

**FEATURES AND CHARACTERISTICS:**

- Wear-resistant, anti-static thermoplastic housing with scratch-resistant polycarbonate lens
- Protection class IP 67 – protected against ingress of dust and water
- LED technology
- Handy end cap switch for instantaneous and continuous operation, M-85 with pressure switch behind the lamp head for easy operation even with gloves
- Sturdy clip for attaching the lamp to clothing, for example, M-85 with anti-roll base
- Explosion-proof light-weight hand lamps for flexible use according to the following approval codes:
  - **LY2M-10:** Ex I M1/II 1G/II2D Ex ia I Ma/II C T5 Ga (-40°C < T<sub>a</sub> < +50°C) Ex ib IIIB T95°C Db IP67
  - **LY2M-40:** Ex I M1/II 1G/II 2D Ex ia I Ma/II C T4 Ga (-40°C ≤ T<sub>a</sub> ≤ +50°C) Ex ib IIIB T125°C Db IP67
  - **LY2M-60:** Ex I M1/II 1G/II 2D Ex ia I Ma/II C T4 Ga (-40°C ≤ T<sub>a</sub> ≤ +50°C) Ex ib IIIB T130°C Db IP67
  - **LY2M-85:** Ex I M1/II 1G 2D Ex ia I Ma Ex ia IIC T3/T4 Ga Ex ib IIIB T200°C Db



**VERSIONS:**

Type	Illuminant	Luminous flux	Lighting Duration*	Battery	Colour	Dimensions in cm L x Ø	Weight incl. Battery	Order No.
<b>MICRO M-10</b>	1 LED	24 lm	2.0 h	4 pcs button cell battery size LR44	yellow	7.0 x 2.2	25 g	<b>LY2M-10</b>
<b>MINI M-40</b>	3 LED	44 lm	10.0 h full power	3 pcs alkaline battery size N		14.5 x 2.2	60 g	<b>LY2M-40</b>
<b>MINI M-60</b>	1 watt CREE LED	up to 139 lm	up to 3.0 h	3 pcs alkaline battery size N		14.5 x 2.2	60 g	<b>LY2M-60</b>
<b>MIDI M-85</b>	High-Power-LED	up to 210 lm	up to 7.0 h	4 pcs alkaline battery size AA		17.0 x 4.5	190 g	<b>LY2M-85</b>

\* maximum lighting duration per battery charge

COMPONENTS AND ACCESSORIES:	Order No.
Helmet holder for Centurion helmets and helmets with Euro 30 slot for the models M-40 and M-60	<b>LYM-660</b>
Helmet holder for Centurion helmets and helmets with Euro 30 slot for the model LYM-85	<b>LYM-680</b>
Nylon belt holder black for the model LYM-85	<b>LYM-681</b>
Alkaline batteries type LR44 / AG 13 (pack of 2 pcs) for the model M-10 (4 pcs per lamp required)	<b>LZ-AG13</b>
Alkaline battery size N 1.5 V for the models M-40 and M-60 (3 pcs per lamp required)	<b>LX-ALK/N1,5V</b>
Alkaline battery size AA 1.5 V for the model M-85 (4 pcs per lamp required)	<b>LX-ALK/AA1,5V</b>

- other models on request / subject to modification and error -

Small, but mighty: The robust, compact LYM-70 compact mini battery light can easily be stored in a pocket. Despite its small format, it achieves impressive lighting performance of 107 lumens thanks to modern LED technology.

According to its approval code, the LYM-70 is ATEX certified for safe use in potentially explosive gas, vapour, mist and dust atmospheres. It is also approved for use in mining operations according to group I.

### FEATURES AND PROPERTIES:

- Wear-resistant, non-conductive thermoplastic housing with scratch-resistant polycarbonate lens
- Protection class IP 67 – protected against the ingress of dust and water
- State-of-the-art LED technology
- Practical end cap switch for momentary and continuous operation
- Robust clip for attaching the light to clothing, for example
- Explosion-protected, lightweight handheld light for flexible use according to the following approval codes:

Ex I M1/II 1GD Ex ia I Ma / IIC T4 Ga  
(-20°C ≤ Ta ≤ +40°C) Ex ia IIIC T200 160°C Da

- Gas zone 0, 1, 2
- Dust zone 20, 21, 22



### VERSIONS:

Type	Light source	Luminous flux	Operating time*	Battery	Colour	Dimensions in cm L x diam.	Weight incl. batt.	Order no.
MINI M-70	1 high power CREE LED	107 lm	7,0 h	2 pc. AAA alkaline-manganese batteries	yellow	14,6 x 2,2	50 g	LYM-70

\* maximum operating time per set of batteries

COMPONENTS AND ACCESSORIES:	Order no.
Helmet bracket for Centurion helmets and helmets with euro 30 slot for LYM-70	LYM-660
Alkaline-manganese battery size AAA 1.5 volt for model M-70 (2 pc. required per light)	LX-ALK/AAA1,5V