



UNDERCABINET LIGHTING

SOLO-TASK LED
12VAC, 3000K LED ARRAY

USTL1, USTLR1, UK3STL

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT DESCRIPTION

The Solo-Task LED luminaire offers ultimate flexibility and efficiency for task and accent lighting. The diminutive size allows it to be used easily and unobtrusively in applications where lighting of both superior efficacy and quality is desired. Solo-Task LED luminaires approximate light levels of 25-watt halogen and xenon sources while using less than $\frac{1}{5}$ of the energy, and generates significantly less heat. The ability to use multiple Solo-Task LED luminaires together in a daisy-chain method makes installation simple and straightforward. Solo-Task LED luminaires are designed for maintenance free operation for 50,000 hours and can be ordered in surface mount or recessed mount configuration. A convenient all-in-one surface mount kit is also available.

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury

PRODUCT SPECIFICATIONS

LED 3000K white phosphor array provides outstanding performance, color quality/consistency and reliability • 80 CRI minimum.

Housing Quality die-cast aluminum • Daisy-chain capable utilizing screw-type terminal blocks • Accepts 14AWG through 18AWG wire • Designer white, black, brushed bronze or satin nickel finishes • Available as surface mount or recessed mount fixture.

Life Rated at 50,000 hours at 70% lumen maintenance.

Lens High transmission diffusing lens produces smooth, uniform aperture luminance.

LED Drivers/Transformers Onboard luminaire LED driver operates at less than 5-watts input at 12-volts AC • Requires Class 2, 120-volt to 12-volt AC electronic (remote or plug-in) or magnetic (remote) driver/transformer for operation • Juno's [TL602E](#) and TL548 LED electronic drivers/transformers, and [MAGXFMR](#) magnetic driver/transformer are designed specifically for use with these luminaires.

Dimming May be dimmed with dimmers tested and qualified by Juno for use with [TL602E](#) and [MAGXFMR](#) • Refer to driver/transformer specifications for compatible dimmers • Color temperature remains constant over dimming range

Labels UL Listed for indoor damp locations • UL and cUL Listed • Union made • RoHS compliant.

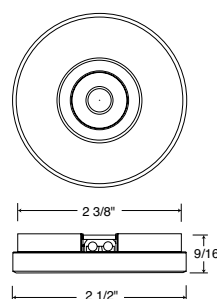
Warranty Warranty period is 5-years from date of purchase • Standard Juno Lighting Group product guarantee terms and conditions apply • Continuously operating these luminaires above 12VAC will void the warranty.

Specifications subject to change without notice.

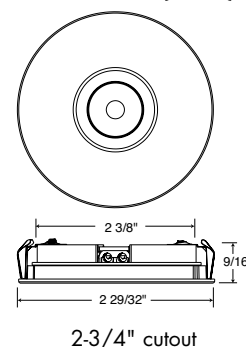


DIMENSIONS

Surface Mount (USTL1)



Recessed Mount (USTLR1)



ELECTRICAL DATA

	USTL1/USTLR1	UK3STL
No. of Fixtures	1	3
Input voltage	12VAC	120VAC
Total input power (watts)	3.8*	12.4
Total input current	0.37*	0.13
Lumens	286	872
Efficacy (lumens/watt)	74.5	70.3

*Solo-Task input power. Additional losses vary depending on transformer and system loading.

ORDERING INFORMATION (Type fixture options in the blank form fields below)

Example: USTL1 30K 80CRI BL

Series		CCT	Minimum CRI	Finish
USTL1	Solo-Task 12VAC LED Array Fixture, Surface Mount	30K 3000K	80CRI 80 CRI	BL Black
USTLR1	Solo-Task 12VAC LED Array Fixture, Recessed Mount			BZ Brushed Bronze
UK3STL	Solo-Task 12VAC LED Array Fixture, Surface Mount Kit, 3 fixtures			SN Satin Nickel
				WH White

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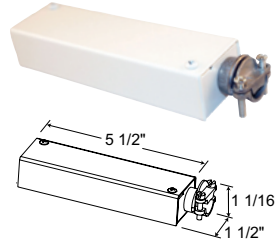
SOLO-TASK LED
1 2VAC, 3000K LED ARRAY

USTL1, USTLR1, UK3STL

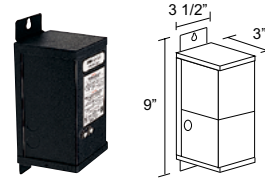


ACCESSORIES

Catalog Numbers	Description
UST18G 10FT BL	Solo-Task 18AWG 2-Conductor Wire, 10', Black
UST18G 10FT WH	Solo-Task 18AWG 2-Conductor Wire, 10', White
UST18G 25FT BL	Solo-Task 18AWG 2-Conductor Wire, 25', Black
UST18G 25FT WH	Solo-Task 18AWG 2-Conductor Wire, 25', White
USTREC BL	Solo-Task Recessed Conversion Kit, Black
USTREC BZ	Solo-Task Recessed Conversion Kit, Brushed Bronze
USTREC SN	Solo-Task Recessed Conversion Kit, Satin Nickel
USTREC WH	Solo-Task Recessed Conversion Kit, White
USTSHIELD BL	Solo-Task Shield, Black
USTSHIELD WH	Solo-Task Shield, White
USTSNOOT BL	Solo-Task Snoot, Black
USTSNOOT WH	Solo-Task Snoot, White



TL602E



MAGXFMR

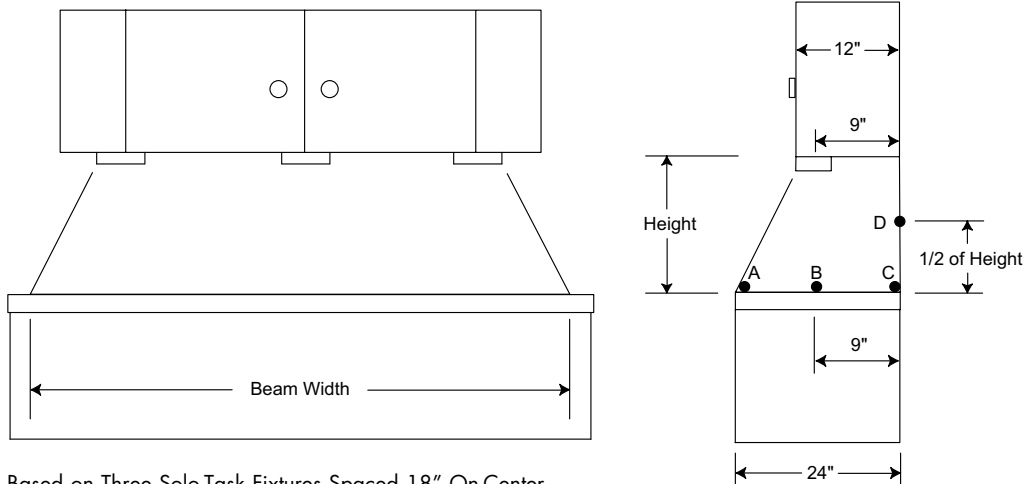
TRANSFORMERS

Catalog Numbers	Description
TL602E 10W 120 12AC 6CP WH	LED-Compatible Electronic Driver/Transformer, 10W Maximum Rating, 120 Volt, 12V AC, 6FT Cord & Plug, White
TL602E 25W 120 12AC 6CP WH	LED-Compatible Electronic Driver/Transformer, 25W Maximum Rating, 120 Volt, 12V AC, 6FT Cord & Plug, White
TL602E 60W 120 12AC 6CP WH	LED-Compatible Electronic Driver/Transformer, 60W Maximum Rating, 120 Volt, 12V AC, 6FT Cord & Plug, White
MAGXFMR 1C 10W 120 12AC BL	Magnetic Transformer, 10W Maximum Rating, 120 Volt, 12V AC, Black
MAGXFMR 1C 25W 120 12AC BL	Magnetic Transformer, 25W Maximum Rating, 120 Volt, 12V AC, Black
MAGXFMR 1C 60W 120 12AC BL	Magnetic Transformer, 60W Maximum Rating, 120 Volt, 12V AC, Black
TL548 LED 60W 120 12AC BL	Trac 12 12V Plug-In Electronic Transformer, Black
TL548 LED 60W 120 12AC WH	Trac 12 12V Plug-In Electronic Transformer, White

LIGHTING APPLICATION DATA

FOOTCANDLES ON HORIZONTAL WORK SURFACE

Three Solo-Task Fixtures



Based on Three Solo-Task Fixtures Spaced 18" On-Center

Height	Beam Width*	Footcandles			
		A	B	C	D
15"	51"	38.7	118.0	81.6	72.6
18"	53"	39.4	92.0	72.5	65.6
24"	57"	36.9	64.0	57.0	51.7

* Beam width defined as 50% of maximum footcandles
Rear wall reflectance 50%
Counter surface reflectance 20%