STELLAR Luminaire with Mounting Bracket



Mounting Bracket





STELLAR Luminaire with Dragline Mounting Bracket



Technical Specification				
	POWER	VOLTAGE IN	IP/IK RATING	OPERATING TEMP.
STELLAR-500-MP230	520W Max	100 – 240VAC 50/60Hz 127 – 250VDC	IP66 / IK09	-20 to +60°C
STELLAR-500-MP415	520W Max	277 – 440VAC 50/60Hz 352 – 500VDC	IP66 / IK09	-20 to +50°C



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COOLON STELLAR INDUSTRIAL LED MANUAL EDITION 1.6

MOUNTING BRACKET INSTALLATION

Note

The mounting bracket allows the STELLAR high bay luminaire to be installed on angled surfaces between 0° and $45^\circ\!.$

Luminaire should remain perpendicular to the ground.

It is also recommended to use a safety lanyard installed in 1 of 4 suspension points.

Step 1

Mount the luminaire with mounting bracket to appropriate location using 2x M12 bolts or 2x 1/2" (12.7mm) bolts. Bolts not supplied by Coolon.



ATTENTION

- Length and structural grade of fasteners to be determined by installer.
- Corrosion resistant fasteners recommended.

Customers must select an appropriate method and material for the mounting of luminaires/equipment.

Avoid mixing materials which may lead to premature equipment failure or insecure mounting due to corrosion or accelerated wear and tear.



Step 1

To prepare the STELLAR high bay for suspension mounting, remove the bolts on both sides of the luminaire and remove the mounting bracket.

Step 2

Suspend the luminaire at the 4x suspension points as marked on the lifting bracket. It is recommended to use a safety lanyard.

A ATTENTION

- Suspension hardware (chains, shackles, carabiners and safety lanyard) not supplied by Coolon.
- Suspension hardware grade (structural grade certified) to be determined by installer.
- MUST be suitable for contact with SS316.
- Minimum load recommended per chain: 100kg (certified).







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Step 2

appropriate mounting.

luminaires/equipment.

45°

Adjust the angle of the luminaire and once done, tighten the bolts on both sides until the luminaire is fully locked in the desired position.



Customers should account for environmental factors such as

long term luminaire/equipment operation and secure mounting.

temperature, wind, vibration, shock, impact, etc. when identifying

A periodic inspection and maintenance plan should be established in

A secondary fall arrest kit is recommended for all suspended

accordance with environmental and other relevant factors affecting the

DRAGLINE MOUNTING BRACKET INSTALLATION

Step 1

Align the STELLAR with the existing angle bracket from the dragline. Attach the locking plate, washer, spring lock washer and 1x M16x70mm bolt on each side. Tighten the M16 bolt until it makes contact with the spring washer.



Step 3

Fix the STELLAR angle position with 2x M8x25mm bolts. Tighten the M16 bolts until fully seated and secure.



STELLAR-500-MP230 WIRING

▲ 47k Resistor is connected between NTC terminals for full brightness

Cable glands not included. Size: M25 x 1.5. 230VAC nominal

input voltage.

0 00 n/c +FACTORY CONNECTIONS NOT TO BE AI TERED 00000 С

Step 2

Adjust the angle of the STELLAR as required.



Step 4

Revisit all screws, and ensure luminaire does not rotate.

Retention points are provided for the attachment of an external lanyard or chain if required. Lanyard / chain not provided with luminaire.



STELLAR-500-MP415 WIRING

Cable glands not included.

Size: M25 x 1.5.

415VAC nominal input voltage. Use any 2 phases and connect to A and N.

▲ 47k Resistor is connected between NTC terminals for full brightness



IMPORTANT

Primary use: commercial and industrial applications.

- Read through this manual before installation

- Handle the product with care
 Class I products must be grounded
 The product must be installed by a suitably qualified person Do not stare at operating lamp, may be harmful to the eyes
- Make sure the product is securely installed
 The housing might become hot after operation

Turn OFF the power before installation and maintenance

· Keep optical face clean





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