

## Driver Dimmable Programmable MOSO X6-075M for LED up to 75W - 5 Years Warranty



### Product code:

Reference: MOSO-75W-PR

### Technical specifications:

REFERENCE: MOSO-75W-PR  
Rated Power : 65W  
Nominal Voltage: 220-240V  
Construction Material: Aluminium  
Certifications: CE - ENEC 05 - CCC - RoHS  
IP : IP67-Outdoor  
Dimensions (mm): 15\*4.5\*7cm  
Power Factor (PF): 0.95  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -40°C +55°C  
Other Information: Inside: AC220-240V - Outside: DC31-93V --- 0.3A-1.05Adc  
Warranty Years: 5

### Product short description:

The MOSO LED Driver - Dimmable and Programmable - X6-075M - for LED luminaires up to 75W, is rated for operation over 50,000 hours (13 years life at 10 hours/365 days). Universal input voltage / high range: 90 to 305 V AC. Surge protection: 5KV line-to-line, 10KV line-to-ground. Adjustable and programmable output current (AOC). 3-in-1 dimmable: 0 ~ 10Vdc, PWM, Dimming timer. Dimmable to off. Compact aluminium housing with perfect thermal insulation. IP67. With "BLACK BOX" register function. 7 programming steps.

### Product description:

Driver Dimmable Programmable MOSO X6-075M for LED up to 75W - 5 Years Warranty

MOSO PROGRAMMABLE Drivers are specifically designed for maximum reliability and flexibility in outdoor LED street lighting applications.

Featuring a surge protector, these Drivers are very durable with a lifetime in excess of 50,000 hours (13 years at 10 hours/day use) providing consistently high luminaire performance, even after multiple indirect lightning strikes (special protection for outdoor use).

The programmable Driver allows the brightness to be changed automatically to intelligently adapt to the different night-time scenarios required in the luminaire. Up to 7 different programming steps are possible.

It also allows the duration of transition changes to be programmed, so that the power lines and electrical connectors do not suffer during power changes; for example you can program the start-up of the lines to be done progressively for 60 seconds, thus avoiding overloads on the connectors and power lines.

Benefits:

- Universal input voltage / high range: 90 to 305 V AC.
- Surge protection: 5KV line-to-line, 10KV line-to-ground.
- AOC (Adjustable Output Current) gives full flexibility to output different currents to specification on different projects: Dimmable 3 in 1: 0 ~ 10Vdc, PWM, Dimming timer. Dimmable up to off.
- Compact aluminium housing with perfect thermal insulation.
- Excellent protection against water and dust IP67.
- Built-in "BLACK BOX" logging function for easy fault diagnosis.
- High quality of light during the life cycle of the driver, as it allows the driver's milliamps to be increased and the luminaire's lumens to be increased to adapt the loss of diode luminosity to the real luminosity that the luminaire has to deliver throughout its useful life.
- Robust specifications for humidity, vibration and extreme temperature protection.
- 5 years warranty.

Applications of Driver Dimmable Programmable MOSO X6-075M for LED up to 75W - 5 Years Warranty

- Street and public lighting.
- Wide area lighting.
- Tunnel lighting.
- High-rise lighting.

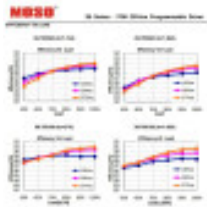
Additional images:



**MOSO** 40 Series - 100 Series Temperature Data

40 Series

Parameter	40	50	60	70
Operating Temperature	-40 to 125	-40 to 125	-40 to 125	-40 to 125
Storage Temperature	-55 to 150	-55 to 150	-55 to 150	-55 to 150
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%
Shock	1000g	1000g	1000g	1000g
Vibration	10g	10g	10g	10g
Power Supply	5V	5V	5V	5V
Current	10mA	10mA	10mA	10mA
Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Output	I2C	I2C	I2C	I2C



**MOSO** 40 Series - 100 Series Temperature Data

100 Series

Parameter	100	110	120	130
Operating Temperature	-40 to 125	-40 to 125	-40 to 125	-40 to 125
Storage Temperature	-55 to 150	-55 to 150	-55 to 150	-55 to 150
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%
Shock	1000g	1000g	1000g	1000g
Vibration	10g	10g	10g	10g
Power Supply	5V	5V	5V	5V
Current	10mA	10mA	10mA	10mA
Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Output	I2C	I2C	I2C	I2C

**MOSO** 40 Series - 100 Series Temperature Data

100 Series

Parameter	100	110	120	130
Operating Temperature	-40 to 125	-40 to 125	-40 to 125	-40 to 125
Storage Temperature	-55 to 150	-55 to 150	-55 to 150	-55 to 150
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%
Shock	1000g	1000g	1000g	1000g
Vibration	10g	10g	10g	10g
Power Supply	5V	5V	5V	5V
Current	10mA	10mA	10mA	10mA
Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Output	I2C	I2C	I2C	I2C

**MOSO** 40 Series - 100 Series Temperature Data

SAFETY STANDARDS

Standard	Compliance	Tested	Passed
UL 94V-0	Yes	Yes	Yes
RoHS	Yes	Yes	Yes
REACH	Yes	Yes	Yes
ISO 9001	Yes	Yes	Yes
ISO 14001	Yes	Yes	Yes

