PRELIMINARY SPEC

AC LED POWER DESIGNS

Switch-Hitter

Constant Current LED Driver

MULTI-CURRENT SWITCHING AND DIMMING

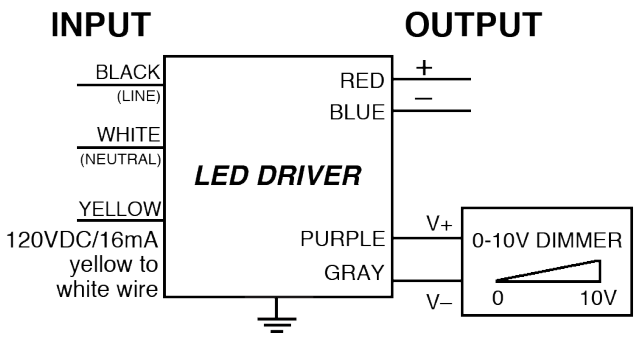
Model Number
AC-46CD1.7BDTEF
AC46CD1.7BDBTEF

Input Voltage: 347V
Input Frequency: 60Hz
Side and Bottom Mount/Leads Options

ELECTRICAL SPECIFICATIONS:

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range
46W	54W @ 347V	0.16A @ 347V	>0.9	<20%	22-27V	1700mA±5%	90° C	-40° C	85%	0 to 10V	10 to 100%
36W	43W @ 347V	0.13A @ 347V	>0.9	<20%	22-27V	1350mA±5%	90° C	-40° C	84%	0 to 10V	10 to 100%

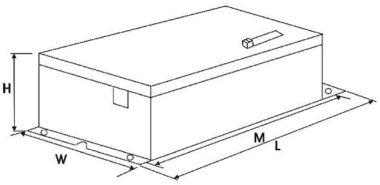
WIRING:

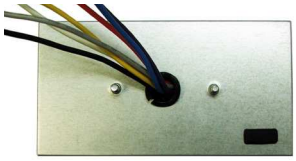


Lead Lengths					
Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

PHYSICAL:

Side Mount Option
Model Number:
AC-46CD1.7BDTEF





Bottom Mount Option
Model Number:
AC46CD1.7BDBTEF

Dimensions			
Length	5.43"	Mounting Length	5.04"
Width	3.58"	Weight	xx lbs.
Height	1.26"	Case Qty.	xx pcs.

SAFETY & PERFORMANCE:

- Class A sound rating
- No PCBs
- IP66
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

RoHS COMPLIANT LEAD-FREE

*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.

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Revised 08/23/13