

EUC Series

Inventronics low power IP66/67 rated LED drivers are ideal for projects that need luminaires at lower levels of brightness without the need for programmability or controls. The EUC family is designed to help improve costs without sacrificing performance and their compact shape offers more flexibility to fit inside a multitude of luminaires. They also provide exceptional thermal performance, low THD and higher surge protection.



Inventronics Advantages

RELIABILITY:

- Built in protection for unstable input lines:
 - Input Over Voltage Protection (IOVP)
 - Input Under Voltage Protection (IUVP)

FLEXIBLE:

- Dimming and Non-Dimming models
- Compact size allows them to fit inside a multitude of luminaires

RUGGED:

- Low Total Harmonic Distortion (THD)
- High surge protection makes them optimal for outdoor use

Power Levels

26W
35W
40W
60W

Common Features:

- High Efficiency
- Long Lifetimes
- Operate from 90~305Vac
- Isolated 0-10V Dimming Controls (DTM models)

Certifications



Dimming Functionality

MODEL:	ISOLATED 0-10V
EUC-026SXXXSTM	
EUC-35SXXXSTM	
EUC-040SXXXDTM	●
EUC-060SXXXDTM	●
EUC-060SXXXSTM	

Technical Specifications

POWER LEVEL	MODEL	OUTPUT CURRENT	OUTPUT VOLTAGE RANGE	EFFICIENCY (UP TO)	DIMENSIONS (MM)	CALCULATED LIFETIME
26W	EUC-026S050STM0003	350mA	37~74 Vdc	88.5%	80 x 64 x 32	84,000 hours @ Tc=70°C
	EUC-026S070STM0000	700mA	20~37 Vdc	87.0%		
	EUC-026S070STM0002	600mA	22~43 Vdc	88.0%		
	EUC-026S070STM0004	500mA	26~52 Vdc	88.0%		
35W	EUC-035S070STM0004	500mA	32~64 Vdc	87.0%	80 x 64 x 32	80,000 hours @ Tc=70°C
	EUC-035S105STM0007*	700mA	25~47 Vdc	86.0%		
	EUC-035S105STM0004*	860mA	20~41 Vdc	86.0%		
	EUC-035S105STM*	1050mA	18~33 Vdc	86.0%		
40W	EUC-040S070DTM0004	500mA	40~80 Vdc	87.0%	88 x 64 x 32	93,000 hours @ Tc=75°C
	EUC-040S070DTM	700mA	32~57 Vdc	86.0%		
	EUC-040S105DTM0004	860mA	23~47 Vdc	86.0%		
	EUC-040S105DTM	1050mA	21~38 Vdc	85.0%		
	EUC-040S110DTM0005*	860mA	23~45Vdc	86.0%		
	EUC-040S110DTM0001*	1050mA	21~38Vdc	85.0%		
60W	EUC-060S070DTM0004	500mA	60~120 Vdc	90.0%	95 x 64 x 32	95,900 hours @ Tc=70°C
	EUC-060S070DTM	700mA	48~86 Vdc	89.0%		
	EUC-060S105DTM0004	880mA	35~70 Vdc	89.0%		
	EUC-060S105DTM	1050mA	34~57 Vdc	89.0%		
	EUC-060S180DTM0006*	1200mA	25~50 Vdc	89.0%		
	EUC-060S180DTM0004*	1400mA	21~43 Vdc	88.0%		
	EUC-060S180DTM*	1800mA	20~33 Vdc	87.0%		
	EUC-060S070STM0004	500mA	60~120 Vdc	90.0%	95 x 64 x 32	85,800 hours @ Tc= 70°C
	EUC-060S070STM	700mA	48~86 Vdc	89.0%		
	EUC-060S105STM0004	860mA	35~70 Vdc	89.0%		
	EUC-060S105STM	1050mA	34~57 Vdc	89.0%		
	EUC-060S180STM0006	1200mA	25~50 Vdc	89.0%		
	EUC-060S180STM0004	1400mA	21~43 Vdc	88.0%		
	EUC-060S180STM	1800mA	20~33 Vdc	87.0%		

* These models are Class 2