



POWER SUPPLIES ADUL SERIES

FEATURES

- Switching electronic power supply
- Universal input voltage: 85-264V AC
- Single and multiple 12V or 24V DC outputs
- Constant current limiting circuit
- UL listed dry/damp location box

ENVIRONMENTAL

- MTBF: 100,000 hrs at full load and 25°C
- Heat dissipation: Built in fan
- Operating temperature: -30°C - +60°C (Full load)
- Storage temperature: -65°C - +90°C

ELECTRICAL DATA

- Secondary circuit maximum load: 5A (12V Class II) or 15A (12V Class I) or 4A (24V Class II)
- Voltage regulated
- Auto overload/short circuit/over voltage protection

SAFETY AND COMPLIANCE

- Tested and compliant to UL 1310 standards
- UL listed under UL 2108 standards
- ETL Listed in compliance with UL standards 2108 and 8750 and CSA standard C22.2



MECHANICAL SPECIFICATION

- Steel enclosure
- Internal holes for wall mount and 1/2" knockouts for conduit and fittings



ORDERING INFORMATION

DESCRIPTION	CAT. NO.	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX. LOAD	CIRCUIT CAPACITY	DIMENSION
ADUL Series Class I Transformer	ADUL-200-1-15-12-D	INDOOR OR DAMP PROTECTED	85-264V AC	12V DC	1	180W	15A	10.00" W X 10.00" L X 4.00" D
	ADUL-300-1-12-24-D			24V DC	1	288W	12A	

ORDERING INFORMATION

DESCRIPTION	CAT. NO.	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX. LOAD	CIRCUIT CAPACITY	DIMENSION
ADUL Series Class II Transformer	ADUL-300-5-5-12-D	INDOOR OR DAMP PROTECTED	85-264V AC	12V DC	5	288W	5A	10.00" W X 10.00" L X 4.00" D
	ADUL-200-3-5-12-D				3	180W	5A	
	ADUL-75-1-5-12-D				1	60W	5A	
	ADUL-300-3-4-24-D			24V DC	3	288W	4A	
	ADUL-100-1-4-24-D				1	96W	4A	

PRODUCT POWER SUPPLY PART # TOTAL WATTAGE LOAD

COVE LIGHTING

COVELUM LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W

COVELUM DESIGNER SERIES WHITES	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W

COVELUM LED COLORS	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W

COVELUM LED OUTDOOR	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W

PLATINUM COVE LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

PRODUCT POWER SUPPLY PART # TOTAL WATTAGE LOAD

TUBE LIGHTING

TIVALUME	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

ILLUMILINE LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

ILLUMILINE 2020	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

360° LED FASTUBE	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

TIVOFLEX	ADUL-100-1-4-24-D	96W
Requires 24VDC Power Supply	ADUL-300-3-4-24-D	288W

TIVOFLUTE	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

PRODUCT POWER SUPPLY PART # TOTAL WATTAGE LOAD

SPECIALTY LIGHTING

STARLIGHT LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W

TIVOLED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W

POWER SUPPLIES ADUL SERIES



PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
STRAND LIGHTING		
TWILIGHTS LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W
TIVOTAPE STATIC INDOOR	ADUL-75-1-5-12-D	60W
TIVOTAPE RGB INDOOR	ADUL-200-3-5-12-D	180W
TIVOTAPE STATIC OUTDOOR		
TIVOTAPE RGB OUTDOOR		
Requires 12VDC Power Supply		
TIVOTAPE STATIC HP INDOOR	ADUL-100-1-4-24-D	96W
Requires 24VDC Power Supply	ADUL-300-3-4-24-D	288W
LIGHTSPHERE LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W
ARCHITECTURAL CHANNEL LS SERIES LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-3-5-12-D	180W
ARCHITECTURAL CHANNEL MR SERIES LED	ADUL-75-1-5-12-D	60W
Requires 12VDC Power Supply	ADUL-200-1-15-12-D	180W
CONTINULUM INDOOR	ADUL-100-1-4-24-D	96W
Requires 24VDC Power Supply	ADUL-300-3-4-24-D	288W
CONTINULUM OUTDOOR	ADUL-75-1-5-12-D	60W
Requires 24VDC Power Supply	ADUL-200-3-5-12-D	180W
ILLUMIWALL	ADUL-100-1-4-24-D	96W
Requires 24VDC Power Supply	ADUL-300-3-4-24-D	288W

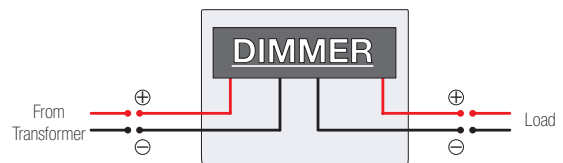
DIMMERS

DC DIGITAL DIMMER (FULL RANGE CONTROL)

DESCRIPTION	CAT. NO.	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX. LOAD	BREAKER RATING	DIMENSIONS
DC Digital Dimmer	DIM-12V-8A	12V DC	12V DC	96W	8A	Single gang box
	DIM-24V-8A	24V DC	24V DC			

TYPICAL CONFIGURATION

Dimmer on Transformer secondary



OT DIM CONTROL INTERFACE (FULL RANGE CONTROL)

DESCRIPTION	CAT. NO.	CONTROL SIGNAL	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX. LOAD	BREAKER RATING	DIMENSIONS
OTDIM*	DIM-OT-1-5-D	1-10VDC	12/24VDC	12/24VDC	60W	5A**	7"L x 1½"W x ¾"H

* OTDIM is a full range control interface that receives dimming signal from various controllers (1-10VDC). Consult factory for more information.

** OTDIM applications require 1 each OTDIM per 5 amp circuit

TYPICAL OT DIM CONFIGURATION

Dimmer (1-10VDC signal) and transformer to OT DIM interface.

OT DIM interface output to LED modules (5A Max).

