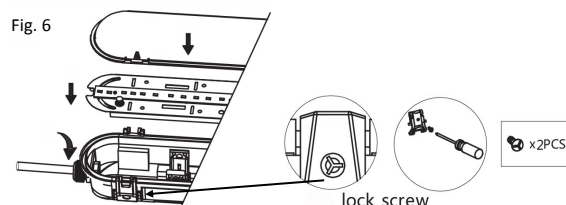
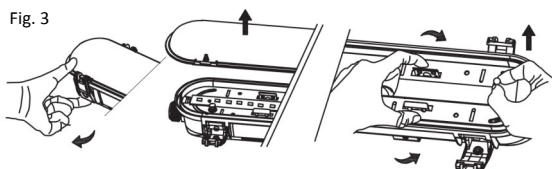
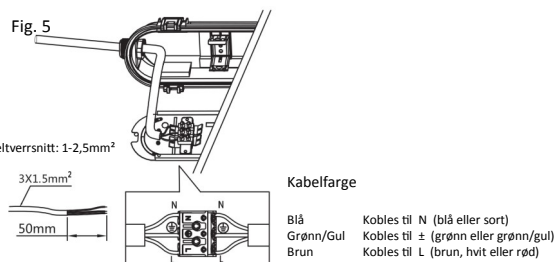
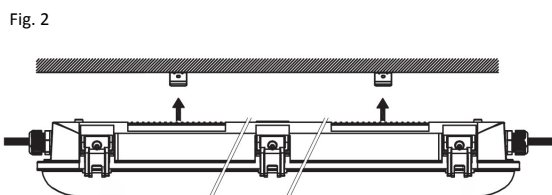
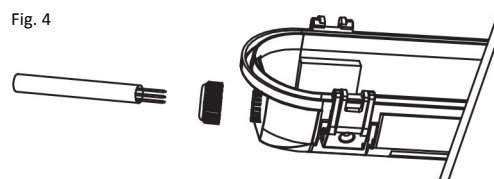
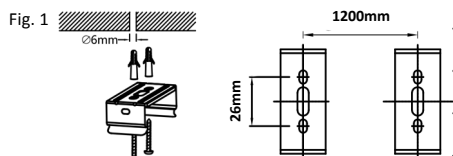


WORK SLIMLINE (EMERGENCY)

Artikkelref.: 040703554

54W LG LED, 4000K - 7020lm/CRI≥80

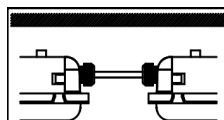
Elnummer: 3259339



MONTERINGSVEILEDNING

1. Monter de to brakettene til underlaget, bruk ev. medfølgende plugg og skrue, avhengig av underlaget (Fig.1)
2. Klips armaturen på plass (Fig. 2)
3. Løsne klipsene (avdekning henger i de to ytterste klips). Klem sammen fjærene på flaten og trekk platen mot deg ved å gripe i knoppen i hjørnet (denne delen blir hengende) (Fig. 3)
4. Før inn ledningstilførsel (og eventuelt videreføring) (Fig. 4)
5. Monter kablene (Fig. 5)
6.
 1. Skru til strekkavlastningen på nippel.
 2. Sett platen med LED strip på plass (klikk).
 3. Fest skjermen ved å lukke klipsene
 4. Lås de ytterste klips med medfølgende skrue (Fig. 6)

Denne armaturen kan ikke dimmes!



NB!

Max. 30 armaturer kan kobles i rekke

SIKKER BRUK

Enkelte typer montasjer kan du utføre selv. Til tross for dette anbefaler vi at installasjonen blir utført av en registrert installasjonsvirksomhet. På denne måten sikres lengst levetid & sikker bruk av produktet.

- Produktet er produsert i henhold til gjeldende Europeiske standarder.
- Beskyttelsesklasse I, skal kobles til jordledning
- Armatur beregnet for utendørs & innendørs bruk.
- Beskyttet mot gjennomtrengning av støv
Beskyttet mot vannsprut

NB!

Vær oppmerksom på at ikke alle overflater tåler 90° C. Plastbelagte takplater kan bli misfarget allerede ved lavere temperaturer. Misfargingen er i seg selv ikke farlig, men kan være skjjemmende.



Kildesortering. Dette produktet må ikke kastes i det vanlige husholdningsavfallet. Hvis du finner ut at ditt NorDesign-produkt må skiftes ut, eller hvis du ikke lenger har bruk for det, må du unnlate å kaste det sammen med det vanlige husholdningsavfallet. Sørg for at dette produktet gjøres tilgjengelig for kildesortering.



Kildesortering av brukte produkter og emballasje gjør det mulig å resirkulere materialer og bruke dem igjen. Gjenbruk av resirkulerte materialer bidrar til å forhindre forurensning av miljøet og reduserer behovet for råvarer. Lokale regelverk kan legge til rette for kildesortering av elektriske produkter fra husholdningen, ved kommunale depoter eller gjennom forhandleren når du kjøper nytt produkt.

NOR DESIGN

SIKKERHET (NORSK)

- For din egen sikkerhet anbefaler produsenten korrekt installasjon og bruk av denne armaturen. Følg vedlagte instruksjoner for sikker installasjon og bruk.
- Koble alltid fra strømmen før vedlikehold eller reparasjoner.
- Kontakt alltid en elektriker eller forhandleren for forespørsler. Installasjon skal alltid foregå i henhold til gjeldende regulativer.
- Pass på at alle (elektriske) enheter er skrudd korrekt & fast sammen. Dette gjelder for både 230V og 12V koblinger.
- Skal produktet fastmonteres, pass på at riktige ledninger kobles sammen: blå eller sort (nøytral), brun, rød eller hvit (leder) og ved jordtilkobling grønn/gul.
- Pass på at ingen ledninger skades ved fastmontering.
- Rengjør lampen med en ren, tørr klut. Bruk ikke sterke vaskemidler.
- Strømførende komponenter skal ikke i kontakt med væske.
- Dersom ledninger eller ledningsførende enheter er skadet, må reparasjon kun foretas av produsent, godkjent servicepersonell eller elektriker. Dette for å unngå brann, elektrisk støt eller annen personskaide.
- Følg spesifikasjoner og instruksjoner nøye. Sjekk symbolmerkingen på lampen og i monteringsanvisningen.

Er du i tvil kan du søke mer informasjon her: www.dsb.no

SAFETY INSTRUCTIONS (ENGLISH)

- For your own safety the manufacturer advises a correct use of this lighting fixture! Follow and save these instructions for correct and safe installation of the fixture
- Always isolate the power before commencing installation, maintenance or repair.
- If in doubt, consult a qualified electrician or contact your retail outlet. Ensure that you always install the fitting according to the local regulations.
- Always tighten the (electrical) mounting parts tightly. This goes for 230V and 12V connections.
- If you connect the wires, always pay attention to the color of the wires: blue or black (neutral), brown, red or white (live) and in case of protection class I, yellow/green (earth).
- Pay attention that you don't damage the wires when mounting the fixture!
- Clean fixtures with a dry cloth, never use abrasives or solvents.
- Avoid electrical parts getting in touch with liquids.
- If the external flexible cable or chord of the luminarie is damaged, it should be exclusively replaced by the manufacturer or his service agent or similar qualified person in order to avoid hazard.
- Always consider all the technical specifications of the fixture. Verify the stated icons on the label of the fixture and the icons that are shown in the mounting instructions.

NORDESIGN

Nordesign AS, Granåsvegen 7, 7069 Trondheim - Norway
www.nordesign.no

EMERGENCY

Emergency Lighting Control Gear
Self-Test Version

HYTRONIK®

HEM07-T



Applications

Emergency conversion units to provide constant power output in emergency mode. 2 case sizes - insulated terminal cover with cord restraint for external mounting, suitable for LED panels etc. and aluminium housing giving excellent thermal properties for built-in to fixture applications.

- LED panels and downlights
- Bulkhead / Utility luminaires
- IP65 / Tri-proof
- Decorative / linear systems

Use for retrofit upgrades & new luminaire designs.



Features

- Emergency
 - Self-Testing
 - Dual Wattage
 - Active PFC Design
 - Over-heat Protection
 - Short Circuit Protection
 - Over-load Protection
- } All with Auto-restart
- 5 Year, 50,000hr Warranty (driver only)

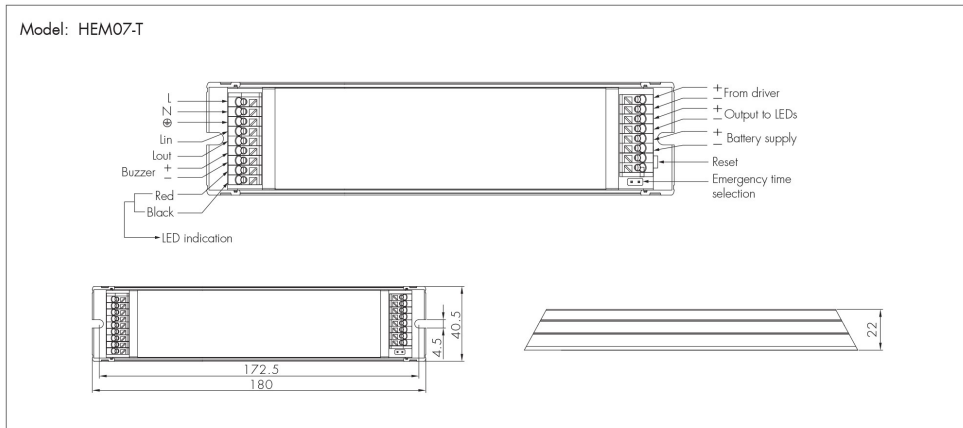
- Dual wattage and duration selection:
HEM07-T: 3W @ 3hrs; 3W @ 1h
- Built-in MCU programed self-testing, maintenance free
- Wide range of LEDs in series HEM07-T: 12~55V

- Automatic output current adjustment
- Deep discharge protection
- Constant current charger
- High temperature NiMH/Nicd cells

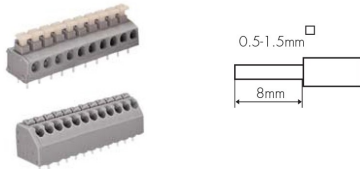
Model No.	HEM06-T	HEM07-T
Mains voltage		220~240VAC 50/60Hz
Mains current		19mA - 15mA
Mains power		4W
Output voltage(U-out Max.)		65VDC
Power factor		0.75
Operation temperature		0~+50°C
Battery charge voltage		3V~5.3V
Battery charge current		200mA (Max.)
Battery pack		BPC01
Mains Switch-over voltage range		150VAC~180VAC
Output LED current		40mA (55VDC)~230mA (12VDC)
Battery duration		3 hours @3W
Charge period	24 hours	
Max. case temp.	75°C	
Over-heat protection	Over-heat protection with auto-reset.	
EMC standard	EN55015, EN61547	
Safety standard	EN50172, EN61347-2-7, EN61347-2-13, IEC62034, BS5266	
Certifications	Semko, CB, RCM, CE, EMC	
Dielectric strength	Input→output: 3750VAC	
IP grade	IP20	

EMERGENCY

Dimensions and Terminals



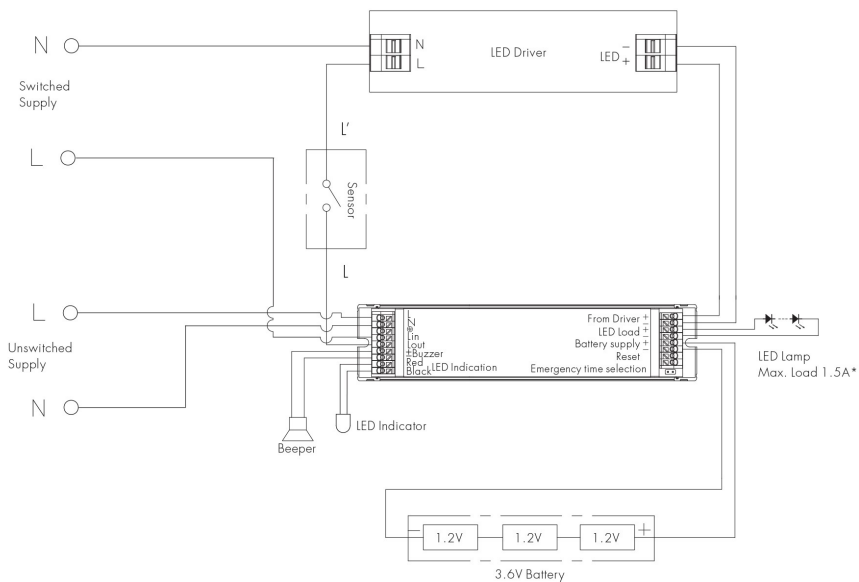
Wire Preparation



Solid or Stranded wire type 0.5 - 1.5mm²
To make or release the wire from the terminal, use a screwdriver to push down the button.

Wiring Diagram

Model: HEM07-T



*Higher Loads may be attached by making a common connection of LED driver and Emergency Driver Outputs to the LED Lamp (relay by-pass).
Compatibility of the LED driver to work with HEM07-T or HEM06-T MUST be checked first. Please contact our technical department for further information.

EMERGENCY

Self-testing Feature

Carrying out routine test on emergency lighting and holding records of the test result are required by law. (IEC62034, EN50172). Hytronik advanced LED emergency control model HEM06-T / HEM07-T has an internal clock, programmed at pre-determined intervals to perform the requested routine testing: 3min. functional test every month, and 3h functional test every 6 months.

- Selftest starts after the luminaires are connected to an uninterrupted mains supply for between 24-32 hours.
- Permanently monitors battery and charge condition
- Dual fault indication: faults are clearly identified on the luminaire by red LED and buzzer.
- Automatic random test to avoid adjacent luminaires being tested together, leaving the occupied space unprotected.

Manual Testing

HEM06-T / HEM07-T is provided with a test switch which performs the following functions:

Monthly Test / Fault reset

* Short push (<5s): Green LED flashes once, then goes to monthly 3 minute test mode. Providing the battery has sufficient charge, any fault indicators that have been rectified will be cleared.

6-month test initiation

* Long push (>5s <10s): The buzzer beeps twice and the battery will start charging for 24h. After the re-charge period a 6-month duration test will be performed. The green LED will flash 2 times every 3 seconds during this discharge period.

Full duration test initiation

* Long push (>10s): The buzzer beeps three times and a full duration discharge is initiated. The green LED will flash 3 times every 3 seconds during this discharge period.

Bi-Colour LED Diagnostics

Status	Buzzer beep & LED flash mode	Visual indication	Buzzer
Battery failure	Red LED slowly flashes once in 3 seconds; buzzer beeps 10 seconds every hour.	● ○ ○	
LED lamp failure	Red LED rapidly flashes twice in 3 seconds buzzer beeps 10 seconds every hour.	● ● ○	
Emergency LED driver failure	Red LED rapidly flashes 3 times in 3 seconds buzzer beeps 10 seconds every hour.	● ● ●	
Healthy condition	Green LED is constantly on	—●—●—●—●—●—	
Battery charge	Green LED slowly flashes once every second	—●—●—●—●—●—	
Battery discharge	/	/	
Monthly test	Green LED slowly flashes once in 3 seconds	● ○ ○	
6 month test	Green LED flashes twice in 3 seconds	● ● ○	
12 month test	Green LED quickly flashes 3 times in 3 seconds	● ● ●	

HEM07-T Battery

Package code	Picture	Spec.	Size(mm)	Duration
BPC01		3 cells, C type, high temperature NiMH battery, 3.6V, 4.0AH	235x22x22	3 hours

NiMH - Continuously rated 40 degrees for 4 years design life

Charge new battery for 24hours before use.

In compliance with IEC61951-1 (NiCd type), IEC61951-2 (NiMH type).