

Project Name:	
Type:	

LD1040 Series

High Power Constant Current LED Driver
40 Watts Max. | 10 - 27VDC

PRODUCT FEATURE

- DC Output with Constant Current
- 1-10V dimming compatible
- Meet FCC and CE standards
- For Dry and Damp Locations
- Logic "Enable" for on/off control
- Terminal block for easy, fast installation
- Three Year Warranty



APPLICATIONS

- LED General / Industrial Luminair
- LED Architectural Lighting
- LED Industrial Lighting
- Solar Applications
- e-Merge Applications

SPECIFICATIONS

INPUT RANGE :	10 ~ 27 VDC / 4.5A max.	Input Fuse / Reverse Polarity Protection :	Yes
EFFICIENCY :	93% Typical	MTBF(@25°C) :	>100,000 Hours,MIL-217F
PROTECTION :	OPP,SCP - Auto Recovery	Meet UL safety standard	
OPERATION TEMP. :	-30°C ~ +55°C, Tc : 80°C	FCC Class B, EN55015 compliant	
STORAGE TEMP. :	-40°C ~ +85°C	Dimension :	141 x 45 x 26mm (L x W x H) +/- 0.5mm

WARRANTY

- See [Limited Warranty Policy](#) for more Additional information



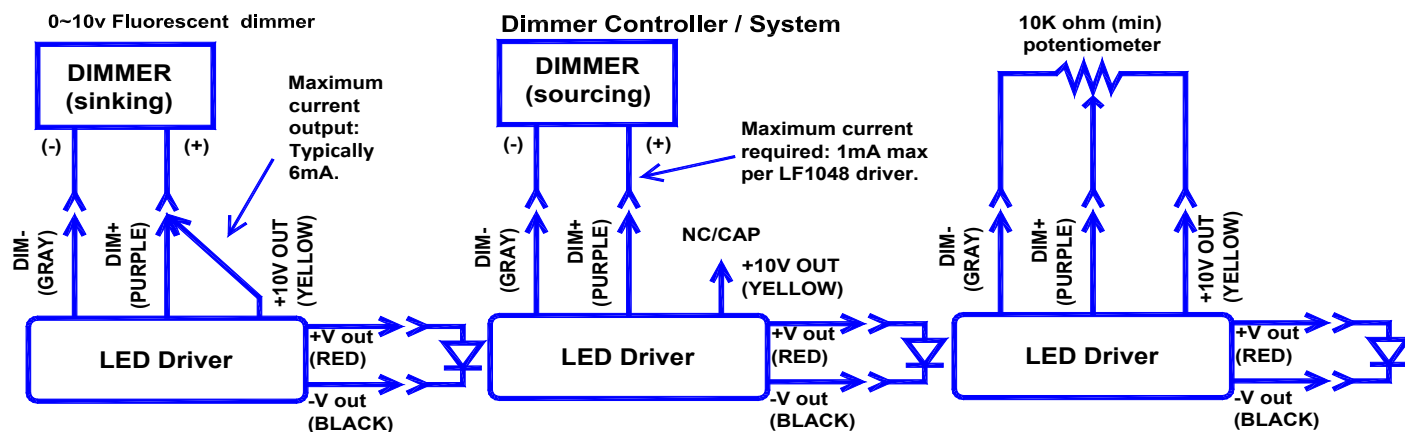
MODEL LIST

FEATURES / MODEL	LD1040 SERIES				
	-36-C1100	-48-C0830	-60-C0670	-88-C0450	-100-C0250 ^{NOTE3}
INPUT VOLTAGE (DC)	12-24VDC (-0 / +3V)	+24VDC (+/- 3V)	+24VDC (+/- 3V)	+24VDC (+/- 3V)	+24VDC (+/- 3V)
EFFICIENCY	93% min.				
OPERATIONAL TEMPERATURE	-30 ~ +50 °C				
DIMMING	1-10 VDC				
LOAD REGULATION	± 1%				
FORWARD VOLTAGE RANGE (VDC)	18-40 ^{note2}	27-52	32-65	44-88	80-100
MAX. FORWARD CURRENT (MA)	1100	833	670	450	400
MAX. OUTPUT (WATTS)	40	40	40	40	40

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MECHANICAL DRAWING

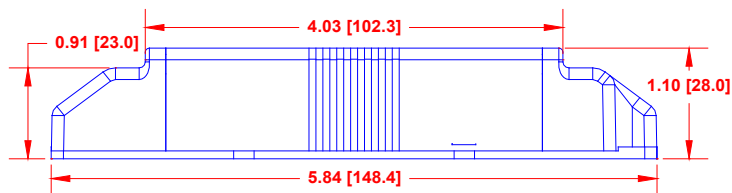
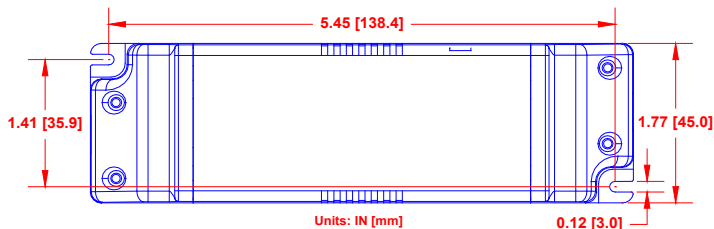


Note1: When DIM+, DIM- and +10V are left open, the output will be at the maximum rated current.

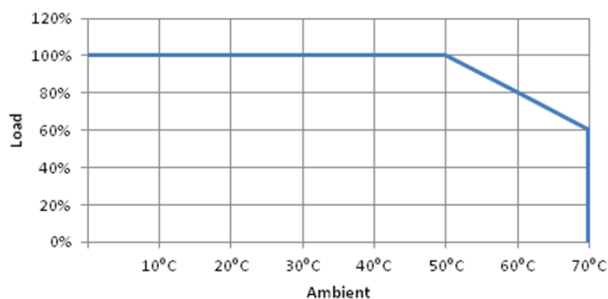
Note2: When input is greater than 18VDC, the Vf (forward voltage) has to be at least 2VDC higher than the input voltage.

Note3: Not UL certified

MECHANICAL SPECIFICATIONS



Derating Temp. vs. Load



Efficiency - Input vs. Load

