

EUG Series

The EUG family of programmable, IP67 LED drivers is designed to be a flexible alternative to our Controls-Ready EUD family. The EUG family provides programmability and multiple dimming options, as well as reduces the number of driver SKUs needed to power an array of luminaire designs.



Inventronics Advantages

FLEXIBLE:

- Simple Output Current Adjustment
- Dimming Functionalities:
 - 0-10V
 - PWM
 - Traditional Timer

RUGGED:

- Extruded Metal Housing is IP67 Rated
- High Surge Protection

ROBUST THERMAL DESIGN:

- Extended Life at a Higher Case Temperature
- Improved Reliability
- Lower Case Temperature

Power Levels

75W
96W
150W
200W
240W

Common Features

- Input Voltage Range: 90-305 Vac
- 12V Auxiliary power output
- Input Surge Protection: 6kV DM, 10kV CM
- UL-TL Rating

Certifications



Technical Specifications

POWER LEVEL:	MODEL:	FULL-POWER CURRENT RANGE	OUTPUT VOLTAGE RANGE	EFFICIENCY (UP TO)	DIMENSIONS (INCHES)	CALCULATED LIFETIME @ TC 70°C
75W	EUG-075S105DT	700-1050mA	36~107 Vdc	90.5%	5.91 x 2.66 x 1.44	99,000 Hrs.
	EUG-075S175DT	1190-1750mA	22~63 Vdc	90.0%		
	EUG-075S250DT	1920-2800mA	14~39 Vdc	89.0%		
96W	EUG-096S105DT	700-1050mA	48~137 Vdc	93.0%	6.85 x 2.66 x 1.44	80,000 Hrs.
	EUG-096S210DT	1400-2100mA	24~69 Vdc	92.0%		
	EUG-096S350DT	2450-3500mA	14~39 Vdc	91.0%		
150W	EUG-150S070DT	450-700mA	117~333 Vdc	93.5%	7.40 x 2.66 x 1.56	78,000 Hrs.
	EUG-150S105DT	700-1050mA	75~214 Vdc	93.5%		
	EUG-150S210DT	1400-2100mA	38~107 Vdc	92.5%		
	EUG-150S350DT	2450-3500mA	22~61 Vdc	92.0%		
	EUG-150S560DT	3850-5600mA	14~39 Vdc	92.0%		
200W	EUG-200S105DT	700-1050mA	95~286 Vdc	94.0%	7.87 x 2.66 x 1.56	95,000 Hrs.
	EUG-200S210DT	1400-2100mA	48~143 Vdc	94.0%		
	EUG-200S350DT	2450-3500mA	29~82 Vdc	93.5%		
	EUG-200S560DT	3850-5600mA	18~52 Vdc	92.5%		
240W	EUG-240S105DT	700-1050mA	114~343 Vdc	94.0%	8.35 x 2.66 x 1.56	86,000 Hrs.
	EUG-240S210DT	1400-2100mA	57~171 Vdc	93.0%		
	EUG-240S420DT	2800-4200mA	29~86 Vdc	93.0%		
	EUG-240S670DT	4450-6700mA	18~54 Vdc	93.0%		

Lighting Applications

