



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: STVLED

SERIES SPECIFICATIONS



STVLED Series

The STVLED Series is a slim volumetric direct/indirect troffer with a center light channel providing quality light with modern styling and high visual comfort.



FEATURES

Construction

The body is constructed of 24 gauge, made in USA commercial grade steel with hot dip galvanized finish (6.5µm on both sides). Paint after fabrication (PAF) of galvanized body adds high resistance to rust over its lifetime.

Installation

The STVLED are recessed troffers indented for use in standard drop ceiling grids. Drivers and internal components are accessible from the plenum. Damp location listed.

End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid.

Electrical

The STVLED series delivers up to 164 lumens per watt with 80% lumen maintenance at 60,000hrs. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life.

Optics

The STVLED series uses an acrylic center channel lens to provide optimized diffusion.

Dimming

Analog 0-10V dimming driver (Isolated). Use Violet (+)&Gray (-) for connections to 0-10 volt. Wiring Violet and Gray to together provides min. light output. Capping Violet and Gray separately provides 100% light output. Driver will source a maximum of 160uA for control needs. Controller must sink from 0-10 volt control leads.

Warranty

5-year limited warranty.

Listings

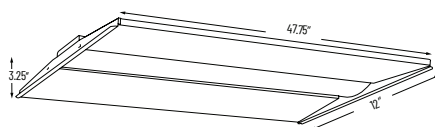
UL listed to US and Canadian safety standards. Damp location listed. Fixtures are Assembled in America. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

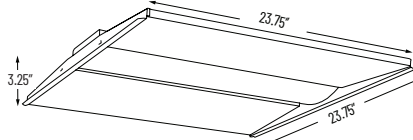
LINE DRAWING/ DIMENSIONS

Series	W	L	H
STVLED14	12"	47.75"	3.25"
STVLED22	23.75"	23.75"	3.25"
STVLED24	23.75"	47.75"	3.25"

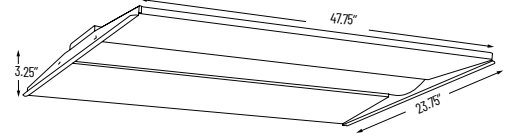
STVLED14



STVLED22



STVLED24



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



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ORDERING MATRIX

Example: STVLED14-40D1L835

SERIES	SIZE	LUMENS	VOLTAGE	# OF DRIVERS	CRI	COLOR TEMP	OPTIONS	EMERGENCY	FINISH
STVLED	[14] 1' x 4'	[-40] : 4000 Lumens	[D] : 120-277VAC [E] : 277-480VAC	[1] : 1 Driver	[L8] : CRI +/- 80	[35] : 3500K [40] : 4000K [50] : 5000K	[BLANK] : No Option [W6-3] : Flex Whip-6' 3 Wire** [W6-515] : Cord-6' SJ-515 Plug**	[BLANK] : No Option [EM] : 10% Emergency back-up	[BLANK] : White [BK] : Black
	[22] 2' x 2'	[-60] : 6000 Lumens							
	[24] 2' x 4'	[-80] : 8000 Lumens*							

* Other whip, cord and plug options available, contact factory for details.

LIGHTING SPECIFICATIONS

VOLTAGE	LUMENS	LPW	WATTAGE
STVLED14-40	5629	171	37
STVLED14-60	6557	163	40
STVLED14-80	8553	164	52
STVLED22-40	4631	132	35
STVLED22-60	5585	145	39
STVLED24-40	4544	166	28
STVLED24-60	6546	163	40
STVLED24-80	8553	164	52

ENVIRONMENTAL SPECIFICATIONS

Ambient Operating Temp.
-40°C to 40°C
Transient Protection
IEEE C62.41 2.5kV
Protection
Over-load, Short circuit, Over temp
Frequency Range (Hz)
50-60 Hz

DIMMING SPECIFICATIONS

Control Voltage	Light Output
8V	100%
1V	5%
.08V	Turn-Off

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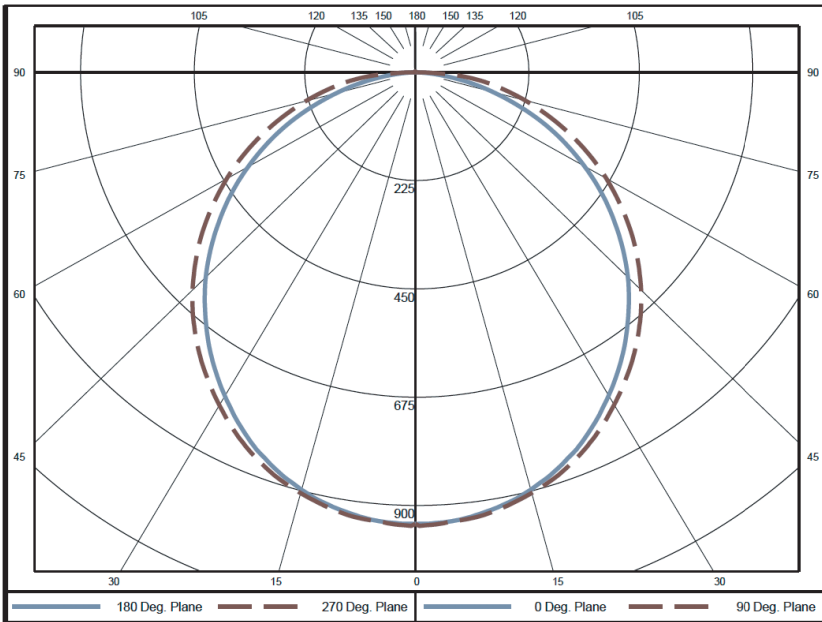


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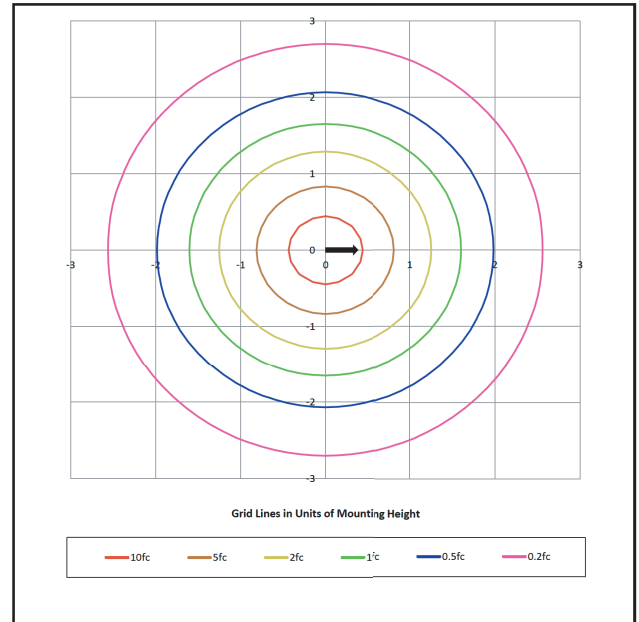
PHOTOMETRIC REPORTS

STVLED22

Polar Graph



ISOFootcandle Plot



Cone of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	58.6	4.98
6.00	26.1	7.48
8.00	14.7	9.97
10.0	9.38	12.5
12.0	6.52	15.0
14.0	4.79	17.4
16.0	3.66	19.9

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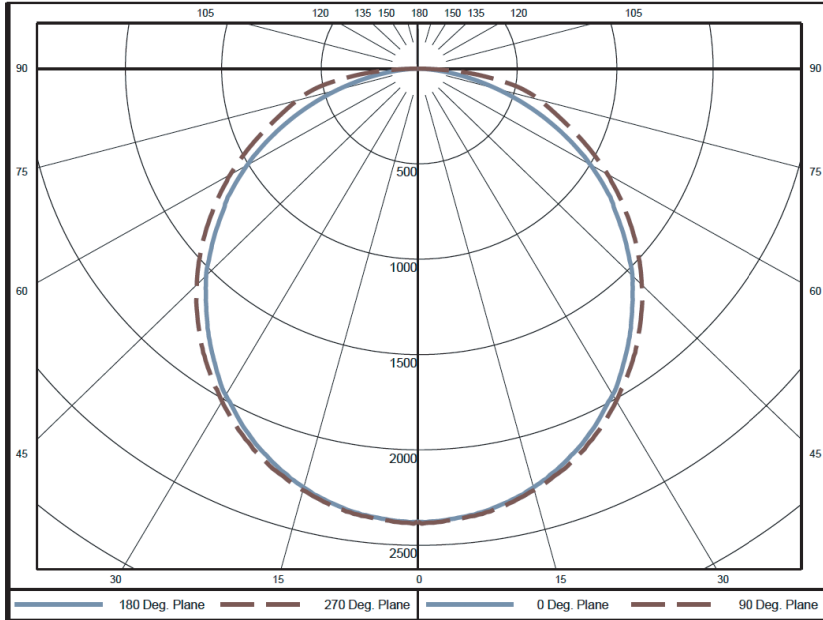


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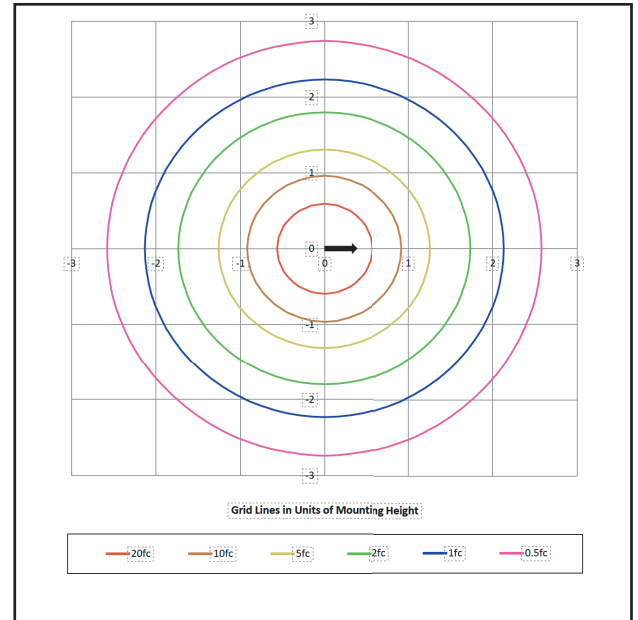
PHOTOMETRIC REPORTS

STVLED24

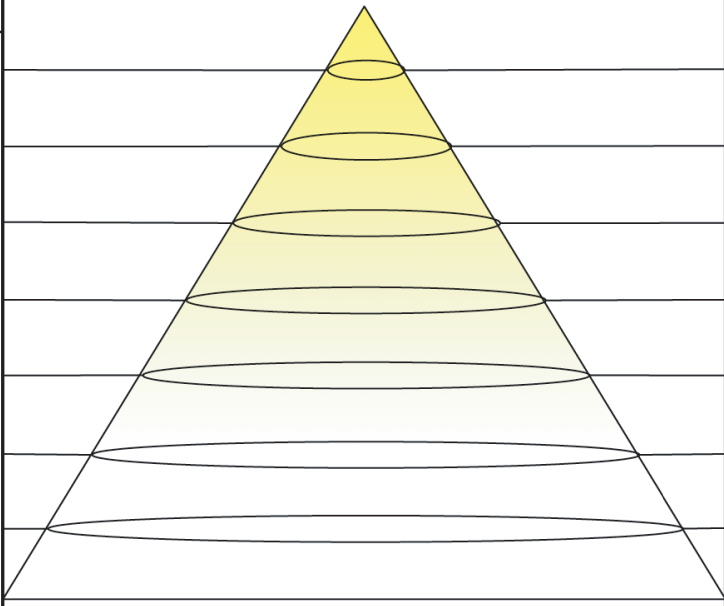
Polar Graph



ISOFootcandle Plot



Cone of Light Tabulation

Mounting Height (Feet)		Footcandles at Nadir	Diameter (Feet)
		4.00	149
6.00	66.0	7.48	
8.00	37.1	9.97	
10.0	23.8	12.5	
12.0	16.5	15.0	
14.0	12.1	17.4	
16.0	9.28	19.9	

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