

■ AC to DC LED Power Supply 16.8 Watts



Applications

LED Light Fixture
LED Signage
LED Architectural Lighting
LED Industrial Lighting
LED String Lighting

cUL[®]us FC PSE IP66

Features

Constant Current output suitable for HB-LED applications
Compatible with Triac(LE) and ELV(TE) dimmer Control
Suitable for Dry, Damp locations, meet IP66
Convection Cooled in plastic housing
meet UL8750 Class 2, FCC B
RoHS Compliant
Five Years Warranty (Life @ Tc : 80°C 40,000 Hours)

Specifications

AC Input :100~120Vac 0.25A, 47~63Hz	Load Regulation : +/-5%, Turn on time: <1.5 Sec.
Input Inrush Current :<10A/115Vac	DC Output Ripple / Noise p-p : 10%
PFC > 0.92 : Input: 110~120Vac at full load, w/o dimming	Protection : OCP, SCP, OVP, OTP (CC limit)-Auto Recovery
Surge Immunity(IEC61000-4-5) : 2.5KV	Operation Temp. : -40°C ~ +50°C, Tc : 80°C
THD < 20% : Input: 110~120Vac at full load, w/o dimming	Storage Temp. : -40°C ~ +85°C
Efficiency : 83% at full load	MTBF(@50°C) : >50,000 Hours, MIL-217F
Min.Output loading : 1B watts (When AC dimming)	meet UL8750 Class 2, FCC B
Dimming range : 10 ~100% at full load	Dimension : 63(R), 30(H)mm, Weight : 120gtypical

Model Listing :

Model	Constant Current Model		Watts Max.
	Forward Volts(Vf)	Constant Current(±5%)	
LT1016-128-Cnnnn	14 ~ 28V	500 ~ 1000mA	16.8W
LT1016-142-Cnnnn	18 ~ 42V	350 ~ 700mA	16.8W

Compatible Dimmer Listing :

LUTRON-DVF103P(90%), IPI106(98%), IPI10(94%) 6633P(100%), 6311(93%).
LUTRON-DV-600PR-WH(90%)
LUTRON-SEVL-300P(100%),S600PRWH(90%),TT-150NLH-JA(100%)
Panasonic-WT57615WK(95%),WN57259(91%)

Noten 1:The output current will be reduced from 5% to 20% while connecting to dimmer,Please refer to compatible dimmer listing.
Noten 2:The 5% to 20% current remedy : we can adjust it during the production based on customer providing data .

Model Information

LT1016- YXX- Cnnnn
LT1016 = LT1016 series for Triac AC Dimming.
Y = 1-115Vac, AC Input, XX = 28, 42, (Max.forward voltage[Vdc])
Cnnnn = Constant Current Limit.

Mechanical Drawing

