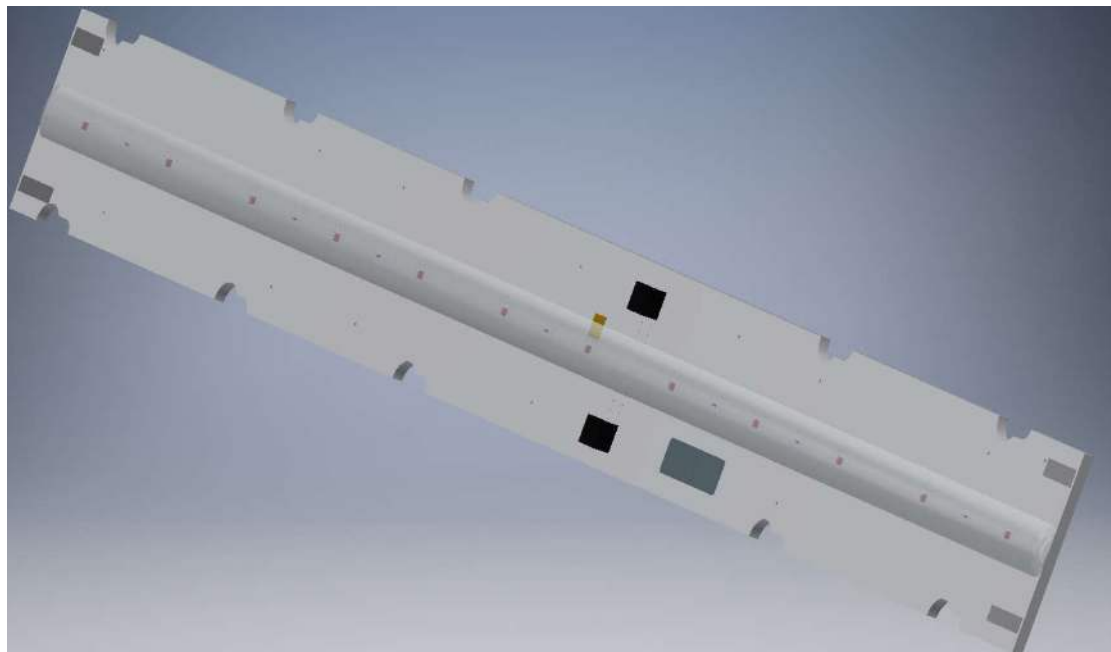


REV	DESCRIPTION	BY	DATE	APPROVED
00	INITIAL RELEASE	JPK	10/09/2017	DRE



PRODUCT INFORMATION

P/N	DESCRIPTION
132541	PCBA TRP Grow Light

MECHANICAL SPECIFICATIONS



**DIMENSIONS SHOWN FOR REFERENCE ONLY*


LIGHT SOURCE: 12 RED LEDS (660 nm), 7 BLUE LEDS (460nm)
 OPERATING TEMPERATURE: -10 - 50°C (14 - 122°F)

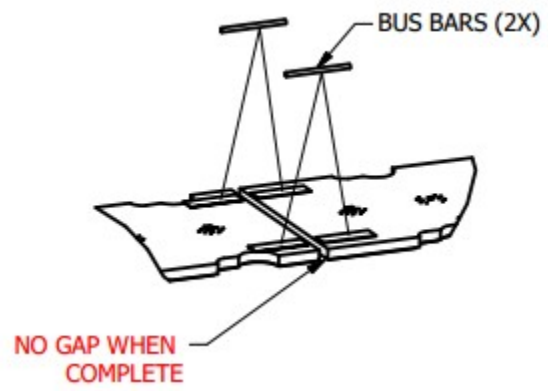
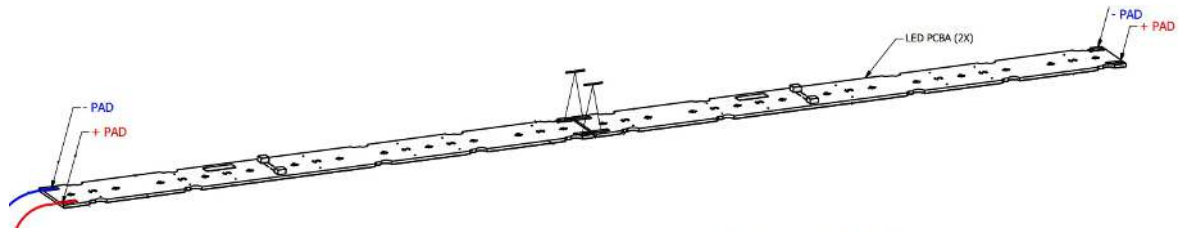
ELECTRICAL SPECIFICATIONS


INPUT POWER: 28 VDC*

INPUT CURRENT: 1.250A*

*TWO UNITS USED WITH THOMAS RESEARCH PRODUCTS LED-50W-036-C1400 DRIVER

	1215 BOWES RD ELGIN, IL 60123	CREATED BY: JPK	SAP #: 132541
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TITLE: PRODUCT SPECIFICATION – PCBA TRP Grow Light		CHECKED BY: MGM	DRAWING NO.
		APPROVED BY: DRE	N0900-0234
			REV. 00

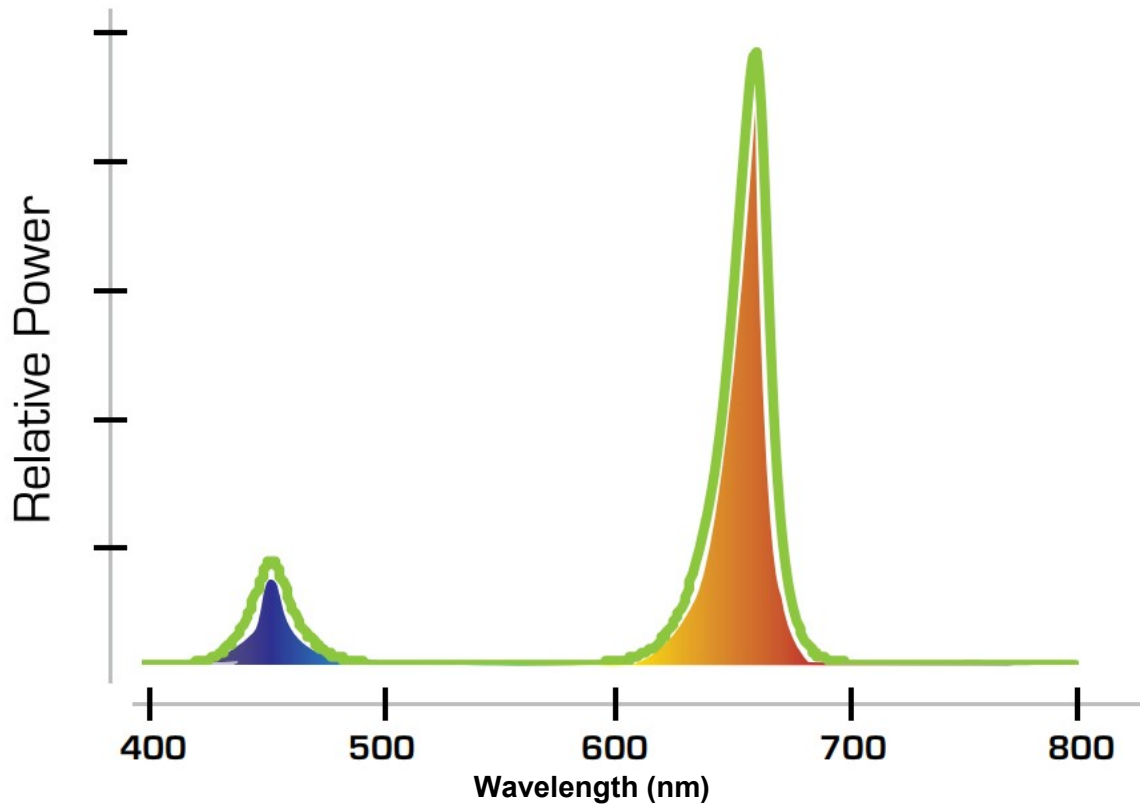


	1215 BOWES RD ELGIN, IL 60123	CREATED BY: JPK	SAP #: 132541
		CREATED DATE: 10/09/2017	PAGE: 2 OF 3
TITLE: PRODUCT SPECIFICATION – PCBA TRP Grow Light		CHECKED BY: MGM	DRAWING NO.
		APPROVED BY: DRE	N0900-0234
			REV. 00

OPTICAL SPECIFICATIONS

OUTPUT: 52 u/MOL/S OUTPUT FOR TWO UNITS
WAVELENGTH: RED: 660nm
 BLUE: 460nm
LED LIFE EXPECTANCY: 50,000 HOURS LIFE @ 25°C

SPECTRAL DISTRIBUTION



Thomas Research Products	1215 BOWES RD ELGIN, IL 60123	CREATED BY: JPK	SAP #: 132541
		CREATED DATE: 10/09/2017	PAGE: 3 OF 3
TITLE: PRODUCT SPECIFICATION – PCBA TRP Grow Light	CHECKED BY: MGM	DRAWING NO. N0900-0234	REV. 00
	APPROVED BY: DRE		