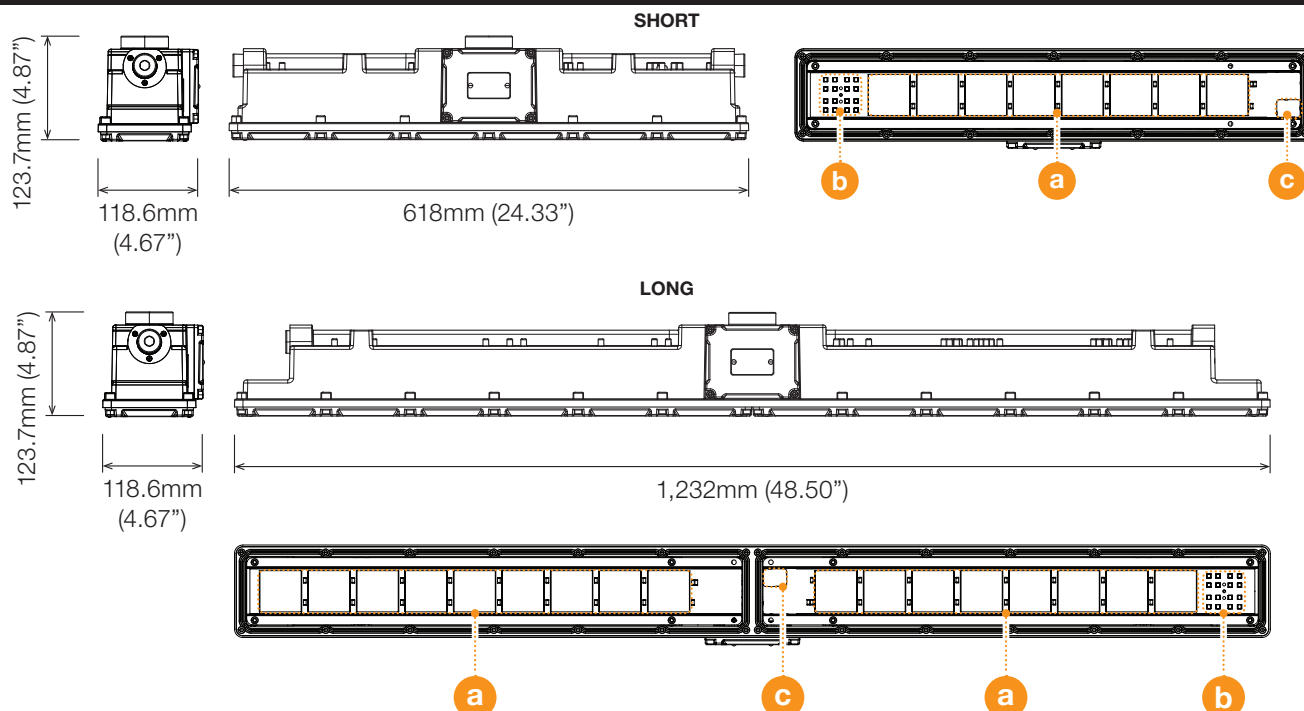


DIAGRAMS



- a Main LEDs and Optics
- b RGBW Indicators
- c Motion Sensor

NOTE - The weight of the Gecko fixture varies by model and mounting configuration. Gecko Short weighs between 3.4-3.6 kg (7.3-8.2 lbs), and Gecko Long weighs between 5.3-5.5 kg (11.5-12.2 lbs). Refer to the fixture nameplate for classification details, maximum ambient suitability, and operating temperature code (T-Code), depending on mounting arrangement.

ENGLISH - DANGER / WARNING / CAUTION / CONDITIONS

DANGER - Only trained and qualified personnel are authorized to install, operate, or maintain this equipment. Avoid potential ignition sources, such as sparks, open flames, and hot surfaces, near this equipment. Ensure all wiring is rated, insulated, and secured to prevent sparking or arcing in hazardous locations.

WARNING - Ensure compliance with local and international standards when installing and operating this equipment in hazardous locations. All equipment and enclosures must be properly sealed to prevent hazardous dust or gas ingress. DO NOT OPEN WHEN ENERGIZED OR AN EXPLOSIVE ATMOSPHERE IS PRESENT. Disconnect power before opening the enclosure and allow sufficient time for any stored energy to discharge. Use only Ex-certified cable glands, sealing methods, and components as per installation instructions. Confirm that supply voltage and current do not exceed specified limits. Periodically inspect gaskets, seals, and cable glands for wear or damage that could compromise safety. Ensure proper grounding and bonding in hazardous areas to prevent static buildup and ignition sources. No user-serviceable or field-replaceable parts are inside this equipment. ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY WITH A DAMP CLOTH.

CAUTION - This equipment is intended for hazardous locations; unauthorized alterations may void certification and increase explosion risk. Install equipment in the specified orientation and mounting method to maintain safety and Ex protection. Regular inspection and maintenance are essential to comply with Ex protection standards. Do not operate equipment outside the specified temperature range, as it may compromise Ex protection. Operators should be familiar with emergency shutdown procedures in case of an accident or unexpected issue.

SPECIFIC CONDITION OF USE / CONDITION OF ACCEPTABILITY - The Gecko LED luminaires shall be mounted only in accordance with the manufacturer's instructions. For Class II and III installation only, the Luminaire mounting range is limited to the lens down to horizontal. The non-metallic enclosures may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) that might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done with a damp cloth. Clean the luminaire regularly to prevent dust accumulation. All cable entry holes shall be fitted with either suitably approved cable glands or suitably approved stopping plugs that are suitable for the application. As part of the routine checking procedure, the gaskets are to be checked and replaced if found to be degraded. Contact the manufacturer for information on the gaskets. The luminaire shall only be used in locations where there is a low risk of mechanical impact. The final installation of the device shall meet the requirements of CEC (for Canada) and NEC (for USA) for wiring methods suitable for Class I and II, Division 2 and Class III hazardous locations, and is subject to acceptance of the local authority having jurisdiction. The pendant mount accessories supplied at the top of main shell of Pendant mounting luminaire as an integral part of the enclosure assembly only are passing the clamping tests with the values reduced to 25% of these required in Clause A.3.1.1 of IEC 60079-0:2017, the end user shall provide additional clamping of the cable to ensure that pulling is not transmitted to the terminations. The product without a flexible cord and cable gland, the cord type, strain relief, and waterproof structure at the inlet need to be considered in field wiring. Cord-connected luminaires shall have a flexible cord of at least the hard usage type.

FRENCH - DANGER / AVERTISSEMENT / ATTENTION / CONDITIONS

DANGER - Seul du personnel qualifié et autorisé est autorisé à installer, exploiter ou entretenir cet équipement. Évitez les sources d'inflammation potentielles, telles que les étincelles, les flammes nues et les surfaces chaudes, près de cet équipement. Assurez-vous que tout le câblage est classé, isolé et sécurisé pour éviter les étincelles ou les arcs dans les endroits dangereux.

AVERTISSEMENT - Assurez-vous de respecter les normes locales et internationales lors de l'installation et de l'utilisation de cet équipement dans des zones dangereuses. Tous les équipements et boîtiers doivent être correctement scellés afin d'empêcher la pénétration de poussières ou de gaz dangereux. NE PAS OUVRIR SOUS TENSION OU EN PRÉSENCE D'UNE ATMOSPHÈRE EXPLOSIVE. Débranchez l'alimentation avant d'ouvrir le boîtier et laissez l'énergie emmagasinée se décharger. Utilisez uniquement des presse-étoupes, des méthodes d'étanchéité et des composants certifiés Ex, conformément aux instructions d'installation. Vérifiez que la tension et le courant d'alimentation ne dépassent pas les limites spécifiées. Inspectez régulièrement les joints, les joints d'étanchéité et les presse-étoupes pour détecter toute usure ou tout dommage susceptible de compromettre la sécurité. Assurez une mise à la terre et une liaison adéquate dans les zones dangereuses afin d'éviter l'accumulation d'électricité statique et les sources d'inflammation. Cet équipement ne contient aucune pièce réparable par l'utilisateur ou remplaçable sur site. RISQUE DE CHARGE ÉLECTROSTATIQUE - NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE.

ATTENTION - Cet équipement est destiné aux endroits dangereux; les modifications non autorisées peuvent annuler la certification et augmenter le risque d'explosion. Installer l'équipement selon la méthode d'orientation et de montage spécifiée pour maintenir la sécurité et la protection Ex. L'inspection et l'entretien réguliers sont essentiels pour respecter les normes de protection Ex. Ne pas utiliser d'équipement en dehors de la plage de température spécifiée, car il peut compromettre la protection Ex. Les exploitants doivent connaître les procédures d'arrêt d'urgence en cas d'accident ou de problème imprévu.

CONDITIONS PARTICULIÈRES D'UTILISATION / CONDITIONS D'ACCEPTABILITÉ - Les luminaires LED Gecko doivent être montés conformément aux instructions du fabricant. Pour les installations de classe II et III uniquement, la plage de montage du luminaire est limitée à la lentille jusqu'à l'horizontale. Les boîtiers non métalliques peuvent générer des charges électrostatiques potentiellement inflammables dans certaines conditions extrêmes. L'utilisateur doit s'assurer que l'équipement n'est pas installé dans un endroit où il pourrait être exposé à des conditions externes (comme de la vapeur à haute pression) susceptibles de provoquer une accumulation de charges électrostatiques sur les surfaces non conductrices. De plus, le nettoyage de l'équipement doit être effectué avec un chiffon humide. Nettoyez régulièrement le luminaire pour éviter l'accumulation de poussière. Tous les orifices d'entrée de câbles doivent être équipés de presse-étoupes ou de bouchons d'obturation homologués et adaptés à l'application. Dans le cadre de la procédure de vérification de routine, les joints doivent être vérifiés et remplacés s'ils sont endommagés. Contactez le fabricant pour obtenir des informations sur les joints. Le luminaire ne doit être utilisé que dans des endroits présentant un faible risque de choc mécanique. L'installation finale du luminaire doit être conforme aux exigences du CEC (pour le Canada) et du NEC (pour les États-Unis) pour les méthodes de câblage adaptées aux zones dangereuses de classes I et II, division 2 et classe III, et est soumise à l'approbation des autorités locales compétentes. Les accessoires de montage suspendu, fournis en haut de la coque principale du luminaire suspendu et faisant partie intégrante du boîtier, ont réussi les essais de serrage avec des valeurs réduites à 25 % de celles requises par la clause A.3.1.1 de la norme CEI 60079-0:2017. L'utilisateur final doit prévoir un serrage supplémentaire du câble afin de garantir que la traction ne soit pas transmise aux terminaisons. Pour les produits sans cordon flexible ni presse-étoupe, le type de cordon, le serre-câble et la structure étanche à l'entrée doivent être pris en compte lors du câblage sur site. Les luminaires raccordés par cordon doivent être équipés d'un cordon flexible au moins pour usage intensif.

PRODUCT DESCRIPTION

GEK - Ex - B0 - S30 - NWT - T1 - RGBW - A - C - Y (example)

Cable Entry: W=3/4" NPT; X=1/2" NPT; Y=M20x1.5; Z=M25x1.5
Mount Option: C; T; PM; E; P25; P32; P1; P3/4; TP25; TP32; TP1; TP3/4 C=Ceiling; T=Trunnion; PM=Pipe Mount; E=Eyebolt; P25=Pendant M25; P32=Pendant M32; P1=Pendant 1"; P3/4=Pendant 3/4"; TP25=Trunnion & Pendant M25; TP32=Trunnion & Pendant M32; TP1=Trunnion & Pendant 1"; TP 3/4"=Trunnion & Pendant 3/4"
Operating voltage: A=100-277Vac, 50/60Hz
Indicator: RGBW
Optics Option: T1; T3; SY1; UW; F01; F03; F04; F05; F08; F10; F11; F13 T1=Type I; T3=Type III; SY1=Symmetrical Diffused; UW=Ultra Wide; F01=F01601; F03=F01603; F04=F01604; F05=F01605; F08=F01608; F10=F01610; F11=F01611; F13=F01613
Colour: NWT=Neutral White; CWT=Cool White; WWT=Warm White; AMB=Amber
Body Type & Power: S30=Short 30W; S40=Short 40W; S50=Short 50W; L60=Long 60W; L70=Long 70W; L80=Long 80W; L100=Long 100W
Battery: B0 = No Battery
Compliance: UL=NEC & CEC Standards; Ex=IECEx & ATEX Standards
Product Series: GEK=Gecko Linear LED Luminaire

AGENCY RATING & HAZARDOUS LOCATION

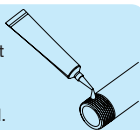
IECEx CSAE 25.0045X	Ex nR IIC T6 Gc Ex tb IIIC T80°C Db
ATEX (Gas) CSANe 25ATEX1124X (Dust) CSANe 25ATEX1125X	CE  II 3G Ex nR IIC T6 Gc CE  II 2D Ex tb IIIC T80°C Db
NEC & CEC	Class I Division 2 Groups A, B, C, D Class II Division 2, Groups F, G Class III
Suitable for Use Wet Locations	Marine Outside Type (Salt Water) IP66

TEMPERATURE RANGE & T-CODE

		IECEx & ATEX		NEC & CEC	
Rated Power	Ambient Temp	Temp Class Gas (nR)	Max. Surface Temp Dust (tb)	CI	CII & CIII
30W / 40W	-40°C to +55°C -40°F to +131°F	T6	+80°	T4A	T4A
50W	-40°C to +45°C -40°F to +113°F				
60W / 70W / 80W	-40°C to +55°C -40°F to +131°F				
100W	-40°C to +40°C -40°F to +104°F				

ADDITIONAL INSTALL NOTES

NOTE - PTFE tape may be used on threads to assist with assembly and prevent corrosion. It is not intended for sealing and does not provide Ex or IP protection. All required Ex-rated glands, seals, and IP-rated components must be installed as specified.

**NOTE** - Orientation for Asymmetric Optics

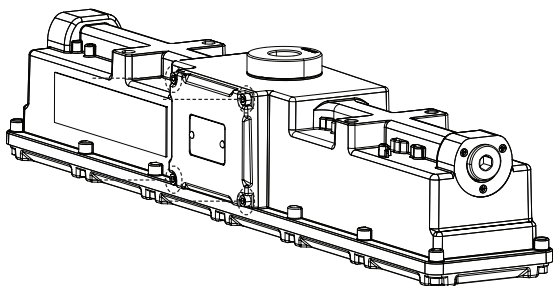
Install the optic with the arrow label pointing in the correct direction - typically toward the light path or system front. This ensures proper alignment and optimal performance, especially in applications involving beam shaping or directional coatings.



INSTALLATION INSTRUCTIONS

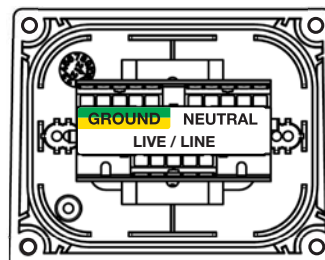
Step 1

To open the terminal block cover, unscrew the four screws holding it in place.



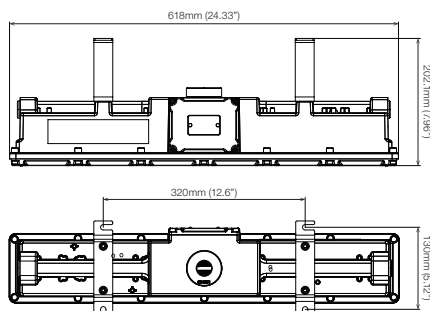
Step 2

Wire the unit according to the wiring label: Live/Line (black or brown), Neutral (white or blue), and Ground (green or green/yellow). Use 7–12 AWG (1–4 mm²) wire. Close the terminal block cover and tighten to 2 Nm (1.5 lb-ft). Proceed with mounting as required.

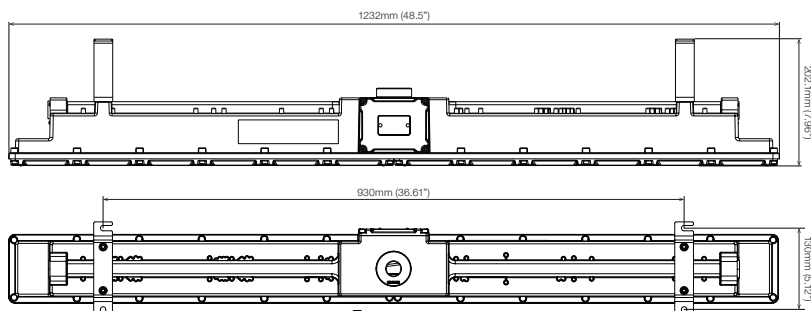


INSTALLATION INSTRUCTIONS (CEILING MOUNT)

Ceiling Mount Short



Ceiling Mount Long

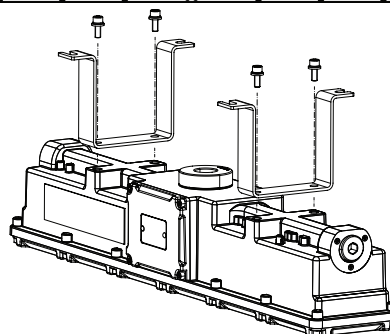


Mount installation

Align the mounting brackets with the designated holes. Secure using the supplied M6x16 bolts. Tighten to 4 Nm (3 lb-ft).

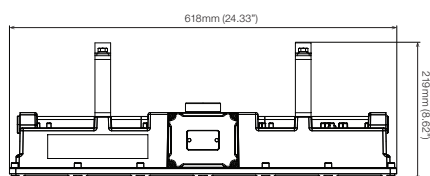
Attach the brackets to the ceiling using M6–M8 (1/4"–5/16") expansion screws (not supplied). Ensure fasteners are appropriate for the ceiling material and tightened to the proper torque for the selected screw type.

Verify all connections are secure to maintain the IP66 rating.

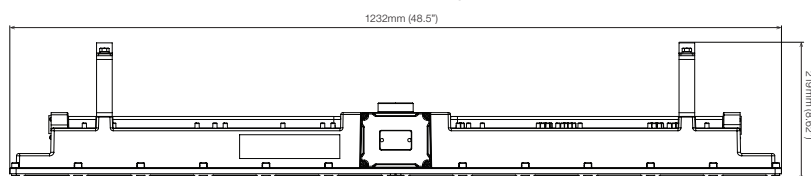


INSTALLATION INSTRUCTIONS (PIPE MOUNT)

Pipe Mount Short



Pipe Mount Long

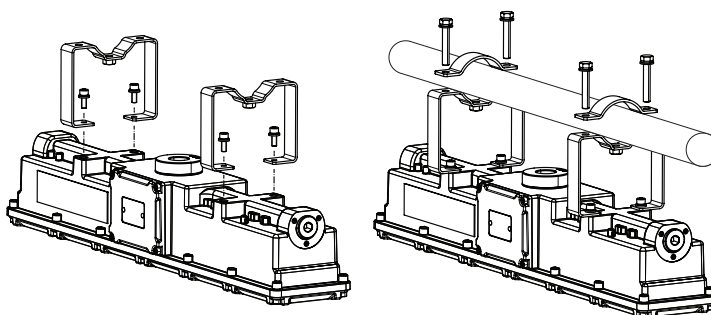


Mount installation

Align the brackets with the designated holes. Secure using the supplied M6x16 bolts. Tighten to 4 Nm (3 lb-ft).

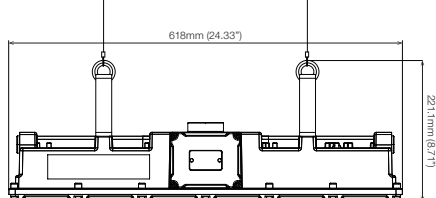
Position the brackets over the pipe or stanchion (OD 1.57"–2.44" / 40–62 mm). Install the M8x50 bolts. Tighten to 8 Nm (6 lb-ft).

Verify all connections are secure to maintain the IP66 rating.

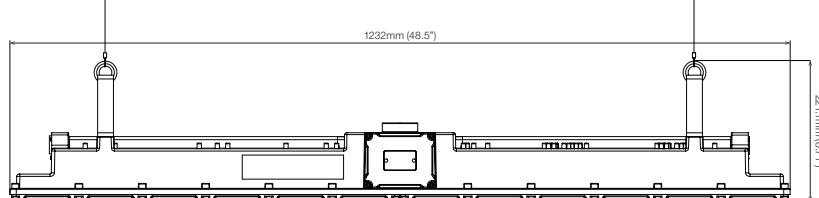


INSTALLATION INSTRUCTIONS (EYEBOLT MOUNT)

Eyebolt Mount Short



Eyebolt Mount Long

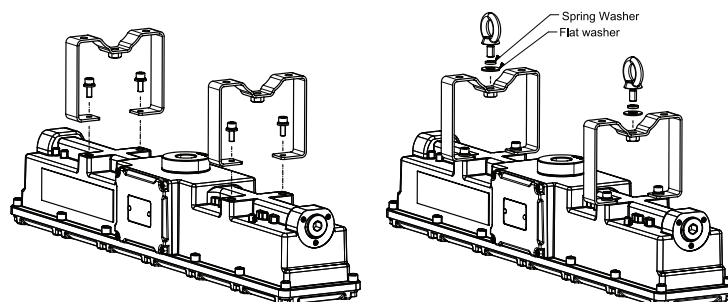


Mount installation

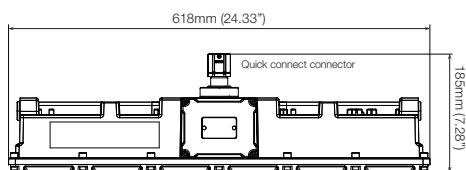
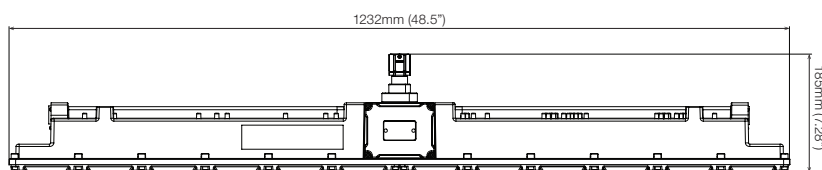
Align the brackets with the designated holes. Secure using the supplied M6x16 bolts. Tighten to 4 Nm (3 lb-ft).

Install the eyebolts onto the brackets. Suspend the luminaire using appropriate slings, chains, or hooks.

Verify all connections are secure to maintain the IP66 rating.



INSTALLATION INSTRUCTIONS (PENDANT MOUNT)

Pendant Mount Short

Pendant Mount Long


Mount installation

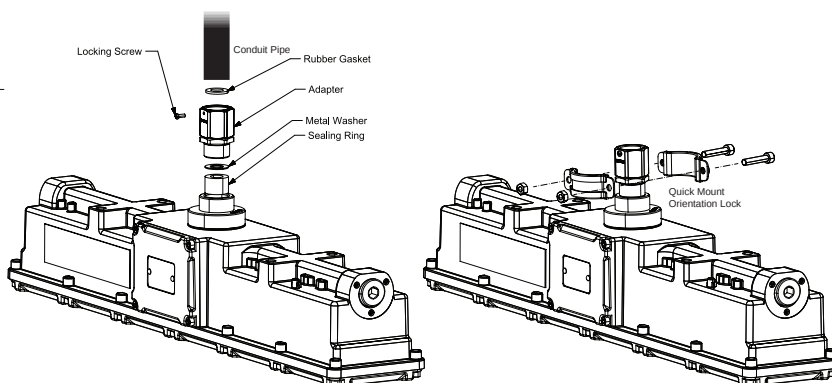
Quick Connector

- M32x1.5 or 1" NPT: For cables Ø 0.59"–0.75" (14–19 mm).
- M25x1.5 or 3/4" NPT: For cables Ø 0.31"–0.47" (8–12 mm).

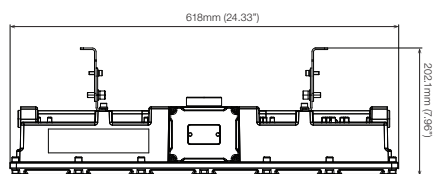
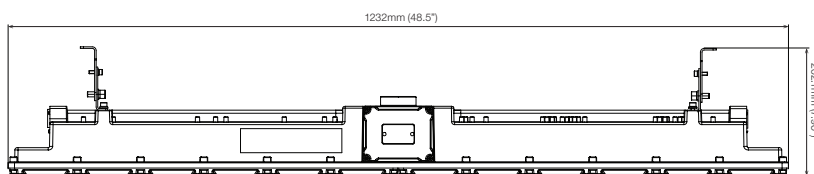
Tighten connectors to 4 Nm (3 lb-ft).

Before orienting the luminaire, securely tighten the locking screw. After orienting, secure it using quick mount orientation lock.

Verify all connections are secure to maintain the IP66 rating.



INSTALLATION INSTRUCTIONS (TRUNNION MOUNT)

Trunnion Mount Short

Trunnion Mount Long


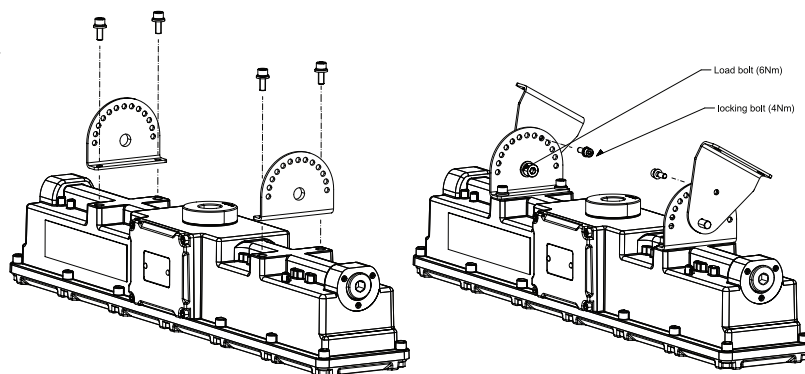
Mount installation

Align the brackets with the designated holes. Secure using the supplied M6x16 bolts. Tighten to 4 Nm (3 lb-ft).

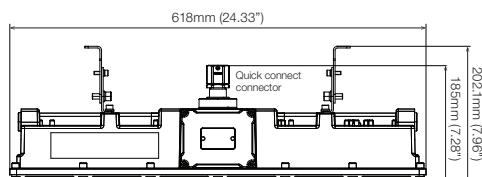
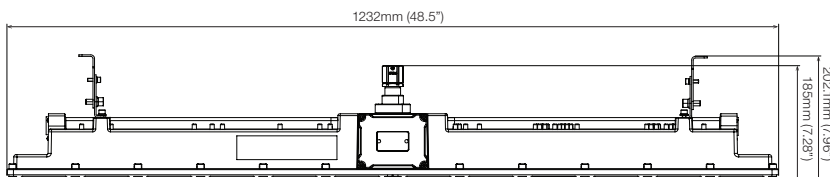
Tighten the load bolt securely. Adjust the bracket to the required angle. Install the locking bolt (M6x16) at the new locking position.

Attach the unit to the ceiling using M6–M8 (1/4"–5/16") expansion screws (not supplied). Ensure fasteners are appropriate for the mounting surface and tightened as required.

Verify all connections are secure to maintain the IP66 rating.



INSTALLATION INSTRUCTIONS (TRUNNION & PENDANT MOUNT)

Trunnion Mount Short

Trunnion Mount Long


Mount installation

Refer to the above instructions for Trunnion Bracket and Pendant Mount. Ensure fasteners are appropriate for the mounting surface and tightened as required. Verify all connections are secure to maintain the IP66 rating.