

product introduction

The TSLOT Series of lights are an extrusion adaptive LED light illuminator with an intense and uniform light pattern that offer considerable energy savings over fluorescent lighting options. Mounting is easy in that the TSLOT unit slides into the extrusion with no need for extra mounting accessories. With the ability to direct-connect up to 6 modules lengths of 300 mm to 1800 mm are achievable in 300 mm increments.

product features



- Operates on Industry Standard 24VDC
- Compatible with 8mm/10mm Channel TSLOT Extrusion
- Easy Install With Male And Female Connector
- Direct-Connect Up To 6 Units Together
- Patent Pending
- 3 Year Warranty

product specifications

Electrical Input	24VDC +/- 5%
Current	Max. 500mA
Wattage	Max. 12W
Color Temp.	4000K and 6000K
Connect	6 Max.
Connection	Phoenix Contact 2.5mm pitch, 2 position block plug - P/N1778832
Ambient Temp.	-20° - 50° C (-4° - 122° F)
IP Rating	IP50
Compliances	CE and RoHS
Weight	~34g
IEC 62471 Rating	See page 2

product number key

TSLOT300-XXX – X.XK —» Part Number Key

Product Family:
Linear Light
TSLOT

Size:
300mm

Color:
WHI-White

Temperature:
4.0K – 4000K
6.0K – 6000K

CE and RoHS Compliant

product warnings

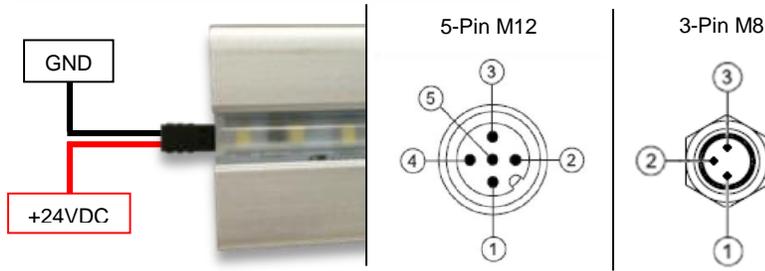


Attention

Please note that the power requirements for this unit are 500mA. Failure to provide 500mA may result in unrepeatability of lighting and premature LED and circuit board degradation.



wiring information



Each TSLOT300 unit simply requires a 24VDC source with ground.

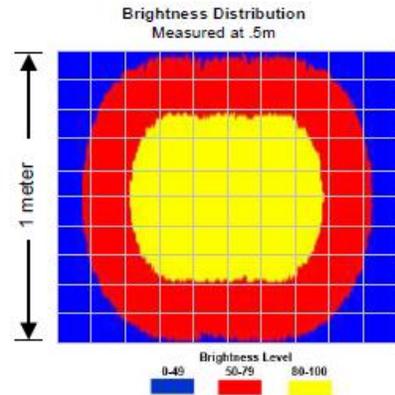
With the light source facing towards you:

- Pin 1 – 24VDC
- Pin 3 - Common



distance chart

Working Distance Mm (inches)	Pattern (80%-100% measured intensity) mm (inches)
.5m (~19.7")	550mm (~21.7") H x 560mm (~22") W
1m (~39.4")	760mm (~30") H x 760 (~30") W
1.5m (~59.1")	971mm (~38.2") H x 971mm (~38.2") W
Typical Output Performance	
Distance = 0.5 meter	1,660 lux
<i>Illumination measurement taken with white LEDs – 6000K</i>	



mounting & accessories



M8-TSL0T300-ADP

Extrusion mounted M8 Power Connector

M12-TSL0T300-ADP

Extrusion mounted M12 Power Connector

TSL0T300-ENDSTOP

Extrusion mounted end stop for TSL0T light

TSL0T300-DIM

Inline Dimmer Module

5PM12-22P

SLOT M12 Pigtail Connector

TSL0T300-22-CR-*

6=6", 8.5=8.5", 12=12"

2-Pin Jumper Cable for TSL0T Lights



compatibility list



- TSL0T300 is compatible with most 8mm and 10mm channel T Slot aluminum extrusions including 80/20, Bosch, Item, RoboUnits, and many more.



risk group

According to IEC 62471:2006. Full documentation upon request.

Notice

Exempt Group: No photobiological hazard to eyes or skin even for continuous, unrestricted use.
Applicable for wavelengths: WHI