

Electrical Specifications

Input Voltage Range:	120V model: 120Vac Nom. with dimmer 230V model: 220Vac-277Vac Nom. with dimmer
Frequency:	50/60 Hz Nom. (47-63 Hz Min/Max)
Power Factor:	>0.90 @ full load, 120Vac (no dimmer)
Inrush Current:	<15.0 Amps @ 120Vac, cold start 25°C, max load
Input Current (Max):	0.39 Amps @ 120Vac, 60Hz, max load
Maximum Power:	40W
Line Regulation:	± 3%
Load Regulation:	±5%

Protections

Over-voltage	Over-Voltage, Over-Current
Short Circuit	Auto Recovery

Environmental Specifications

Maximum Case Temp.	85°C
Minimum Starting Temp:	-30°C
Storage Temperature:	-40°C to +85°C
Humidity:	5% to 95%
Cooling:	Convection
Vibration Frequency:	5 to 55 Hz/2g, 30 minutes
Sound Rating:	Class A
Impact Resistance:	1g/s
MTBF:	375,000 Hours @ full load, 40°C ambient conditions per MIL-217F Notice 2
EMC:	FCC 47CFR Part 15 Class B compliant
Weight:	11 oz. (311 g)

- Smallest Footprint Driver for this wattage
- Total Power: 40 Watts
- Models For: 120Vac or 220Vac-277Vac Input
- UL Dry & Damp Location Rated
- IP66 & NEMA4
- High Power Factor
- Compatible with Triac (leading edge) and ELV (electronic low voltage; trailing edge) dimmer controls
- Use a dimmer that closely matches the load, just slightly larger. (EX: For best performance, use a 150W rated dimmer for 100W total LED load instead of 600W dimmer.)

Safety Cert.	Standard
UL/CUL	UL8750
CSA	22.2
CE	EN61347
EMC Standard	Notes
EN61000-3-2	
EN61000-3-3	Class C
FCC, 47CFR Part 15	Class B
EN6100-4-5	2KV L-N, 8/20 μsec Surge Protection



120Vac Model - ELV & INC Dimming Specifications

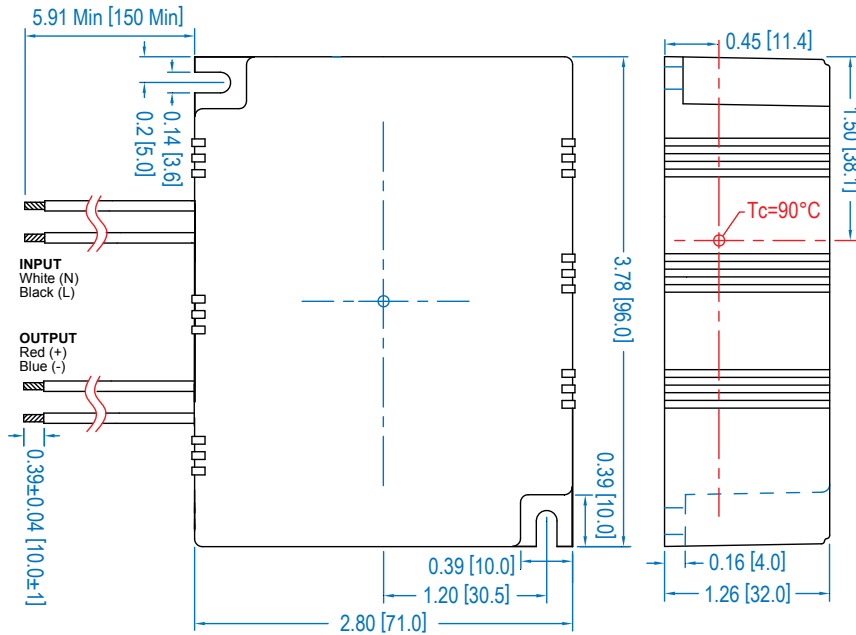
Model	Output Current (mA ±5%)	Output Voltage Range (Vdc)	Max. Output Power (W)	Typical Efficiency
LED40W120-114-C0350-LT	350	72-114	40	85%
LED40W120-054-C0700-LT	700	34-54	40	85%
LED40W120-040-C1000-LT	1000	25-40	40	84%
LED40W120-036-C1100-LT	1100	22-36	40	84%
LED40W120-030-C1300-LT	1300	19-30	40	83%
LED40W120-024-C1670-LT	1670	15-24	40	82%

230Vac Model - ELV & INC Dimming Specifications

Model	Output Current (mA ±5%)	Output Voltage Range (Vdc)	Max. Output Power (W)	Typical Efficiency
LED40W230-114-C0350-LT	350	72-114	40	86%
LED40W230-054-C0700-LT	700	34-54	40	86%
LED40W230-040-C1000-LT	1000	25-40	40	85%
LED40W230-036-C1100-LT	1100	22-36	40	85%
LED40W230-030-C1300-LT	1300	19-30	40	84%
LED40W230-024-C1670-LT	1670	15-24	40	83%

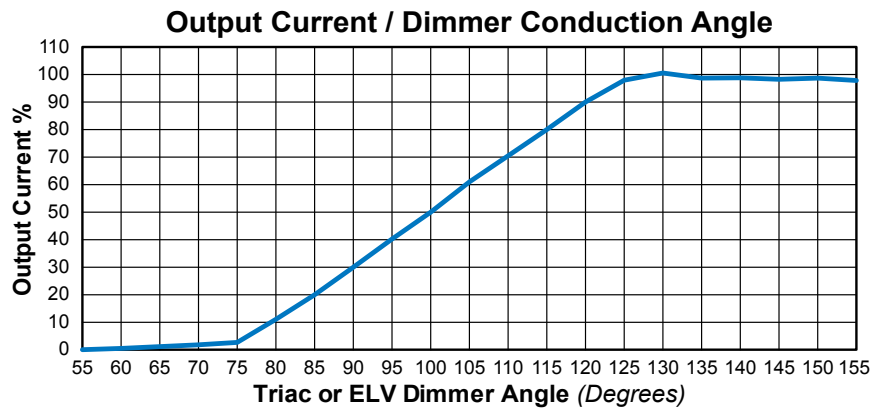
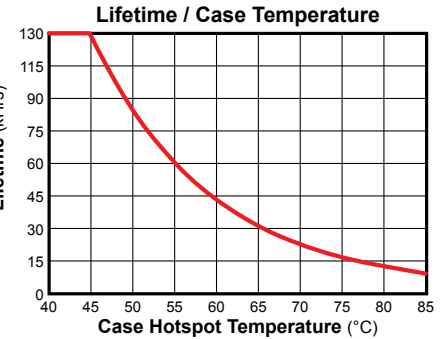
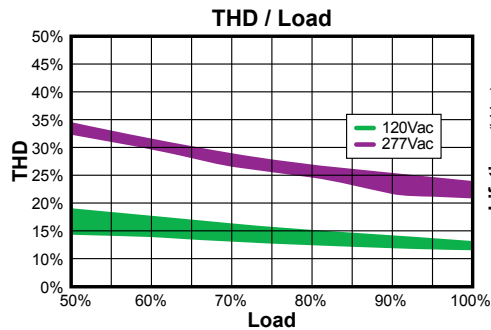
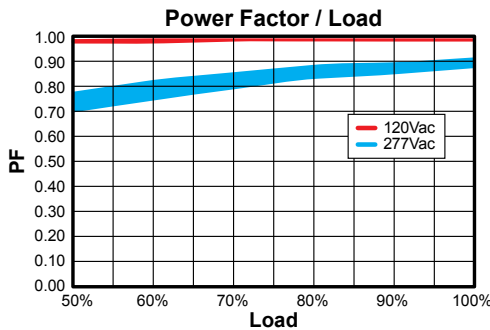
Class 2: US/Canada

Dimensions



IN [mm]

Power Characteristics



UL Conditions of Acceptability

See website for additional information

Note: The area under the life-temperature curve represents where the driver has highly reliable operation within specification. Driver performance may drift out of published specifications as the hours of operation exceed the curve at a given temperature. Higher operating temperatures increase the chances of a failure to function. Other electrical, mechanical and environmental factors affect driver lifetime but are not represented in this calculation.

