



Glamox MIR G2

User manual





English / Cable

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard. Outdoor use requires suitable flexible cables assuring the water tightness through the cable inlet. For easy maintenance of outdoor products we recommend to lubricate the screw threads with silicone grease. For controllable luminaires basic insulation is used between mains supply and control conductors.

Norsk / Kabel

Hvis den eksterne påmonterte kabelen på armaturen er skadet, skal den skiftes ut av produsenten, eller en lignende kvalifisert person for å unngå fare. Utendørs bruk krever egnede fleksible kabler som sikrer vannetthet gjennom kabelinntaket. For enkelt vedlikehold av utendørsprodukter anbefaler vi å tilføre silikon rundt gjengene. For armaturer med styring er det benyttet normal isolasjon mellom 230V ledere og ledere for styring.

Svenska / Kabel

Om den externa flexibla kabeln eller sladden på denna armatur är skadad, ska den uteslutande bytas ut av tillverkaren eller hans serviceagent eller en liknande kvalificerad person för att undvika fara. Utomhusanvändning kräver anpassade flexibla installationskablar för att säkerställa förhindrande av inträngande vatten via kabelinföringarna. För att förenkla underhåll/service av våra utomhusprodukter, rekommenderar vi att smörja in skruvarnas gängor med silikon. Armaturer för ljusstyrning ska ha vanlig isolering mellan 230V ledarna och styrningen.

Deutsch / Kabel

Um eine Gefährdung zu vermeiden, darf die externe flexible Leitung der Leuchte bei einer Beschädigung, ausschließlich vom Hersteller oder einer ähnlich qualifizierten Person ausgetauscht werden. Verwendung im Aussenbereich erfordert geeignete Leitungen und Kabel, die auch die Dichtigkeit der Kabeleinführung sichern. Für eine einfache Wartung der Außenleuchten empfehlen wir, die Schraubengewinde der Kabeleinführungen sowie Montageschrauben mit geeigneten Öl oder Fett zu schmieren. Für steuerbare Leuchten wird eine Basis-isolierung zwischen Netz und Steuerleitungen eingesetzt.

Suomi / Kaapeli

Jos tämän valaisimen ulkoinen johto on vaurioitunut, valmistajan tai tämän edustajan tai vastaavan, pätevän henkilön on vaihdettava se kaikenlaisten vaaratilanteiden välttämiseksi. Ulkovalaisimien kanssa on käytettävä taipuisaa kumikaapelia, jotta johtojen läpivientien tiiviys voidaan varmistaa. Huollon helpottamiseksi suosittelemme lisäämään silikonirasvaa ruuvien kierteisiin. Himmennettävissä valaisimessa on peruseristys 230V syöttöjännitteen ja ohjausjohtimien välissä.

Eesti / Kaabel

Valgusti välise painduva toitekaabli vigastumise korral tuleb see õnnetuste vältimiseks eranditult lasta vahetada tootjal, tema poolt volitatud hoolduspartneril või sarnasel kvalifitseeritud isikul. Välispaigalduseks vajalik kasutada sobilikke painduvaid kaableid, et tagada niiskusekindlus kaabliämbiivikudes. Hoolduse lihtsustamiseks soovitame kinnituskruvi keermed määrida silikoonmäärdega. Juhtivates valgustites on 230V toiteahela ja kontrollahelate vahel kasutusel tavalisolev isolatsioon.

Nederlands / Kabel

Als de externe flexibele kabel of het snoer van dit armatuur beschadigd is, mag het uitsluitend worden vervangen door de fabrikant, zijn serviceagent of een vergelijkbaar gekwalificeerd persoon om gevaar te voorkomen. Voor buitenverlichting dienen flexibele kabels toegepast te worden om de waterdichtheid bij de kabelinvoer garanderen. Ter vereenvoudiging van het onderhoud adviseren wij het schroefdraad met siliconenvet in te smeren. Bij regelbare armaturen dient de voedingsspanning van de stuurleiding geïsoleerd te worden.

Dansk / Kabel

Hvis det eksterne kabel på dette armatur er beskadiget, skal det erstattes af fabrikanten eller en lignende kvalificeret person for at undgå farer. For udendørs brug skal der anvendes fleksible kabler, der sikrer vandtæthed mod membranniplen. For nem vedligeholdelser på udendørsprodukter, anbefaler vi, at smøre skruuegvind med silikonefedt. For armaturer med lysstyring er der anvendt normal isolation mellem 230V ledere og leder for styring.

Polish / Kabel

Jezeli zewnątrzny elastyczny kabel lub przewód tej oprawy ulegnie uszkodzeniu, w celu uniknięcia zagrożenia powinien on zostać wymieniony wyłącznie przez producenta, jego przedstawiciela serwisowego lub osobę o podobnych kwalifikacjach. Do użytku oprawy na zewnątrz wymagane są odpowiednie elastyczne kable zapewniające wodoszczelność przez wlot kabla. Aby ułatwić konserwację produktów przeznaczonych do użytku na zewnątrz, zalecamy smarowanie gwintów śrub smarem silikonowym. W przypadku oprav sterowanych stosuje się izolację podstawową pomiędzy przewodami zasilającymi i sterującymi.



English
Do not connect to a temporary power supply source. This may damage the electronics.

Norsk
Tilslutt ikke armaturen til midlertidig byggestrøm. Dette kan skade elektronikken.

Svenska
Anslut inte armaturen till tillfällig byggström. Detta kan skada elektroniken.



English
LED are sensitive to electrostatic discharge. Do not touch the surface of the LED module.

Norsk
LED er følsomme for statisk elektrisitet. Berør ikke overflaten på LED modulen.

Svenska
LED är känslig för elektrostatisk urladdning. Rör inte ytan på LED modulen.

Deutsch
Nicht an unsauberes Netz (Baustrom) anschliessen. Die elektronischen Bauteile können dadurch beschädigt werden.

Suomi
Älä kytke väliaikaiseen virtalähteseen. Tämä voi vioittaa elektroniikkaa.

Eesti
Ära kasuta ajutist toiteahelat. See võib põhjustada vigastusi elektroonikale.

Nederlands
Sluit niet aan op een tijdelijke elektriciteitsvoorziening. Dit kan de elektronica beschadigen.

Dansk
Tilslut ikke armaturet til midlertidig byggestrøm. Dette kan skade elektronikken.

Polski
Nie podłączać do tymczasowego źródła zasilania. Może to uszkodzić elektronikę.

Deutsch
LEDs sind empfindlich gegenüber elektrostatischer Entladung. Berühren Sie nicht die Oberfläche der LED-Module.

Suomi
LED-valonlähteet ovat herkkiä staattisille sähköpurkauksille. Älä kosketa LED-moduleja.

Eesti
Leed on tundlik elektrostaatilise laengu. Palun ära puuduta leed-moodulit.

Nederlands
LEDs zijn gevoelig voor elektrostatische ontlading. Raak het oppervlak van de LED-module niet aan.

Dansk
LED er følsomt for statisk elektricitet. Rør ikke ved overfladen på LED modulet.

Polski
Diody LED są wrażliwe na wyładowania elektrostatyczne, nie dotykaj powierzchni modułu LED.



English
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. Live parts inside – RISK OF ELECTRIC SHOCK

Norsk
Lyskilden i denne armaturen skal kun byttes av Glamox, Glamox sin serviceansvarlig eller en tilsvarende kvalifisert person. Strømførende deler på innsiden – FARE FOR ELEKTRISK STØT

Svenska
Ljuskällan i denna armatur får endast bytas ut i Glamox fabriker, av Glamox servicetekniker eller motsvarande kvalificerad personal. Strömförande delar på insidan – RISK FÖR ELSTÖT

Deutsch
Die enthaltene Lichtquelle in dieser Leuchte darf nur durch den Hersteller, seinen Kundendienst oder eine ähnlich qualifizierte Personen ersetzt werden. Stromführende Teile im Inneren – GEFAHR EINES ELEKTRISCHEN SCHLAGS

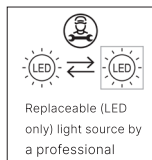
Suomi
Tämän valaisimen valonlähteen saa vaihtaa ainoastaan valaisimen valmistaja, valtuutettu huoltoliike tai vastaava pätevä henkilö. Jännitteisiä osia – SÄHKÖISKUVAARA

Eesti
Selle valgusti valgusallikat võib asendada ainult tootja, tema lepinguline hoolduspartner või sarnane kvalifitseeritud personal. Sisaldab pingestatud komponente – ELEKTRILOOGI OHT

Nederlands
De lichtbron in dit armatuur mag alleen vervangen worden door de fabrikant, zijn servicedienst of een soortgelijk gekwalificeerd persoon. Stroomvoerende delen binnenin – GEVAAR VAN ELEKTRISCHE SCHOK

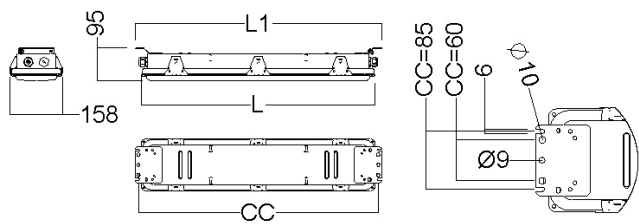
Dansk
Lyskilden i dette armatur må kun udskiftes af Glamox, Glamox servicepartner eller tilsvarende kvalificeret person. Invendige strømførende dele – FARE FOR ELEKTRISK STØD

Polski
Źródło światła w tej oprawie może zostać wymienione wyłącznie przez producenta, jego przedstawiciela serwisowego lub inną wykwalifikowaną osobę. Wewnątrz znajdują się części pod napięciem – RYZYKO PORAZENIA PRĄDEM.



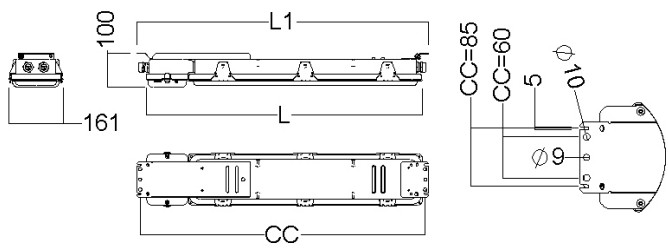
Glamox MIR G2

MIR G2



Types	L1	CC	L
MIR-400 G2	416	396	386
MIR-600 G2	724	704	687
MIR-1200 G2	1334	1314	1296
MIR-1500 G2	1634	1614	1596

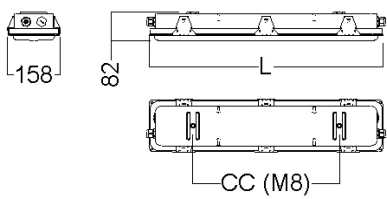
MIR G2 EM



Types	L1	CC	L
MIR-600 G2	858	838	810
MIR-1200 G2	1468	1448	1419
MIR-1500 G2	1768	1748	1718

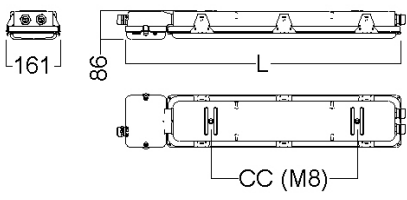
Glamox MIR G2

MIR G2 HOOD NUT



Types	L	CC = Hood nuts M8 distance		
MIR-400 G2	386	186		
MIR-600 G2	687	400	430	500
MIR-1200 G2	1296	500	700	950
MIR-1500 G2	1596		950	1100

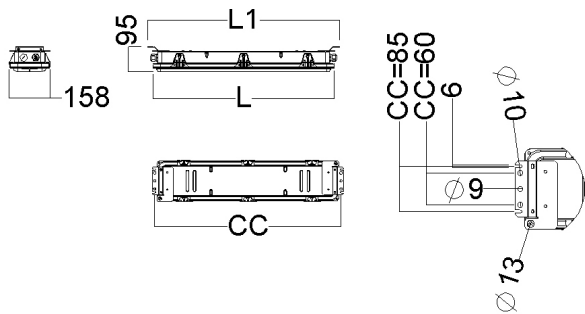
MIR G2 EM HOOD NUT



Types	L	CC = Hood nuts M8 distance		
MIR-600 G2	810	400	430	500
MIR-1200 G2	1419	500	700	950
MIR-1500 G2	1718		950	1100

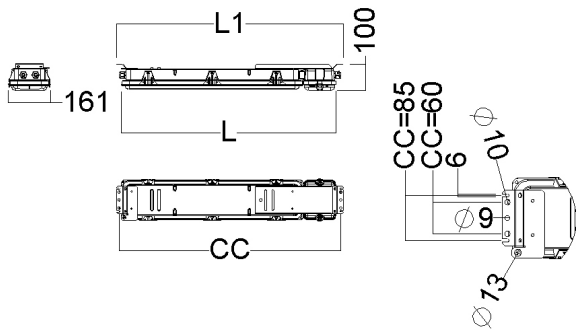
Glamox MIR G2 WOF

MIR G2 WOF



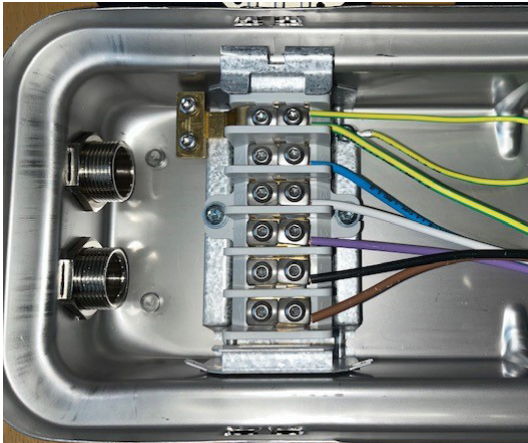
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MIR G2 EM WOF



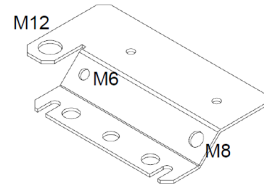
Types	L1	CC	L
MIR-600 G2	858	838	810
MIR-1200 G2	1468	1448	1419
MIR-1500 G2	1768	1748	1718

Glamox MIR G2 WOF - bracket and dimension



External earthing connection holes

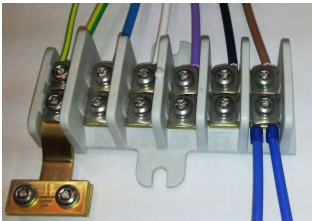
WOF end suspension bracket



The MIR G2 WOF is a variant of MIR G2
The difference is the following:

1. Special bracket for extra big bonding. Lighting protection cable - 12mm bolt with up to 50mm² cable
2. Unpainted housing for extra good bonding towards structure
3. For variant with MAX G2 terminal: The benefit of MAX G2 Terminal - loop in loop out 6mm² cable + 16mm² earth connection

Valid for MIR G2 variants with MAX G2 terminal block



Terminal block

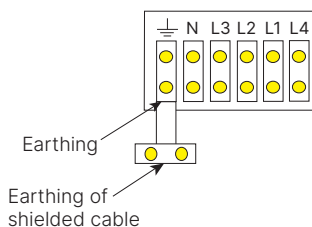
Torque value for screws: 1.8Nm

Type and size of wires that can be used:

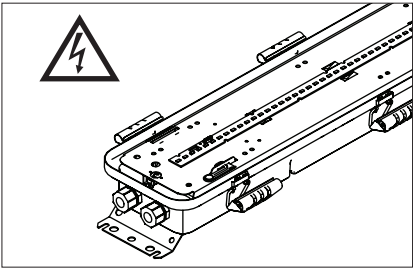
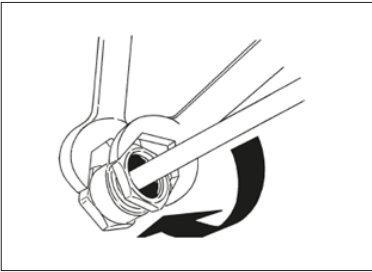
Solid wire: From 1.0mm² to 6.0mm²

Stranded wire with or without ferrule: From 0.75mm² to 6.0mm²

There can only be connected one wire of same size on each side of the screw on each side of each terminal. (totally max 4 wires at each terminal). In addition 1.0mm² solid wire and 0,75mm² stranded wire with ferrule in combination with 2.5mm² stranded wire with ferrule is approved.



Glamox MIR G2

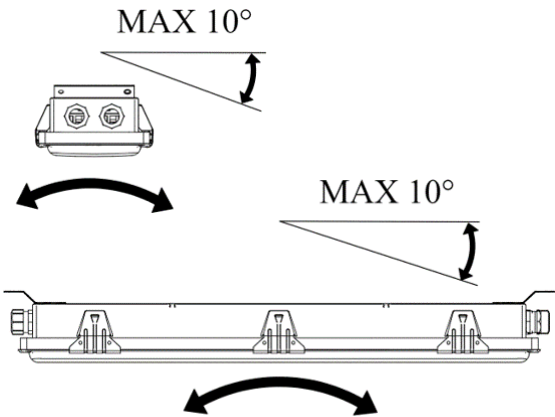


	M20	M25	
Polyamide	5.0 Nm	5.0 Nm	Torque, cable
	7-14 mm	9-18 mm	Cable diameter
NiPl Brass	20.0 Nm	25.0 Nm	Torque, cable, sealing ring S1+S2+S3
	18.0 Nm	20.0 Nm	Torque, cable, sealing ring S1+S2
	15.0 Nm	18.0 Nm	Torque, cable, sealing ring S1
	4-12 mm	10-18 mm	Cable diameter

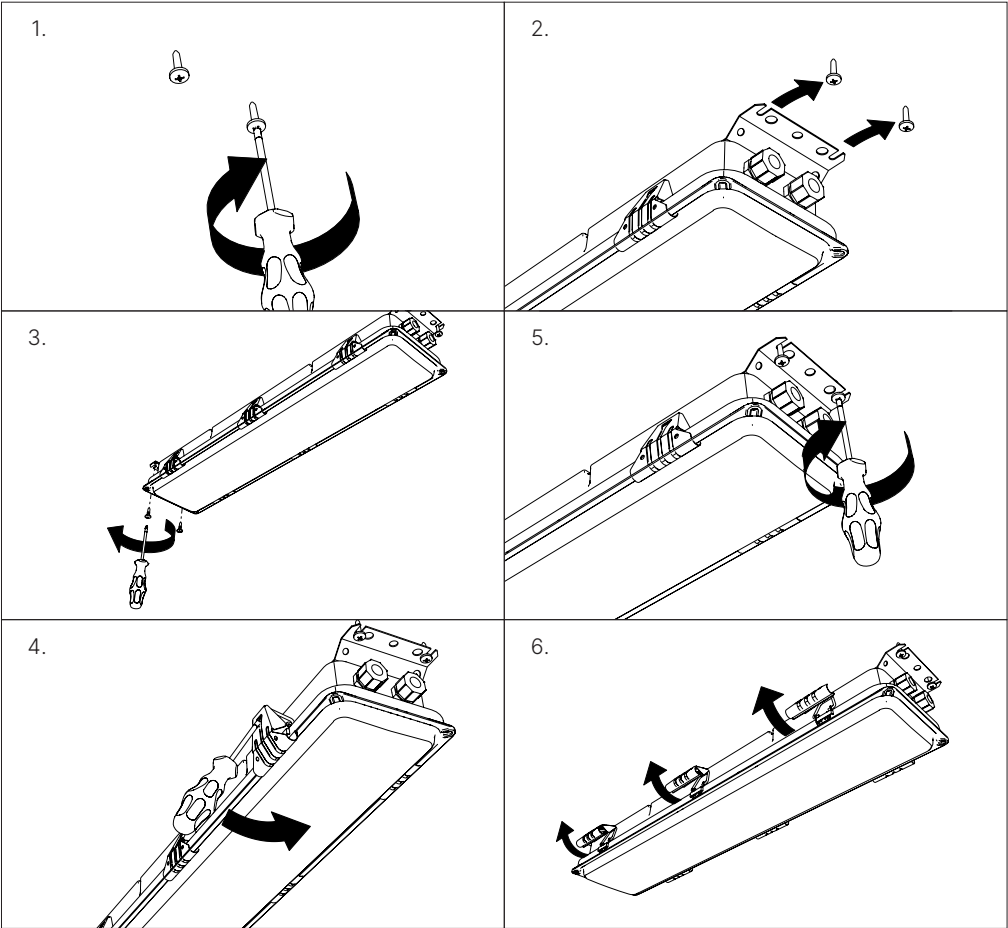
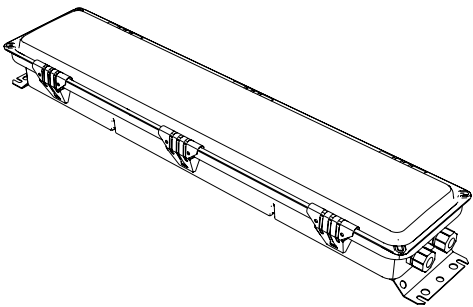
DARK SKY approval for MIR(M) G2 (Valid for Dark Sky variants)

According to DARK SKY approval , the fitting must be mounted with light source/light output - pointing straight down. Maximum tilt angel must not be more than +/- 10 degrees either way

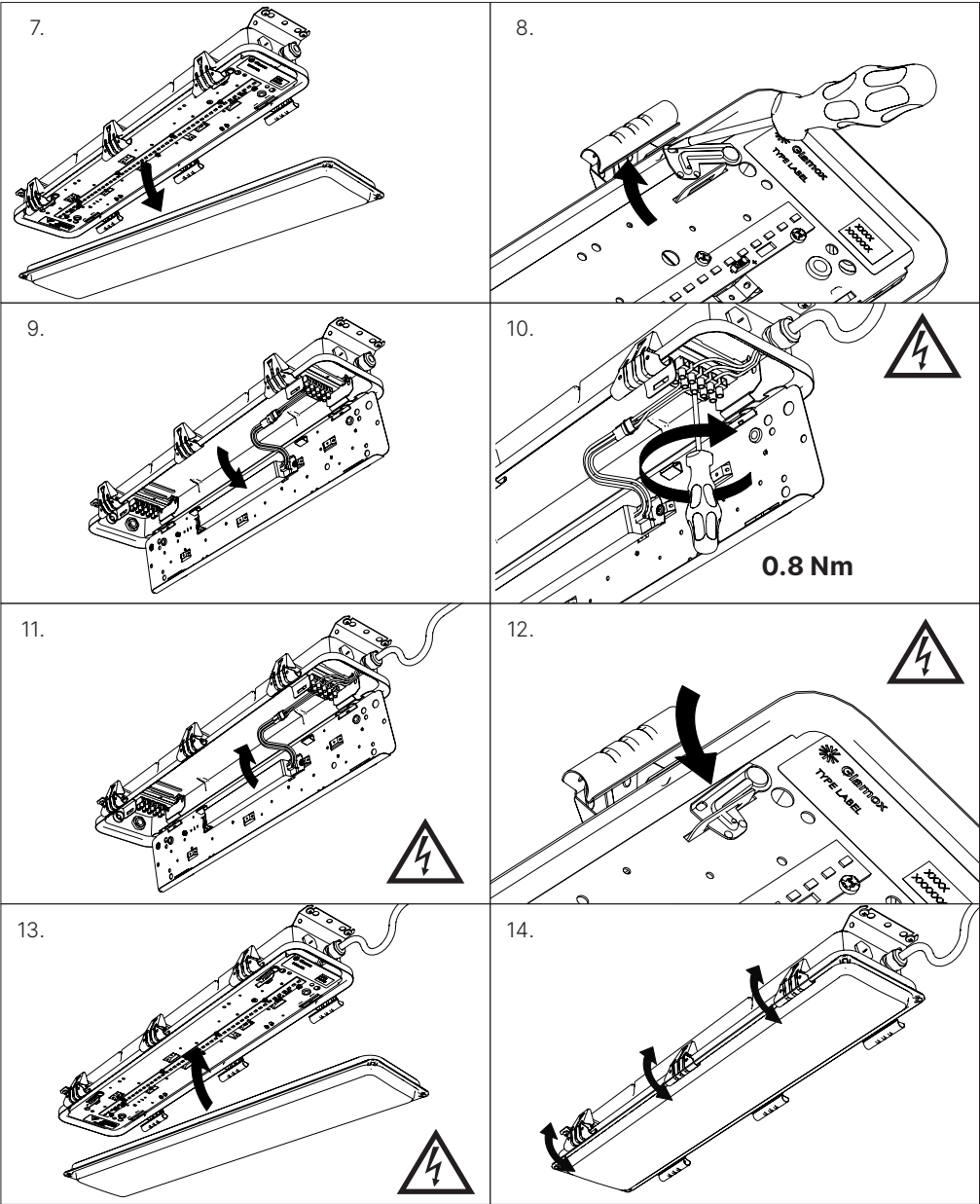
Illustration showing mounting/positioning



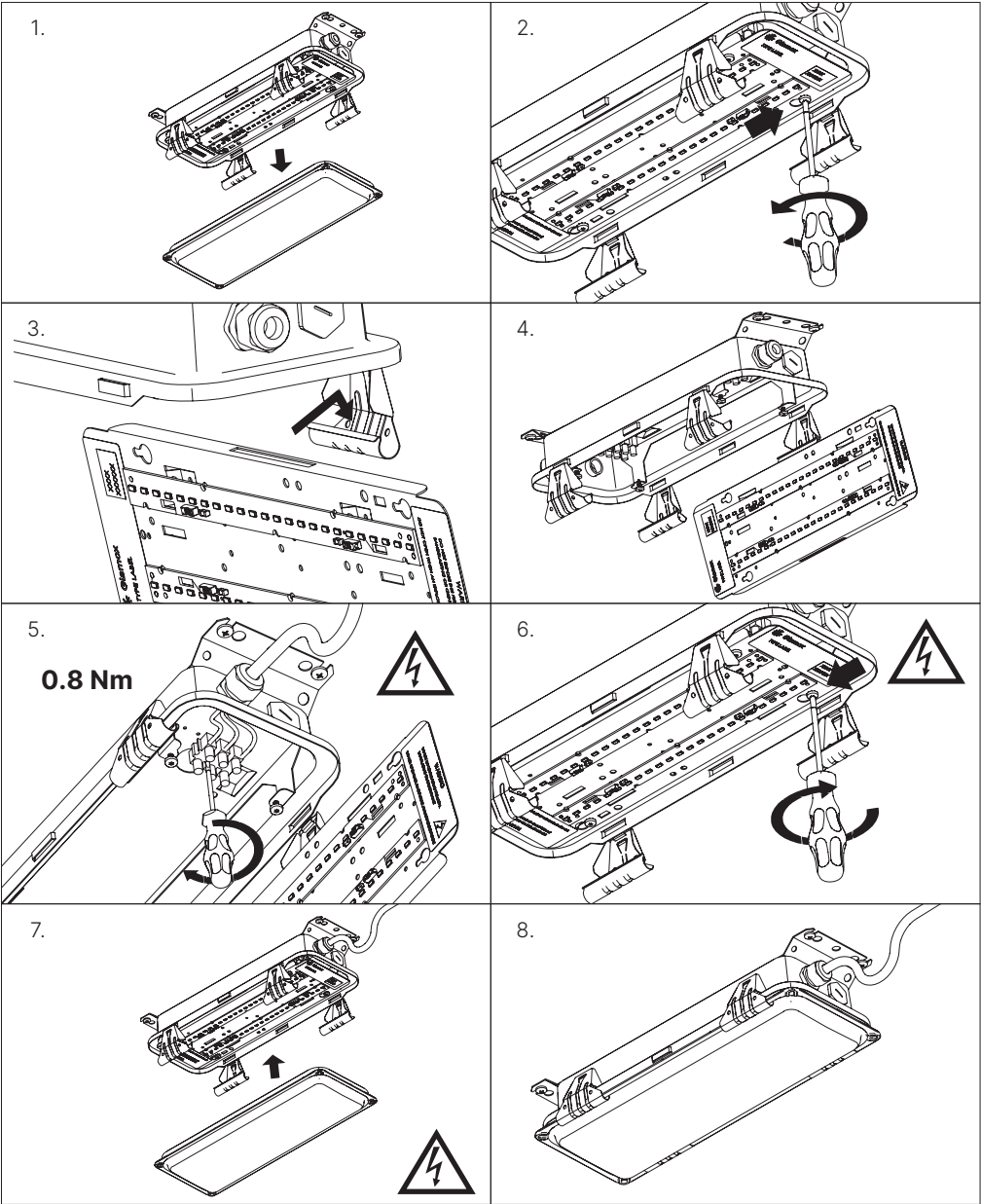
Glamox MIR G2



Glamox MIR G2

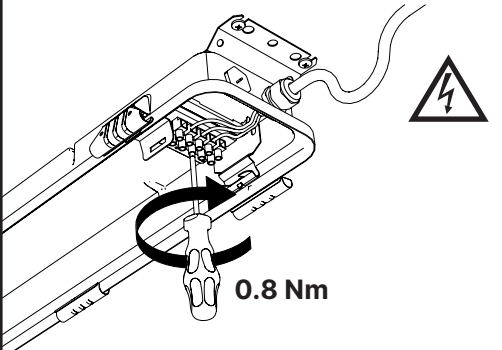


Glamox MIR G2 400



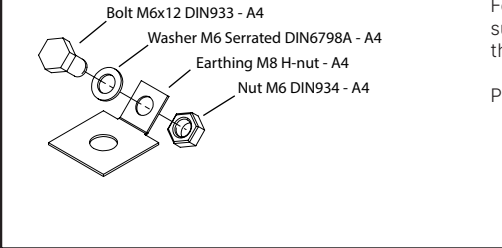
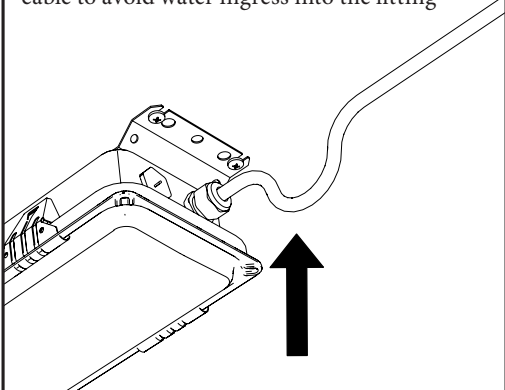
Glamox MIR G2

NB! Use correct torque on terminal block



0.8 Nm

NB! Ensure to make a drip loop on the power cable to avoid water ingress into the fitting

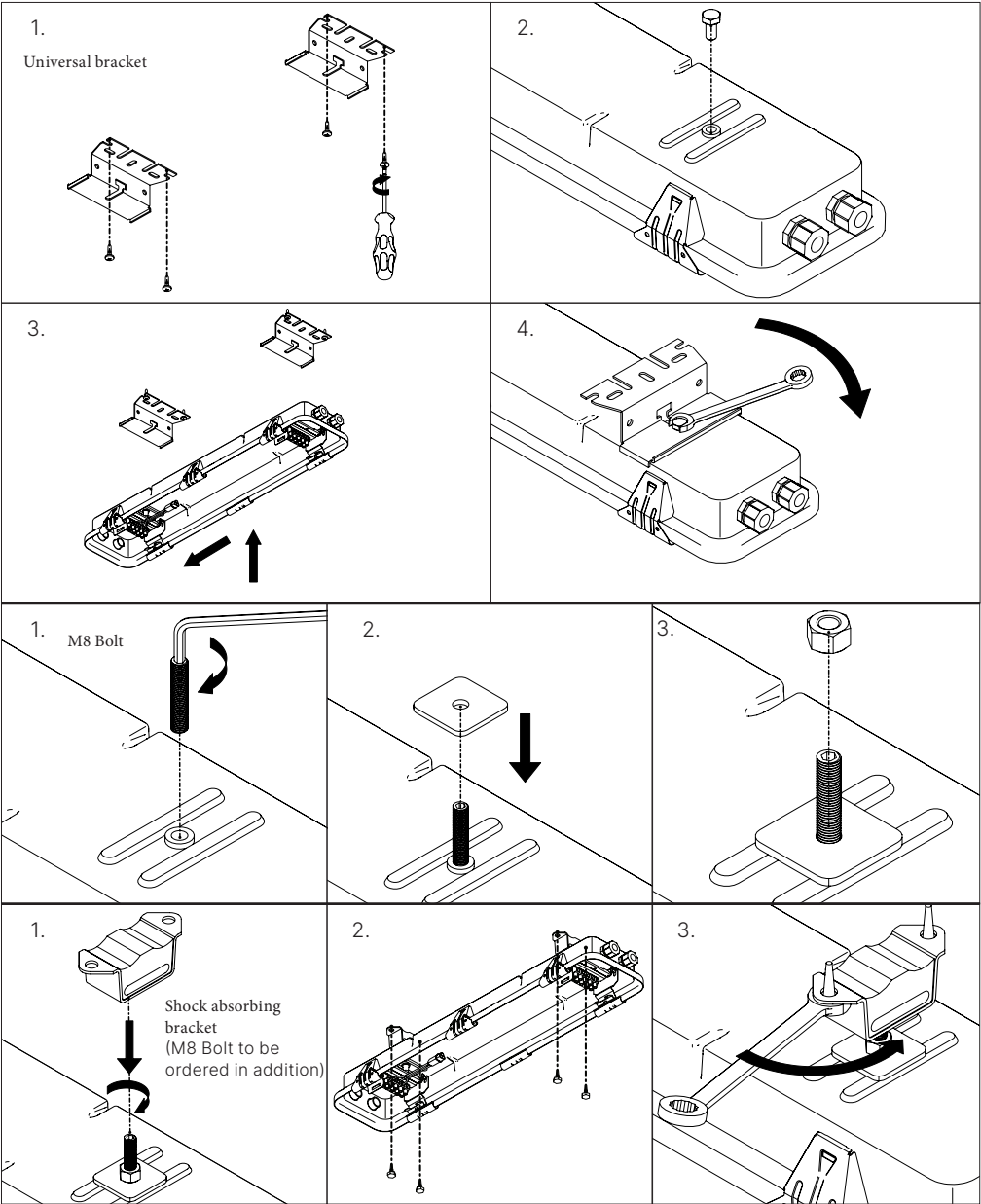


Bolt M6x12 DIN933 - A4
Washer M6 Serrated DIN6798A - A4
Earthing M8 H-nut - A4
Nut M6 DIN934 - A4

For external bonding (M6) in luminaires with M8 hood nut suspension, if external earthing is required, please order this accessory:

PM231206800 MULTI Ext. Earth Connection for M8 bolt

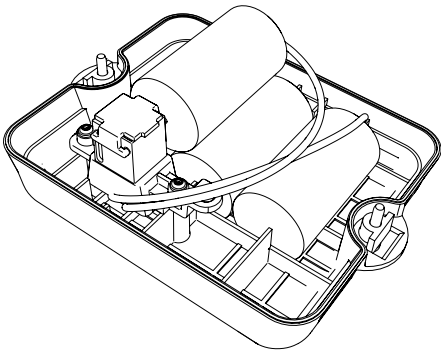
Glamox MIR G2 suspension (options)



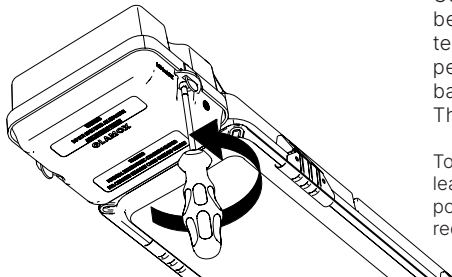
Emergency – Battery change external

Spare part number on existing battery label.

Use only original spare parts from Glamox.
www.glamox.com/global-marine/



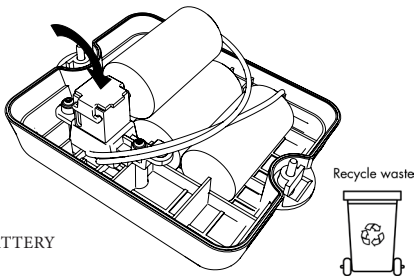
1.



General inspections and main function control to be carried out regularly. Full emergency duration test by switching off power supply should be performed at least once a year. Cycling of batteries at least 2 times yearly is recommended. This will increase the lifetime of batteries.

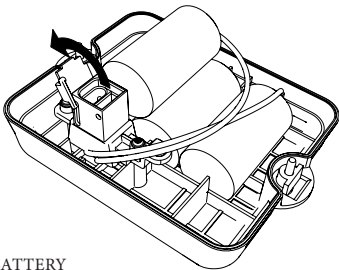
To have a fully charged battery, charging time is at least 24h. In normal mode battery is charged. When power supply shuts down, the local battery gives reduced emergency light.

2.



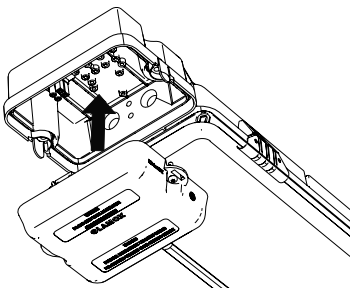
OLD BATTERY

3.

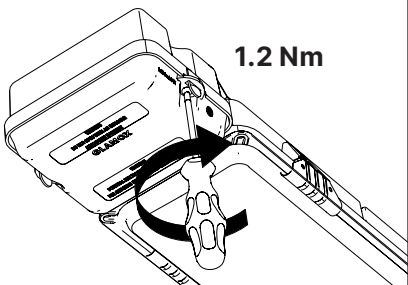


NEW BATTERY

4.

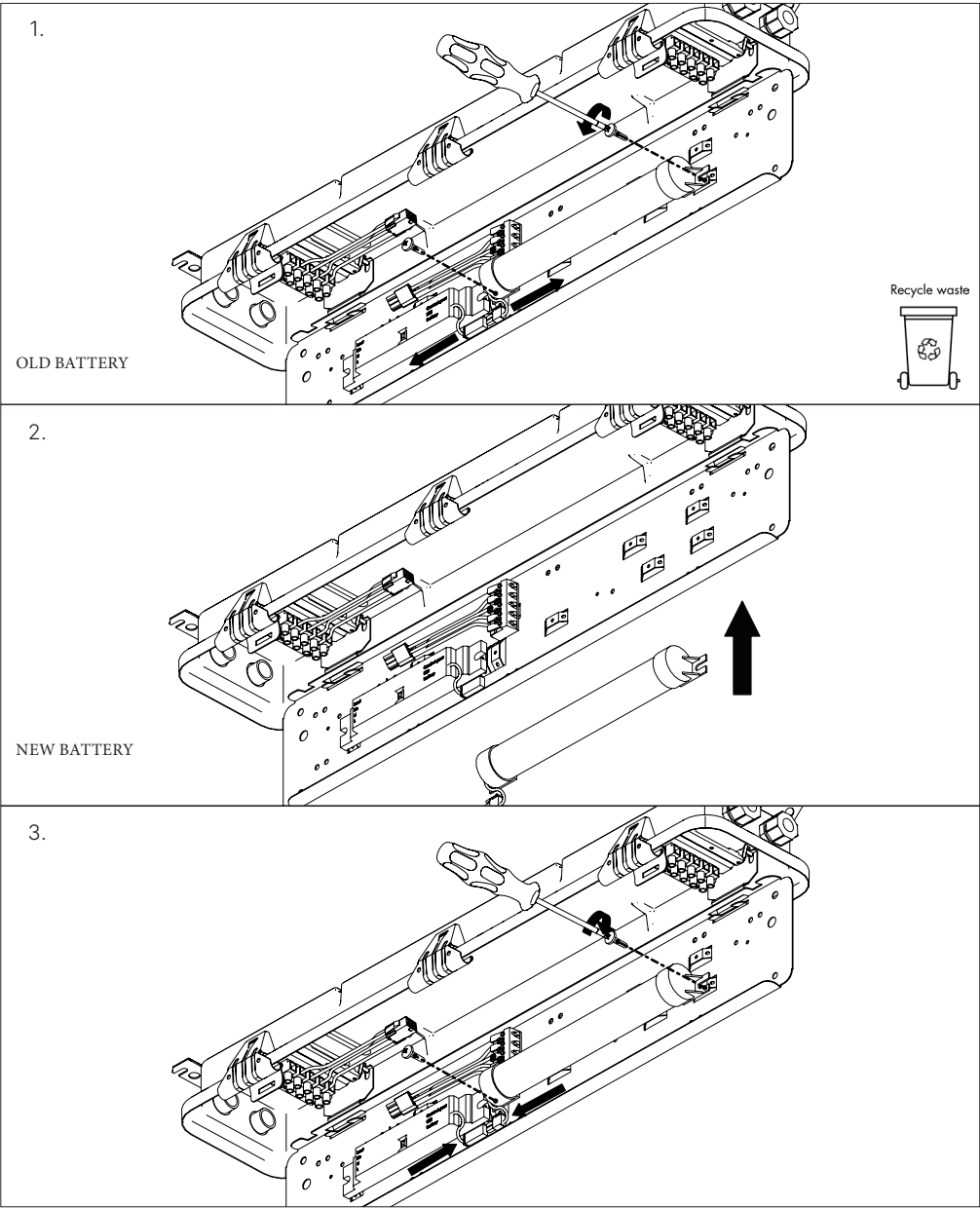


5.

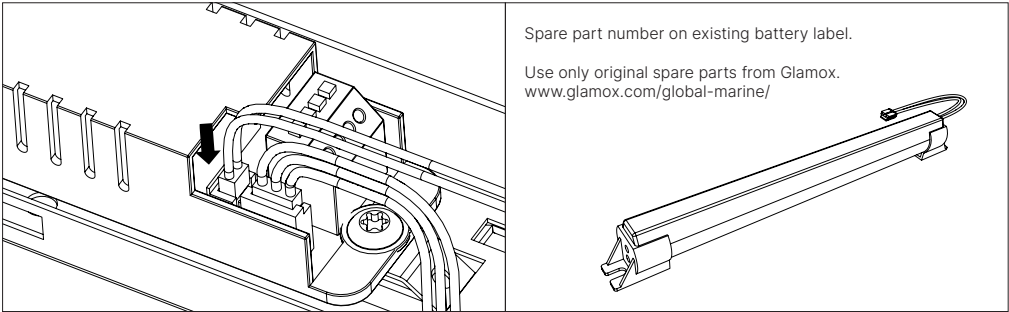


1.2 Nm

Emergency – Battery change internal



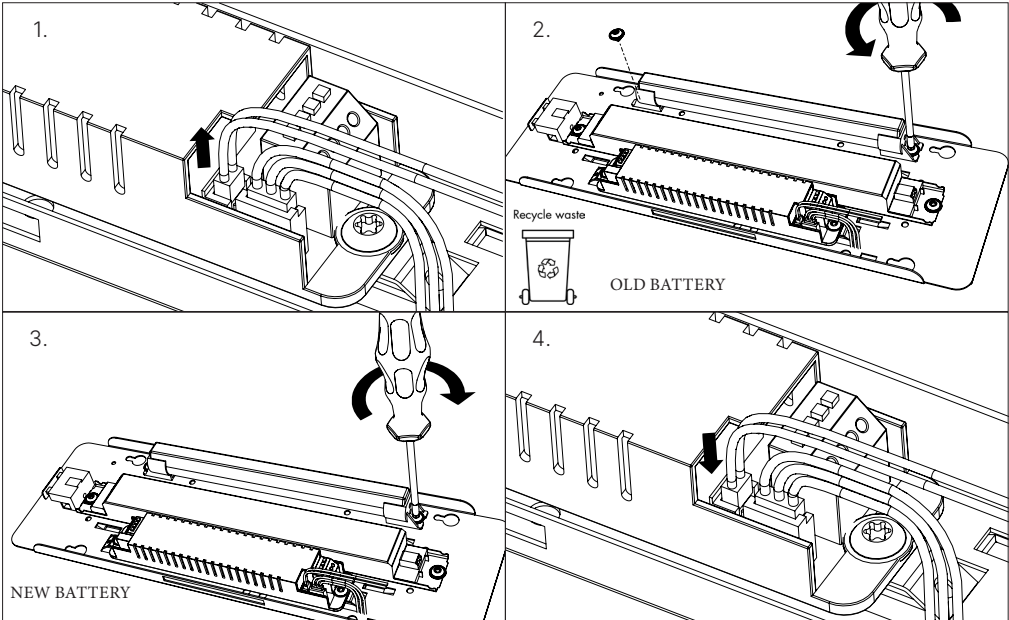
Emergency – Battery MIR G2 400



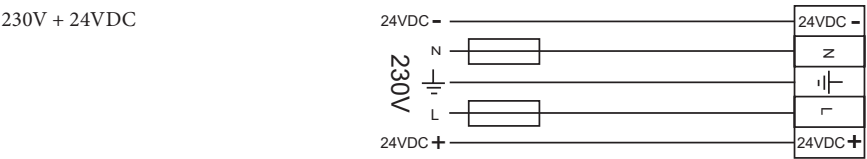
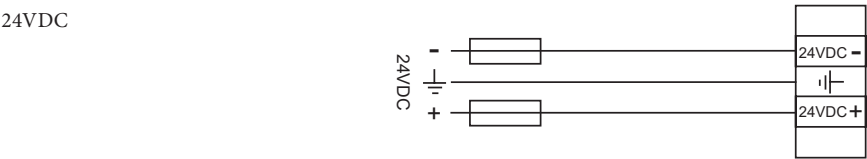
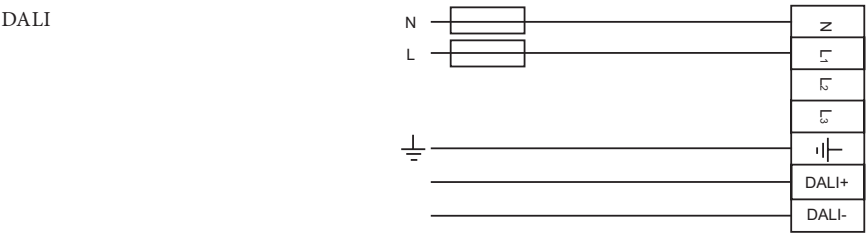
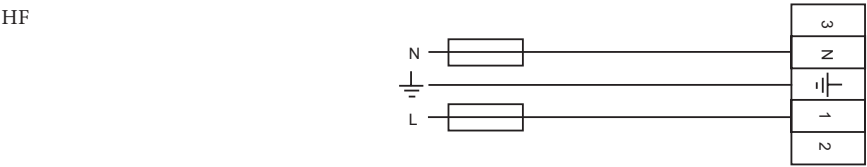
NB!
The battery on MIR G2 400 is deliberately disconnected from the emergency unit to prolong its lifespan.
Before turning on the mains, please connect the 2-pole quick connector from the battery to the emergency unit.

If the light fitting does not function, the battery might not be properly connected to the emergency unit or could be defective.

Emergency – Battery change MIR G2 400

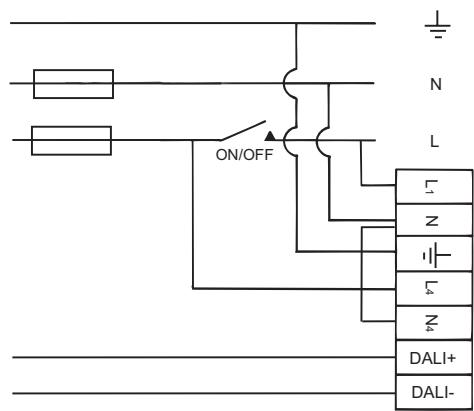


Glamox MIR G2 external connection



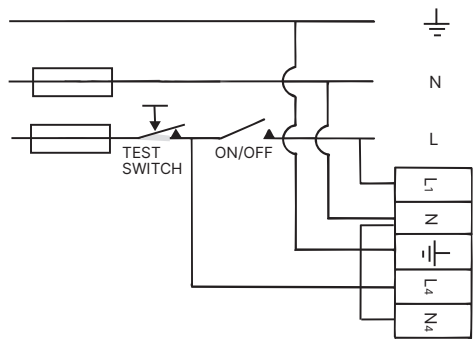
Glamox MIR G2 external connection EM

Emergency DALI
with on/off switch

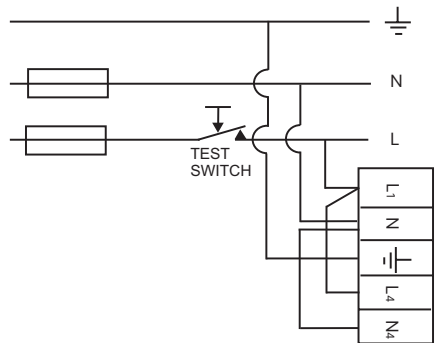


Emergency S/ST
With 1 pole on/off switch

2 pole on/off switch not to
be used for Emergency S



Emergency S/ST
without on/off switch



What to do if...

- LED module do not light:
 - Check that the mains voltage is in the voltage range of the luminaire
 - Open the luminaire and check the following:
Check the wires, the contacts, if defect components it is possible to change these or complete gear tray + battery
- The charging LED indicator do not light:
 - Open the luminaire and check the following:
The connection of L4, the battery and the charging unit
- Emergency illuminance level is too low:
 - Clean the cover of the luminaire
 - Change the battery
- Emergency lighting time is under the specified time (for standard luminaire):
 - Change the battery
- Visible moisture/damp inside luminaire:
 - Shut down mains/power before opening the luminaire. Dry out with a dry cloth and close the luminaire
 - If there is accumulated water inside an investigation of the cause should be performed. Check Cable glands towards cable and housing

Manufacturer:

Glamox AS

Birger Hatlebakksveg 15

NO-6415 Molde, Norway

**English**

For further installation and maintenance guidance, please see the document "Installation and maintenance manual" on our website.

Norsk

For ytterligere installasjons- og vedlikeholdsveiledning kan du lese dokumentet "Installation and maintenance manual" som finnes på våre nettsider.

Svenska

För övriga installation och underhålls uppgifter, var vänlig se vårt dokument "Installation and maintenance manual" på vår hemsida.

Deutsch

Weitere Installations- und Wartungsweise finden Sie in dem Dokument "Installation and maintenance manual" auf unsere Webseite.

Suomi

Tarkemmat asennus- ja huolto-ohjeet löydät kotisivuiltamme tuotteen tuotesivun kohdasta "Ladattavat tiedostot".

Eesti

Lisainformatsiooni saamiseks vaata palun "Installation and maintenance manual" meie koduleheküljelt.

Nederlands

Voor verdere installatie en onderhoud, zie het document "Installation and maintenance manual" op onze website.

Dansk

For yderlig information om installation og vedligeholdelse, se venligst dokumenterne på vores hjemmeside på det pågældende produkt.

Polski

Dalsze wskazówki dotyczące instalacji i konserwacji znajdują się w dokumencie „Instrukcja instalacji i konserwacji” na naszej stronie internetowej.

Please visit our web site for contact information
www.glamox.com



Please refer to our website for information about our 5-year warranty.