

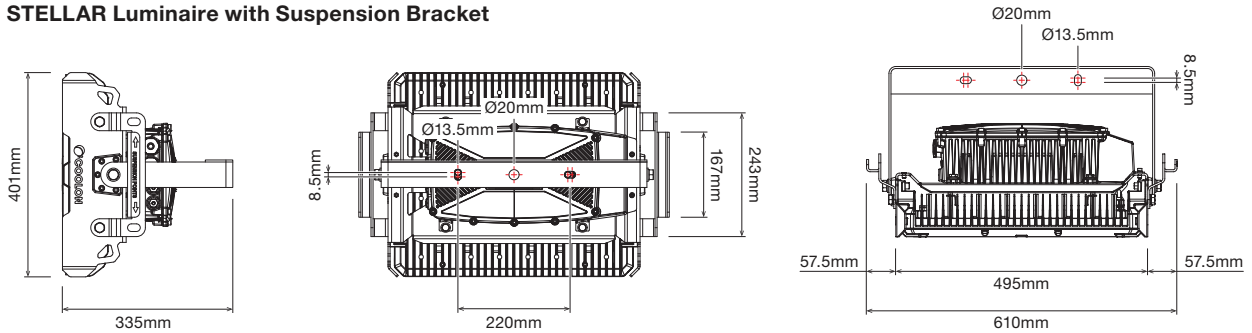
## IMPORTANT

**Primary use:** commercial and industrial applications.

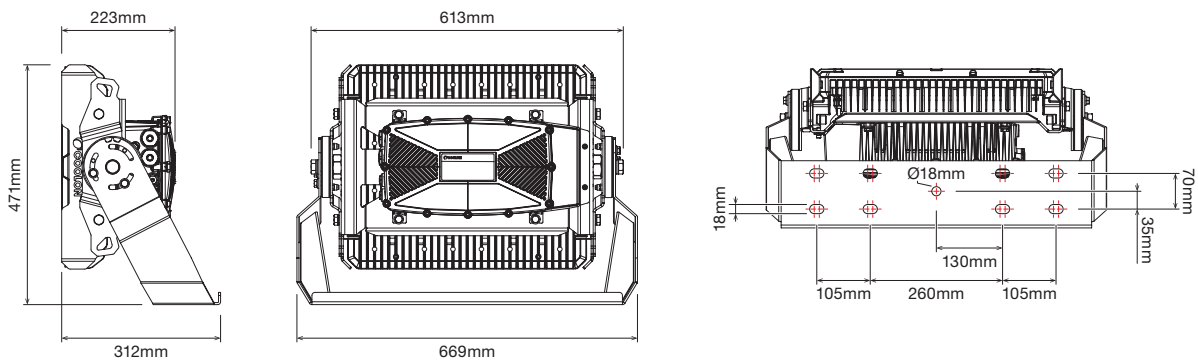
- Read through this manual before installation
- Handle the product with care
- Class I products must be grounded
- The product must be installed by a suitably qualified person
- Do not stare at operating lamp, may be harmful to the eyes
- Turn OFF the power before installation and maintenance
- Make sure the product is securely installed
- The housing might become hot after operation
- Keep optical face clean



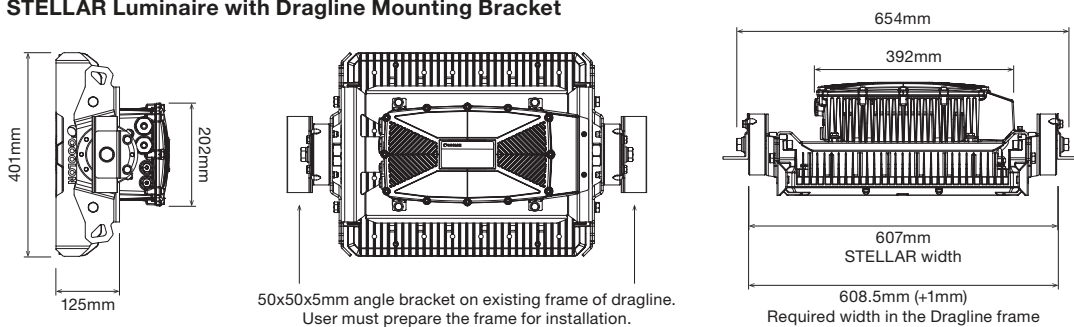
### STELLAR Luminaire with Suspension Bracket



### STELLAR Luminaire with Mobile Plant 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

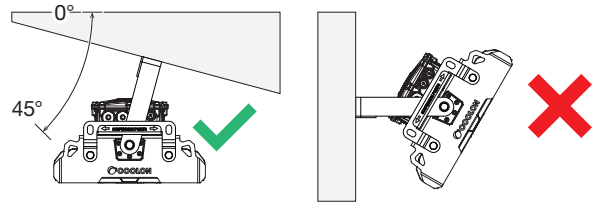
## MOUNTING BRACKET INSTALLATION

### Note

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

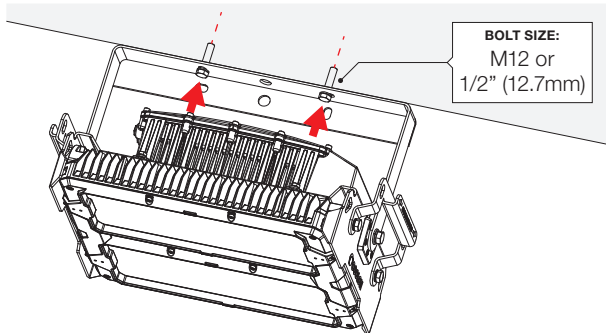
Luminaire should remain perpendicular to the ground.

It is also recommended to use a safety lanyard installed in 2 of 4 suspension points.



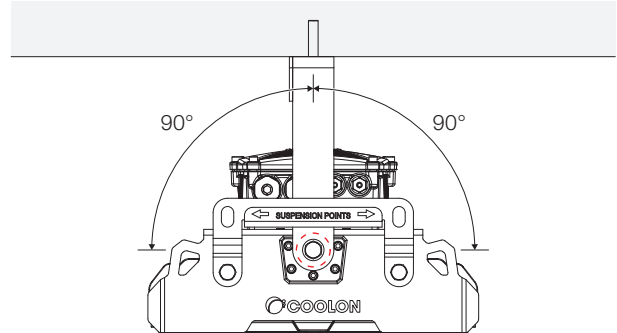
### Step 1

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.



### Step 2

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.



### ATTENTION

Length and structural grade of fasteners to be determined by installer.

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

An inspection and maintenance plan should be established in accordance with environmental and other relevant factors affecting the long term luminaire/equipment operation and secure mounting.

**A secondary fall arrest kit is recommended for all suspended luminaires/equipment.**

## SUSPENSION MOUNTING INSTALLATION

### Step 1

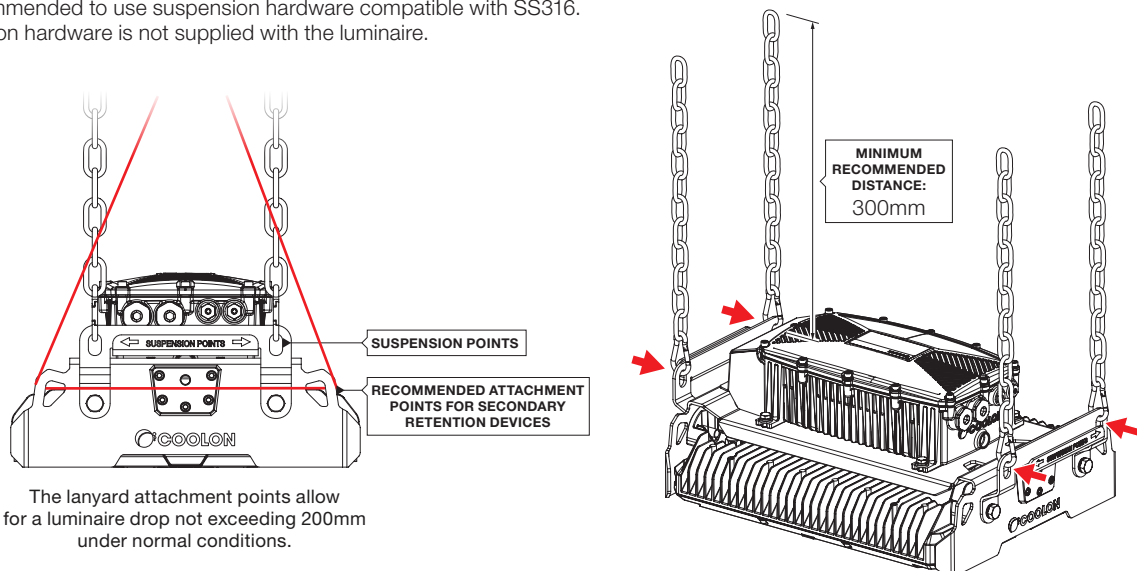
To prepare the STELLAR high bay for suspension mounting, remove the bolts on both sides of the luminaire and remove the mounting bracket.

### Step 2

Suspend the luminaire at the 4x suspension point as marked on the lifting bracket.

It is recommended to use suspension hardware compatible with SS316.

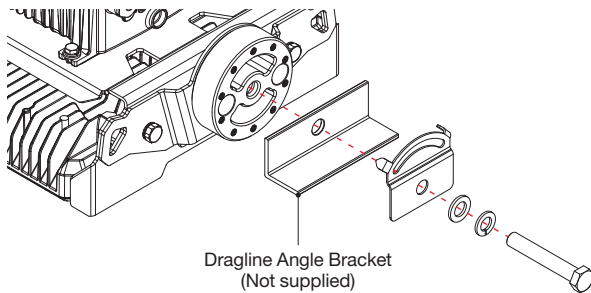
Suspension hardware is not supplied with the luminaire.



**DRAGLINE MOUNTING BRACKET INSTALLATION**

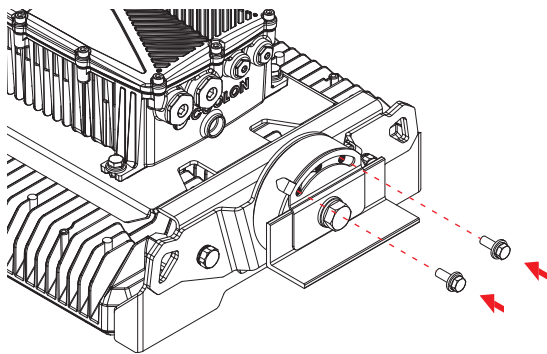
**Step 1**

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.



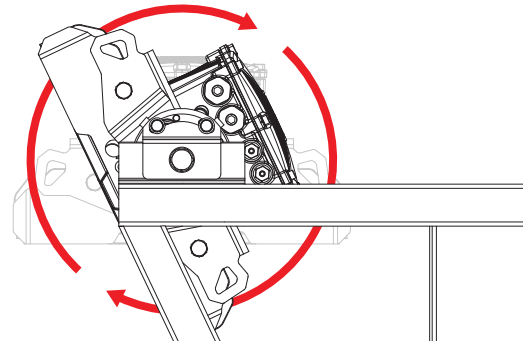
**Step 3**

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



**Step 2**

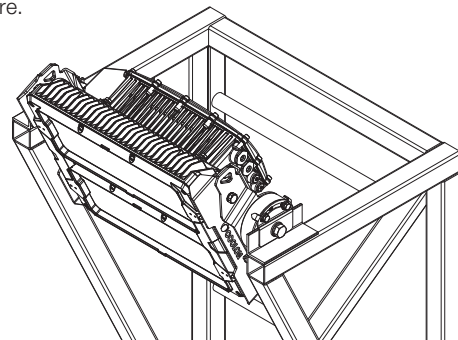
Adjust the angle of the STELLAR as required.



**Step 4**

Revisit all screws, and ensure luminaire does not rotate.

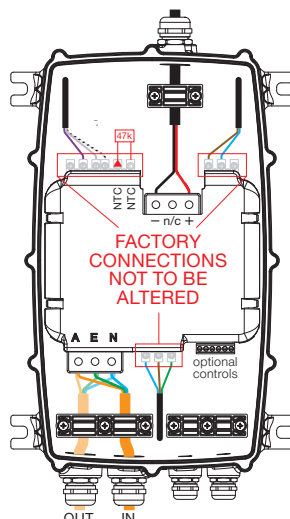
Retention points are provided for the attachment of an external lanyard or chain if required. Lanyard / chain not provided with luminaire.



**STELLAR-500-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.



**STELLAR-500-MP415 WIRING**

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

Cable glands not included.  
Size: M25 x 1.5.  
415VAC nominal input voltage. Use any 2 phases and connect to A and N.

