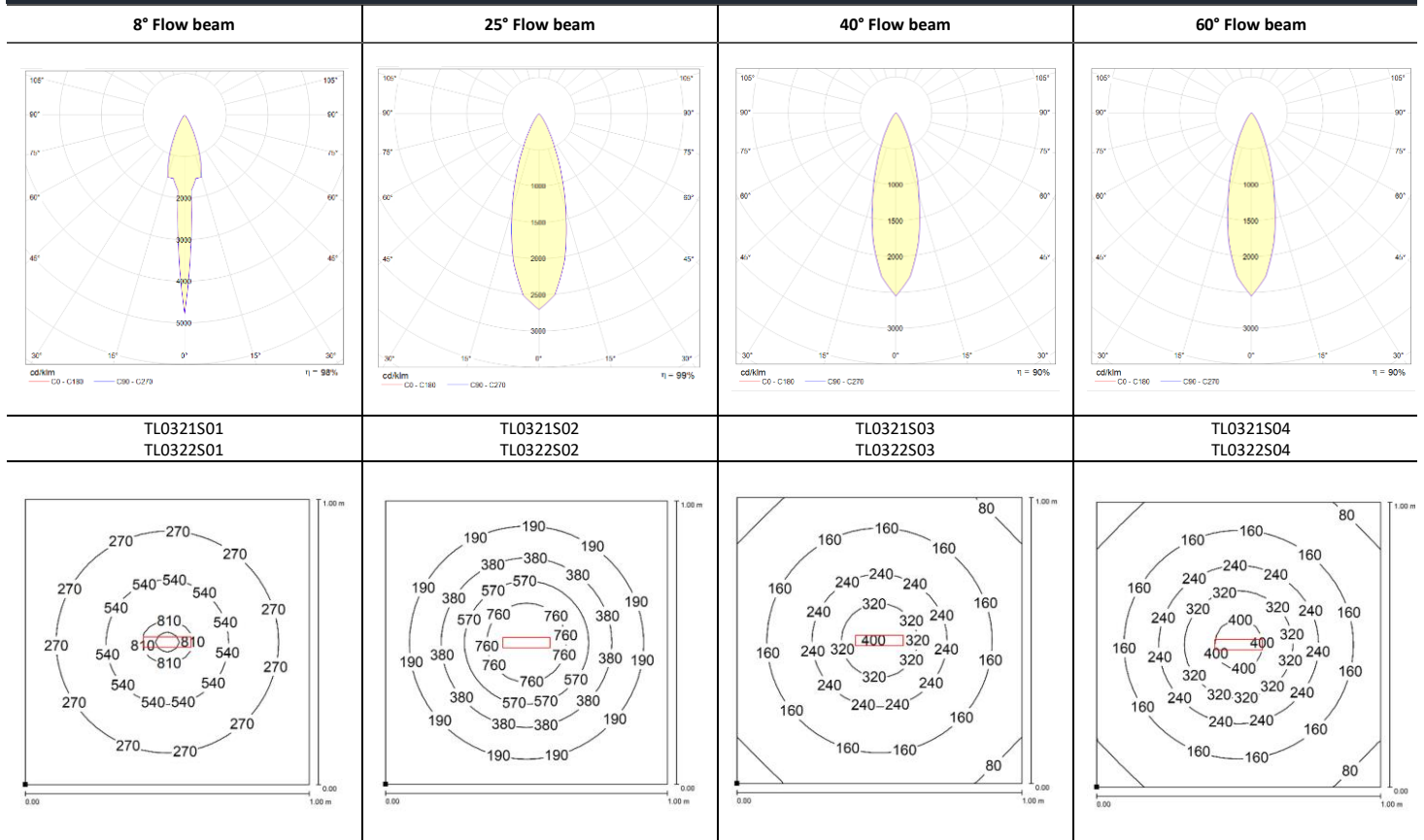
- LED

OPTICAL FEATURES

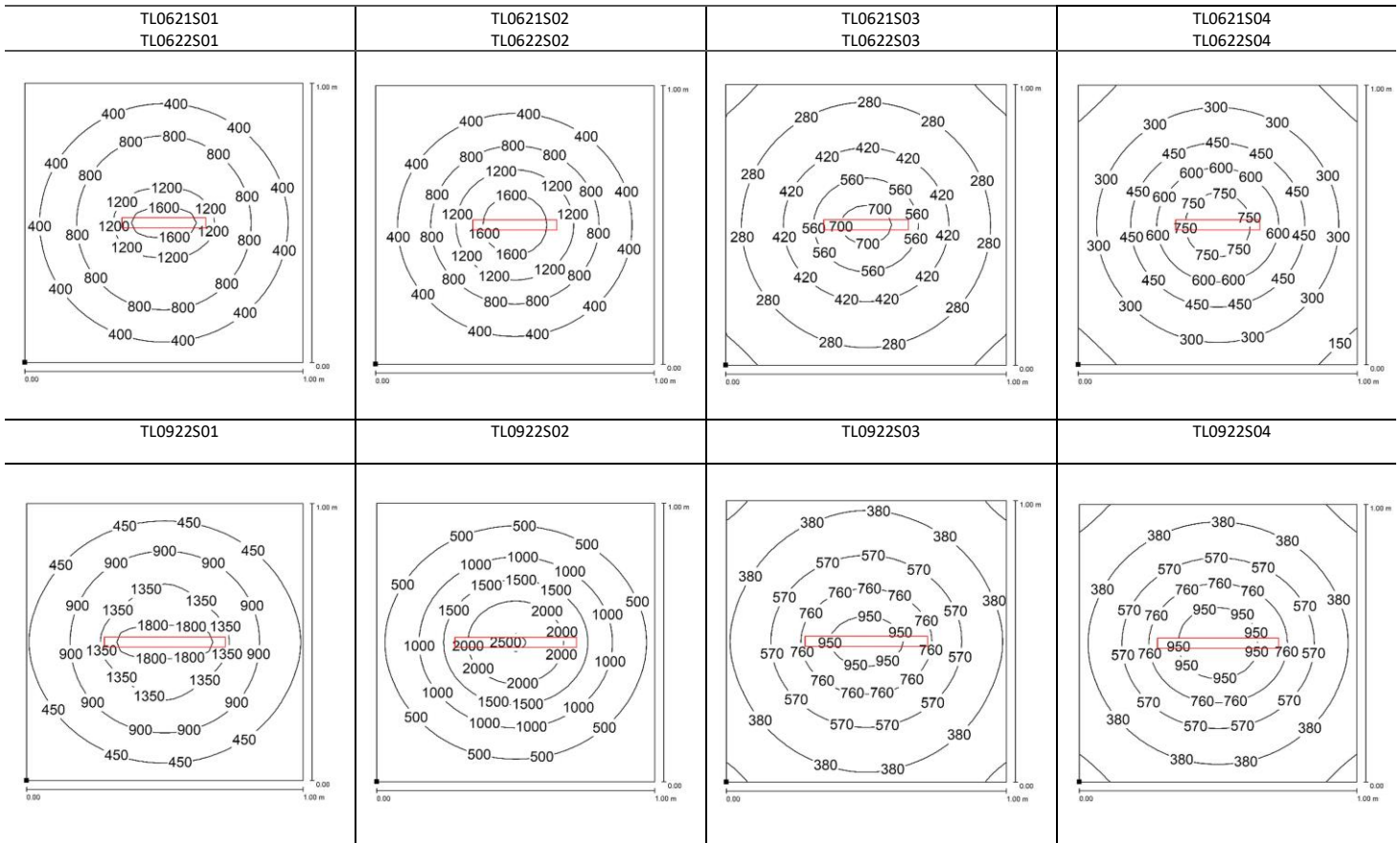
Model	N° and Type of LEDs	LED Lifespan	Light Color	CRI	Light Beam Angle	Luminous Flux	Efficiency
TL0321S01	3 Power LED	60 000 h L70 **	5000 K	80	8°	440 lm	73 lm/W
TL0322S01	3 Power LED	60 000 h L70 **	5000 K	80	8°	440 lm	73 lm/W
TL0321S02	3 Power LED	60 000 h L70 **	5000 K	80	25°	420 lm	70 lm/W
TL0322S02	3 Power LED	60 000 h L70 **	5000 K	80	25°	420 lm	70 lm/W
TL0321S03	3 Power LED	60 000 h L70 **	5000 K	80	40°	390 lm	65 lm/W
TL0322S03	3 Power LED	60 000 h L70 **	5000 K	80	40°	390 lm	65 lm/W
TL0321S04	3 Power LED	60 000 h L70 **	5000 K	80	60°	360 lm	60 lm/W
TL0322S04	3 Power LED	60 000 h L70 **	5000 K	80	60°	360 lm	60 lm/W
TL0621S01	6 Power LED	60 000 h L70 **	5000 K	80	8°	880 lm	73 lm/W
TL0622S01	6 Power LED	60 000 h L70 **	5000 K	80	8°	880 lm	73 lm/W
TL0621S02	6 Power LED	60 000 h L70 **	5000 K	80	25°	850 lm	71 lm/W
TL0622S02	6 Power LED	60 000 h L70 **	5000 K	80	25°	850 lm	71 lm/W
TL0621S03	6 Power LED	60 000 h L70 **	5000 K	80	40°	780 lm	65 lm/W
TL0622S03	6 Power LED	60 000 h L70 **	5000 K	80	40°	780 lm	65 lm/W
TL0621S04	6 Power LED	60 000 h L70 **	5000 K	80	60°	730 lm	61 lm/W
TL0622S04	6 Power LED	60 000 h L70 **	5000 K	80	60°	730 lm	61 lm/W
TL0922S01	9 Power LED	60 000 h L70 **	5000 K	80	8°	1330 lm	74 lm/W
TL0922S02	9 Power LED	60 000 h L70 **	5000 K	80	25°	1270 lm	71 lm/W
TL0922S03	9 Power LED	60 000 h L70 **	5000 K	80	40°	1170 lm	65 lm/W
TL0922S04	9 Power LED	60 000 h L70 **	5000 K	80	60°	1100 lm	61 lm/W

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

PHOTOMETRIC DIAGRAMS



Distance graphic: 1m



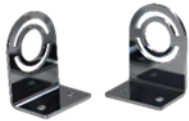
Distance graphic: 1m

MOUNTING OPTIONS

Product pictures

Description

Code product



Robust, versatile and vibration resistant, it is a 60° angle adjustment bracket. Made of chrome-plated stainless steel, it is the perfect solution when you need to adjust the direction of the flow beam in high-vibrating applications.
Product code – set is composed by two brackets with M3 screws and steel handle washers.

TFX01



Chrome-plated steel clip kit for diameter 1.42 in (36 mm).
 allow you to clip the lamp and adjust the direction of the flow beam.

CLIP36

ORDER CODES

Model	Description
TL0321S01	TLED, 6.57"(167mm) x Ø1.42"(36mm), 8°, 6W, 24VDC, Cable 5ft(1.5 mt)
TL0322S01	TLED, 6.57"(167mm) x Ø1.42"(36mm), 8°, 6W, 100_230Vac, Cable 5ft(1.5 mt)
TL0321S02	TLED, 6.57"(167mm) x Ø1.42"(36mm), 25°, 6W, 24VDC, Cable 5ft(1.5 mt)
TL0322S02	TLED, 6.57"(167mm) x Ø1.42"(36mm), 25°, 6W, 100_230Vac, Cable 5ft(1.5 mt)
TL0321S03	TLED, 6.57"(167mm) x Ø1.42"(36mm), 40°, 6W, 24VDC, Cable 5ft(1.5 mt)
TL0322S03	TLED, 6.57"(167mm) x Ø1.42"(36mm), 40°, 6W, 100_230Vac, Cable 5ft(1.5 mt)
TL0321S04	TLED, 6.57"(167mm) x Ø1.42"(36mm), 60°, 6W, 24VDC, Cable 5ft(1.5 mt)
TL0322S04	TLED, 6.57"(167mm) x Ø1.42"(36mm), 60°, 6W, 100_230Vac, Cable 5ft(1.5 mt)
TL0621S01	TLED, 11.90"(302mm) x Ø1.42"(36mm), 8°, 12W, 24VDC, Cable 5ft(1.5 mt)
TL0622S01	TLED, 11.90"(302mm) x Ø1.42"(36mm), 25°, 12W, 100_230Vac, Cable 5ft(1.5 mt)
TL0621S02	TLED, 11.90"(302mm) x Ø1.42"(36mm), 25°, 12W, 24VDC, Cable 5ft(1.5 mt)
TL0622S02	TLED, 11.90"(302mm) x Ø1.42"(36mm), 25°, 12W, 100_230Vac, Cable 5ft(1.5 mt)
TL0621S03	TLED, 11.90"(302mm) x Ø1.42"(36mm), 40°, 12W, 24VDC, Cable 5ft(1.5 mt)
TL0622S03	TLED, 11.90"(302mm) x Ø1.42"(36mm), 40°, 12W, 100_230Vac, Cable 5ft(1.5 mt)
TL0621S04	TLED, 11.90"(302mm) x Ø1.42"(36mm), 60°, 12W, 24VDC, Cable 5ft(1.5 mt)
TL0622S04	TLED, 11.90"(302mm) x Ø1.42"(36mm), 60°, 12W, 100_230Vac, Cable 5ft(1.5 mt)
TL0922S01	TLED, 17.20"(437mm) x Ø1.42"(36mm), 8°, 18W, 100_230Vac, Cable 5ft(1.5 mt)
TL0922S02	TLED, 17.20"(437mm) x Ø1.42"(36mm), 25°, 18W, 100_230Vac, Cable 5ft(1.5 mt)
TL0922S03	TLED, 17.20"(437mm) x Ø1.42"(36mm), 40°, 18W, 100_230Vac, Cable 5ft(1.5 mt)
TL0922S04	TLED, 17.20"(437mm) x Ø1.42"(36mm), 60°, 18W, 100_230Vac, Cable 5ft(1.5 mt)
TFX01	TCITY-TLED, stainless steel side brackets kit
CLIP36	TLED, chrome-plated steel clip kit, Ø36mm