

GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	50 Watts
Input Voltage	120 - 277 VAC ± 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE T: POLYCARBONATE



ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
Dimming Models									
50W	**530mA	47-97 VDC	0-10V Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	89%	LC50-0530Z-UNV-T
	**700mA	36-72 VDC	0-10V Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	88%	LC50-0700Z-UNV-T
	**830mA	30-60 VDC	0-10V Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	88%	LC50-0830Z-UNV-T
	*1050mA	24-48 VDC	0-10V Dimming	120 - 277 VAC	58W	0.50/0.23A	>0.90	87%	LC50-1050Z-UNV-T
	1400mA	18-36 VDC	0-10V Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	86%	LC50-1400Z-UNV-T
	1750mA	14-28 VDC	0-10V Dimming	120 - 277 VAC	59W	0.50/0.23A	>0.90	85%	LC50-1750Z-UNV-T
	2100mA	12-24 VDC	0-10V Dimming	120 - 277 VAC	60W	0.50/0.23A	>0.90	84%	LC50-2100Z-UNV-T
Dual-Dimming Models									
50W	1200mA	21-42 VDC	Dual Dimming	120 - 277 VAC	58W	0.50/0.23A	>0.90	87%	LC50-1200D-UNV-T
Non-Dimming Models									
50W	**700mA	36-72 VDC	Non-Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	87%	LC50-0700N-UNV-T
	*1050mA	24-48 VDC	Non-Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	87%	LC50-1050N-UNV-T
	2100mA	12-24 VDC	Non-Dimming	120 - 277 VAC	57W	0.50/0.23A	>0.90	87%	LC50-2100N-UNV-T

**Non-Class 2

*Class 2 US Only

PRODUCT FEATURES

- Short circuit and overload protection
- Over temperature protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2kVAC
- Surge Rating: 2kV L-N
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- Dual dimming: 0-10V or reverse phase

APPROVALS

- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits @ 120V
- EMC: Meets FCC47 CFR Part 15 (Class A) non-consumer limits @ 277V
- IP 66



TYPE
HL

WARRANTY

- 5 year limited warranty

RELATED PRODUCT

- Case Style I: 9.5" x 1.7" x 1.2"
- Case Style F: 5.0" x 3.0" x 1.4"
- Case Style Z: 5.3" x 1.7" x 1.0"

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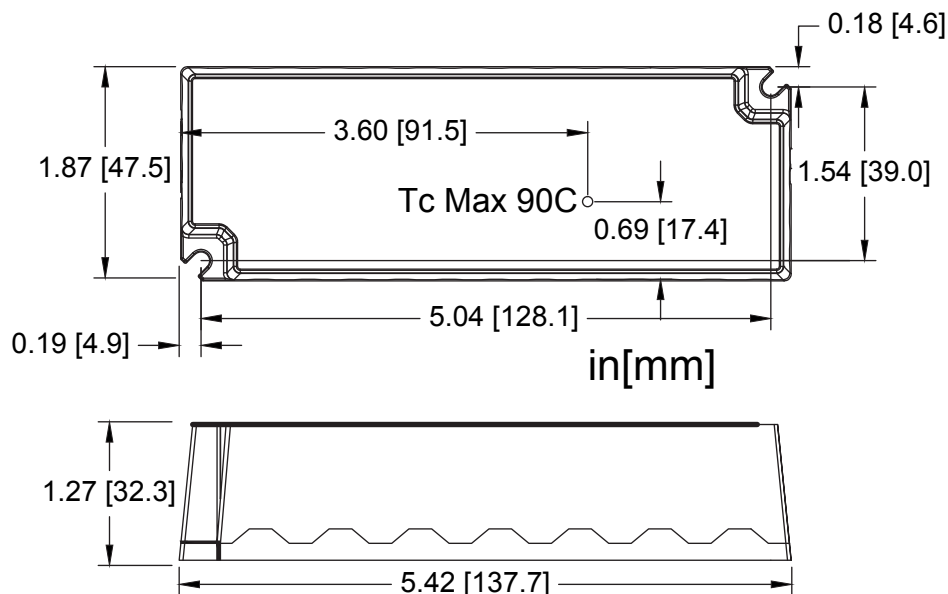
MECHANICAL SPECIFICATIONS: CASE STYLE T

WIRING INFORMATION

Input:	12", Black (L), White (N) #18AWG
Output:	12", Red (+), Blue (-) #18AWG
Dimming:	12", Purple (+), Grey (-) # 18AWG

PACKAGING INFORMATION

Weight:	11 oz
Quantity:	40pc/carton



GENERAL INFORMATION

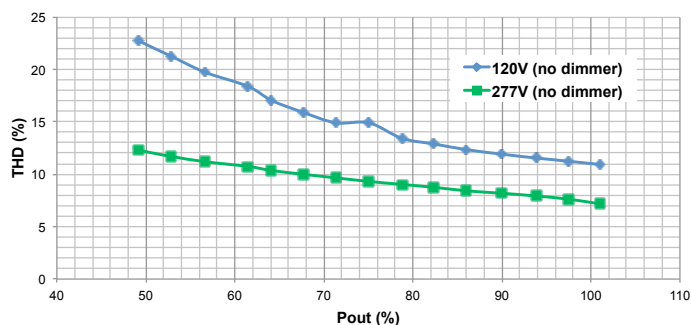
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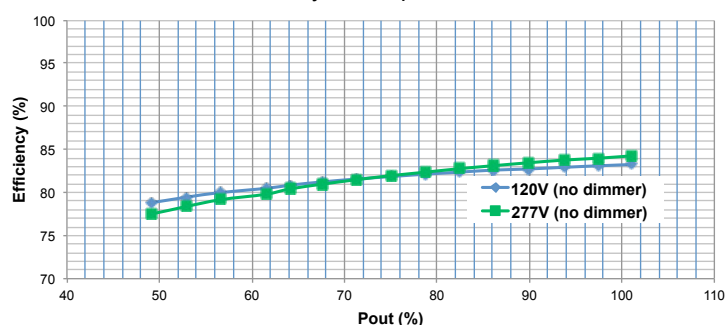


PERFORMANCE CURVES

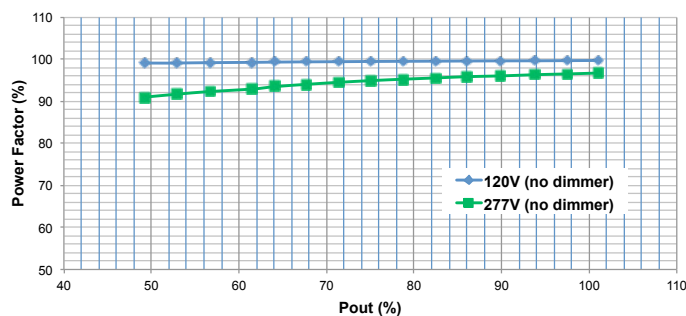
THD vs. Output Power



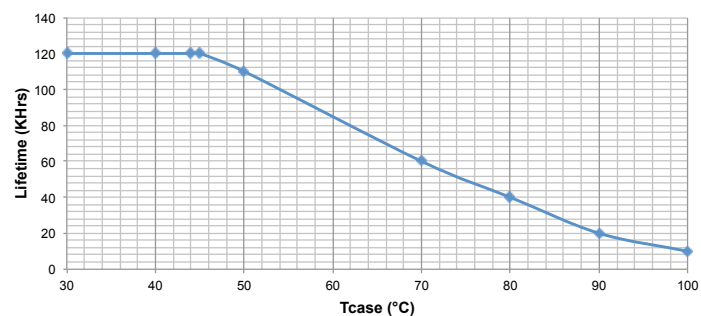
Efficiency vs Output Power



Power Factor vs. Output Power



Lifetime vs. Tcase Temp



THD, PF and efficiency measured at 25°C.
Measurements made on model LC50-0530Z-UNV-T.