

MDS Multi-characteristics LED Stripe

Patent
New Type
M 413077
M 439150



MDS-163

MDS-152



Clamps offer 180° rotating angle for adjusting to the best illumination direction.



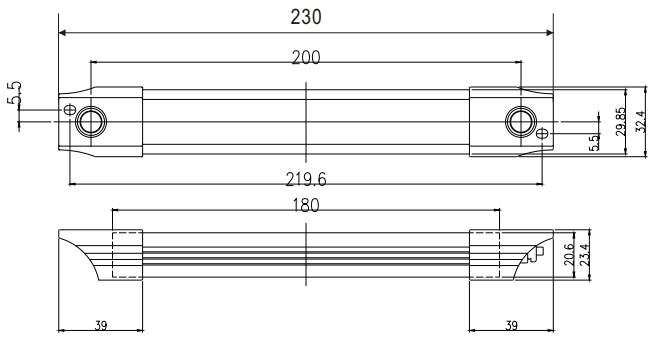
Powerful magnets provide for easy installation, and offers a flexible adjustment of suitable position.

- Water, oil and dust-tight according to IP67.
- Prime heat dissipation design prevents the light from fade.
- Compare with conventional lighting, MDS is approx. 5 times more lifespan, low energy consumption and electricity costs saving.
- According to the LED technology, the light provides more steady brightness, and no flickering while machine is working or vibrating.
- Aluminum anodized housing and tempered safety glass promote excellent protection, MDS is uninfluenced by vibration and impact.
- The LEDs can be built in a minimal housing. MDS creates an optimum installation for extreme confined space.

Specification

Model	MDS152-24
Patent	Patent M413077 Patent M439150
Connected Load	24V (AC/DC)
Fastening	① screws / magnets (standard) ② clamps (option)
Luminant body	Aluminium anodized
Cover	Tempered safety glass
Cord Length	1.5M (Standard)

Dimensions



Model

Voltage 12V AC/DC	Voltage 24V AC/DC	Voltage AC100V~240V	Power	Color	Lumen (30cm)	Lumen (60cm)	CCT (K)	IP	Dia. L*W*H(mm)	Weight (g)
Model			Specification							
—	MDS152-24	MDS152-X	3W	white	2100 Lx (45°) 1100 Lx (60°)	900 Lx (45°) 500 Lx (60°)	5000	IP673	230*32*23	160
MDS163-12	MDS163-24	MDS163-X	5W	white	1800 Lx (120°)	500 Lx (120°)	5000	IP673	230*32*23	160
MDS323-12	MDS323-24	MDS323-X	10W	white	2500 Lx (120°)	700 Lx (120°)	5000	IP673	320*32*23	225



Feature

Model	MDS-152	MDS-163
Type	Stripe	-ditto-
Rated Voltage	24 VDC	-ditto-
Voltage Range	24V AC/DC \pm 10%	-ditto-
Power Consumption	3 Watt (with rated voltage)	5 Watt
Insulation resistance	1 M Ohm up	-ditto-
Voltage-resistant	1,000V AC 50/60 Hz 1/min.	-ditto-
Vibration Resistant	Frequency 5 ~ 55 Hz Single Amplitude 0.5 mm	-ditto-
Impact Resistance	1,000 m/s ²	-ditto-
Ambient Temperature	-30 ~ +40 °C (Not iced)	-ditto-
Relative Humidity	45 ~ 85% RH (No dew)	-ditto-
Storage Temperature	-35 ~ +70 °C (Not iced)	-ditto-
Operating Environment	Non-corrosive gases	-ditto-
Service Life	20,000 hours (by 25 °C operating temperature, last around 70% of the initial value.)	-ditto-
Protection	Cover with Tempered Safety Glass	-ditto-
Material	Body: Aluminum Anodized Lampshade: Tempered Safety Glass	-ditto-
Weight (Approx.)	160g	-ditto-

Luminant Specification

Model	MDS152 /MDS163
Type	Stripe
Color	White
CCT	5000K

