

# 61.149.221.122-HM75R SE 说明书

## 105G铜版纸/单黑双面印刷/980\*225mm/风琴折10折再4折/A3



### HM75R

#### MAGNESIUM SEPARATION STYLE INDUSTRIAL HEADLAMP

1600 LUMENS MAX OUTPUT

220 HOURS MAX RUNTIME

### LIGHTING FOR EXTREMES

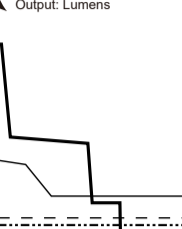
FACEBOOK WECHAT

FENIXLIGHT LIMITED

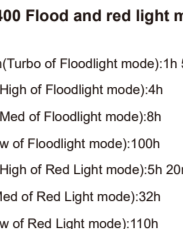
Tel: +86-755-29631163/30303 Fax: +86-755-29631161

www.fenixlight.com

Address: 2F/3F West of Building A, Xinghong Technology Park, 111 Shuang Road, Fenghuangyong Community, Xixiang Bao'an District, Shenzhen City, Guangdong Province, China



Fenix ALG-03 V2.0 helmet mount adapter



Fenix HM75R Power extender

All accessories are sold separately.

**WARNING**

⚠️ Do not place this headlamp out of the reach of children!

⚠️ Do NOT shine the headlamp directly into the eyes of anyone!

⚠️ Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

⚠️ Do NOT touch the headlamp in inappropriate ways such as holding the unit in your mouth, doing so could cause serious injury to your mouth or death if the headlamp or internal battery fails!

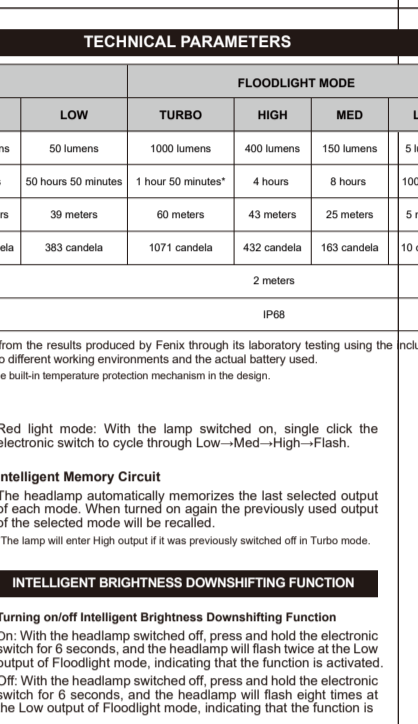
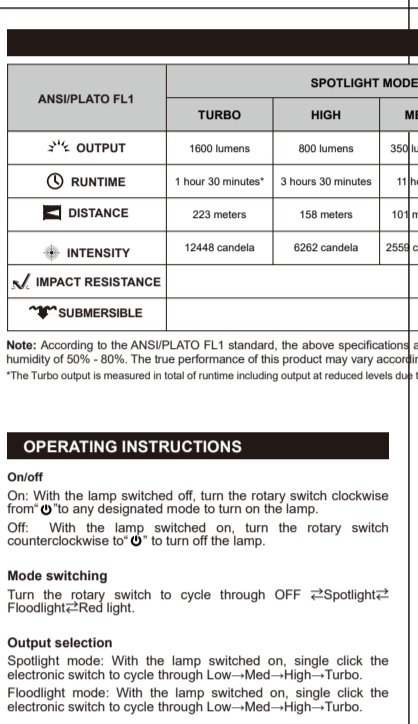
⚠️ This headlamp will accumulate a significant amount of soot/dirt/grime, resulting in a high temperature of the headlamp shell. Pay close attention to avoid burns.

⚠️ Turn off the headlamp or remove the battery to prevent accidental activation when the headlamp is placed in a closed and flammable environment such as pockets and bags.

⚠️ The LEDs of this headlamp are not replaceable; so the whole headlamp should be replaced when any of the LEDs are dead and of this headlamp.

**PRODUCT FEATURES**

- 1600 Lumens maximum output, 223 meters maximum beam distance.
- Uses one Luminus SST40 cold white LED, two Luminus SST20 Neo White LEDs, and one OSRAM GR QSPSA1 23 spot light LED, with a life span of 50,000 hours each.
- Only one ARB-L18-3400 battery or an HM75R power extender, the latter doubles the runtime on average.
- High-quality magnesium alloy headlamp body, lightweight and durable.
- Rotary switch and electronic switch for easy and fast operation.
- Spotlight, floodlight and red light for a variety of lighting demands.
- Intelligent brightness downshifting function to avoid potentially dangerous high temperature(s) at close-range lighting.
- Standard USB Type-C fast-charging port with inner waterproof protection.
- Headlamp(including mount): 3.59" x 1.61" x 2.119" 1.1 x 4.1 x 5.3 cm
- Weight: 6.03 oz/171 g (including battery and headband).
- The HM75R power extender must be ordered separately.



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⚠️ Do NOT touch the headlamp in inappropriate ways such as holding the unit in your mouth, doing so could cause serious injury to your mouth or death if the headlamp or internal battery fails!

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**BATTERY REPLEVEMENT**

Unscrew the battery cover counterclockwise to insert the battery in accordance with the polarity marks, then screw the battery cover back on.

**CHARGING**

1. Uncover the anti-dust cap and plug the USB Type-C side of the charging cable into the charging port of the lamp.

When charging, the LED indicators will flash from left to right to display the charging status. The four indicators will be constant or after charging is complete.

With the headlamp switched off, the normal charging time of using a Fenix ARB-L18-3400 battery is about 4 hours from depleted to fully charged at 2.3 A with a higher power charging adapter.

Note:

- 1. Headlamp can be operated while charging. The actual brightness of the Turbo output is 1200 lumens in Spotlight mode and 700 lumens in Floodlight mode at a 9 V charging voltage. Only the Low output of the Floodlight mode can be operated at a 5 V charging voltage.
- For the use with additional power source, the headlamp will flash twice (at a 5 V charging voltage) or four times (at a 9 V charging voltage) at the Low output at the last selected mode before the additional power source is disconnected.
- The above two descriptions still apply when the headlamp is charged by a power source, even if the headlamp battery is inserted backward or not inserted at all.

**BATTERY LEVEL INDICATION**

With the headlamp switched off, single click the electronic switch to check the battery status, the indicator(s) will last for 3 seconds.

Four lights on: 100% - 80%

Three lights on: 80% - 60%

### TECHNICAL PARAMETERS

ANSI/PLATO FL1	SPOTLIGHT MODE			FLOODLIGHT MODE			RED LIGHT MODE					
	TURBO	HIGH	MED	LOW	TURBO	HIGH	MED	LOW	HIGH	MED	LOW	FLASH
➤ % OUTPUT	1600 lumens	800 lumens	350 lumens	50 lumens	1000 lumens	400 lumens	150 lumens	5 lumens	120 lumens	30 lumens	5 lumens	5 lumens
➤ RUNTIME	1 hour 30 minutes*	3 hours 30 minutes	11 hours	50 hours 50 minutes	1 hour 50 minutes*	4 hours	8 hours	100 hours	5 hours 20 minutes	32 hours	110 hours	220 hours
➤ DISTANCE	223 meters	158 meters	101 meters	39 meters	60 meters	43 meters	25 meters	5 meters	16 meters	9 meters	4 meters	/
➤ INTENSITY	12448 candela	6262 candela	2556 candela	383 candela	1071 candela	432 candela	163 candela	10 candela	70 candela	20 candela	4 candela	/
➤ IMPACT RESISTANCE	IP68											
➤ SOMMERGIBEL	IP68											

Note: According to the ANSI/PLATO FL1 standard, the above specifications are the results produced by Fenix through its laboratory testing using the actual battery used. The performance of the product may vary according to the different working environments and the actual battery used.

\*The Turbo output is measured in total of runtime including output at reduced levels due to the built-in temperature protection mechanism in the design.

**OPERATING INSTRUCTIONS**

**On/Off**

On: With the lamp switched off, turn the rotary switch clockwise to turn the lamp on.

Off: With the lamp switched on, turn the rotary switch counterclockwise to turn the lamp off.

**Mode switching**

Turn the rotary switch to cycle through OFF → Spotlight → Floodlight → Red light.

**Output selection**

Spotlight mode: With the lamp switched on, single click the electronic switch to cycle through Low → Med → High → Turbo.

Floodlight mode: With the lamp switched on, single click the electronic switch to cycle through Low → Med → High → Turbo.

Red light mode: With the lamp switched on, single click the electronic switch to cycle through Low → Med → High → Flash.

**Intelligent Memory Circuit**

The headlamp automatically memorizes the last selected output of each mode. When turned on again the previously used output of the selected mode will be recalled.

\*The lamp will enter High output if it was previously switched off in Turbo mode.

**INTELLIGENT BRIGHTNESS DOWNSHIFTING FUNCTION**

**Turning on/off Intelligent Brightness Downshifting Function**

On: With the headlamp switched off, press and hold the electronic switch for 6 seconds, and the headlamp will flash twice at the Low output of Floodlight mode, indicating that the function is activated. Off: With the headlamp switched off, press and hold the electronic switch for 6 seconds, and the headlamp will flash eight times at the Low output of Floodlight mode, indicating that the function is deactivated.

**RECHARGE/REPLACE BATTERY**

Solution: Recharge or replace the battery (Ensure battery is inserted according to the manufacturer's specifications).

A: The battery is fully charged when the LED indicators are on and B: The threads, PCB board contact points or other contacts are soiled. Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please contact the distributor.

**INCLUDED**

Fenix HM75R headlamp, ARB-L18-3400 battery, USB Type-C charging cable, Spare O-ring, User manual, Warranty card

### TECHNICAL PARAMETERS

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**RECHARGE/REPLACE BATTERY**

Solution: Recharge or replace the battery (Ensure battery is inserted according to the manufacturer's specifications).

A: The battery is fully charged when the LED indicators are on and B: The threads, PCB board contact points or other contacts are soiled. Clean the contact points with a cotton swab soaked in rubbing alcohol.

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**INCLUDED**

Fenix HM75R headlamp, ARB-L18-3400 battery, USB Type-C charging cable, Spare O-ring, User manual, Warranty card

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**INCLUDED**

Fenix HM75R headlamp, ARB-L18-3400 battery, USB Type-C charging cable, Spare O-ring, User manual, Warranty card

**警告**

- 1. 请勿将本产品放置在儿童接触不到的地方，避免儿童使用!
- 2. 请勿将本产品直接照射到眼睛，以免对眼睛造成伤害!
- 3. 请勿将本产品直接照射到易燃物体，避免造成火灾!
- 4. 请勿将本产品直接照射到他人面部，以免造成他人不适!
- 5. 请勿将本产品直接照射到易燃物体，以免造成火灾!
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**产品特点**

- 1. 最高亮度 1600 流明，最远射程 223 米；
- 2. 使用 1 颗 Luminus SST40 冷白光 LED，2 颗 Luminus SST20 白光 LED，1 颗 OSRAM GR QSPSA1 23 颗 LED，寿命 50000 小时；
- 3. 本产品具有双供电方式，可单独使用，也可外接一节锂电池，平均续航 2 倍续航时间；
- 4. 灯头主体采用合金材料打造，重量减轻；
- 5. 旋钮 + 按键组合开关，可快速模式切换；
- 6. 本产品具有红光设计，加入红、白光光源，可满足多种照明需求；
- 7. 智能亮度调节功能，自动调降亮度，避免造成近距离照射伤害；
- 8. 本产品具有通用 Type-C 快充接口设计，采用内嵌式设计；
- 9. 支持快充（快充支持）：9.1V (60W) / 4.1V (33.3W) 快充；
- 10. 本产品具有防摔设计，可防止本产品摔坏；
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- 19. 本产品具有防摔设计，可防止本产品摔坏；
- 20. 本产品具有防摔设计，可防止本产品摔坏；

**使用说明**

**开机/关机**

开机：关机状态下从“O”档位顺时针旋转按钮至任意档位开机；  
关机：开机状态下从任意档位逆时针旋转按钮至“O”档位即可关机。

**电池更换**

逆时针打开电池盖，将电池按照正负极方向装入，旋紧电池盖即可进入待机工作状态。

**充电/放电说明**

1. 打开灯头充电防尘帽，将充电线的 Type-C 接口插入灯头充电接口。
2. 充电过程中，电量指示灯会以连续的方式从左向右循环点亮，表示正在充电。当四灯全亮时，表示充满电。
3. 充电完成后，请将灯头充电接口与充电线分离，避免短路。
4. 本产品支持快充，充电功率为 60W，充电电压为 9.1V，充电电流为 6.5A，充电功率为 60W，充电电压为 9.1V，充电电流为 6.5A。

**智能控制**

灯具长时间以高亮度档位工作会积累大量热量，为避免外光温度过高，本产品具有智能亮度调节功能，当检测到温度过高时，灯具会自动降低亮度，当温度下降至 60°C 以下时，灯具会自动恢复到该档位亮度。

### 技术参数

ANSI/PLATO FL1	聚光照明			泛光照明			红光照明					
	极高档	高档档	中高档	低高档	极高档	高档档	中高档	低高档	高档档	中高档	低高档	闪烁档
➤ % 亮度	1600流明	800流明	350流明	50流明	1000流明	400流明	150流明	5流明	120流明	30流明	5流明	5流明
➤ 续航	1小时30分*	3小时30分	11小时	50小时50分	1小时50分*	4小时	8小时	100小时	5小时20分	32小时	110小时	220小时
➤ 射程	223米	158米	101米	39米	60米	43米	25米	5米	16米	9米	4米	/
➤ 光强	12448坎德拉	6262坎德拉	2556坎德拉	383坎德拉	1071坎德拉	432坎德拉	163坎德拉	10坎德拉	70坎德拉	20坎德拉	4坎德拉	/
➤ 防护等级	IP68											

注：以上数据为ANSI/PLATO FL1标准，实际使用中会根据环境温度和实际使用功率有所变化。

**模式切换**

模式切换：按照关闭→聚光→泛光→红光的顺序切换模式。

**档位切换**

聚光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

泛光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

红光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

**智能记忆功能**

灯头会自动记忆每次使用的档位，开机后会自动默认上次使用的档位。

\*以上数据仅供参考，实际使用中以产品说明书为准。

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**档位切换**

聚光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

泛光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

红光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

**智能记忆功能**

灯头会自动记忆每次使用的档位，开机后会自动默认上次使用的档位。

\*以上数据仅供参考，实际使用中以产品说明书为准。

### 技术参数

ANSI/PLATO FL1	聚光照明			泛光照明			红光照明					
	极高档	高档档	中高档	低高档	极高档	高档档	中高档	低高档	高档档	中高档	低高档	闪烁档
➤ % 亮度	1600流明	800流明	350流明	50流明	1000流明	400流明	150流明	5流明	120流明	30流明	5流明	5流明
➤ 续航	1小时30分*	3小时30分	11小时	50小时50分	1小时50分*	4小时	8小时	100小时	5小时20分	32小时	110小时	220小时
➤ 射程	223米	158米	101米	39米	60米	43米	25米	5米	16米	9米	4米	/
➤ 光强	12448坎德拉	6262坎德拉	2556坎德拉	383坎德拉	1071坎德拉	432坎德拉	163坎德拉	10坎德拉	70坎德拉	20坎德拉	4坎德拉	/
➤ 防护等级	IP68											

注：以上数据为ANSI/PLATO FL1标准，实际使用中会根据环境温度和实际使用功率有所变化。

**模式切换**

模式切换：按照关闭→聚光→泛光→红光的顺序切换模式。

**档位切换**

聚光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

泛光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

红光模式：开机状态下，单击侧面按钮，按照低亮→中亮→高亮→极高亮顺序切换档位。

**智能记忆功能**

灯头会自动记忆每次使用的档位，开机后会自动默认上次使用的档位。

\*以上数据仅供参考，实际使用中以产品说明书为准。

**警告**

- 1. 请勿将本产品放置在儿童接触不到的地方，避免儿童使用!
- 2. 请勿将本产品直接照射到眼睛，以免对眼睛造成伤害!
- 3. 请勿将本产品直接照射到易燃物体，避免造成火灾!
- 4. 请勿将本产品直接照射到他人面部，以免造成他人不适!
- 5. 请勿将本产品直接照射到易燃物体，以免造成火灾!
- 6. 请勿将本产品直接照射到易燃物体，以免造成火灾!
- 7. 请勿将本产品直接照射到易燃物体，以免造成火灾!
- 8. 请勿将本产品直接照射到易燃物体，以免造成火灾!
- 9. 请勿将本产品直接照射到易燃物体，以免造成火灾!
- 10. 请勿将本产品直接照射到易燃物体，以免造成火灾!

**产品特点**

- 1. 最高亮度 1600 流明，最远射程 223 米；
- 2. 使用 1 颗 Luminus SST40 冷白光 LED，2 颗 Luminus SST20 白光 LED，1 颗 OSRAM GR QSPSA1 23 颗 LED，寿命 50000 小时；
- 3. 本产品具有双供电方式，可单独使用，也可外接一节锂电池，平均续航 2 倍续航时间；
- 4. 灯头主体采用合金材料打造，重量减轻；
- 5. 旋钮 + 按键组合开关，可快速模式切换；
- 6. 本产品具有红光设计，加入红、白光光源，可满足多种照明需求；
- 7. 智能亮度调节功能，自动调降亮度，避免造成近距离照射伤害；
- 8. 本产品具有通用 Type-C 快充接口设计，采用内嵌式设计；
- 9. 支持快充（快充支持）：9.1V (60W) / 4.1V (33.3W) 快充；
- 10. 本产品具有防摔设计，可防止本产品摔坏；
- 11. 本产品具有防摔设计，可防止本产品摔坏；
- 12. 本产品具有防摔设计，可防止本产品摔坏；
- 13. 本产品具有防摔设计，可防止本产品摔坏；
- 14. 本产品具有防摔设计，可防止本产品摔坏；
- 15. 本产品具有防摔设计，可防止本产品摔坏；
- 16. 本产品具有防摔设计，可防止本产品摔坏；
- 17. 本产品具有防摔设计，可防止本产品摔坏；
- 18. 本产品具有防摔设计，可防止本产品摔坏；
- 19. 本产品具有防摔设计，可防止本产品摔坏；
- 20. 本产品具有防摔设计，可防止本产品摔坏；

**使用说明**

**开机/关机**

开机：关机状态下从“O”档位顺时针旋转按钮至任意档位开机；  
关机：开机状态下从任意档位逆时针旋转按钮至“O”档位即可关机。

**电池更换**

逆时针打开电池盖，将电池按照正负极方向装入，旋紧电池盖即可进入待机工作状态。

**充电/放电说明**

1. 打开灯头充电防尘帽，将充电线的 Type-C 接口插入灯头充电接口。
2. 充电过程中，电量指示灯会以连续的方式从左向右循环点亮，表示正在充电。当四灯全亮时，表示充满电。
3. 充电完成后，请将灯头充电接口与充电线分离，避免短路。
4. 本产品支持快充，充电功率为 60W，充电电压为 9.1V，充电电流为 6.5A，充电功率为 60W，充电电压为 9.1V，充电电流为 6.5A。

**智能控制**

灯具长时间以高亮度档位工作会积累大量热量，为避免外光温度过高，本产品具有智能亮度调节功能，当检测到温度过高时，灯具会自动降低亮度，当温度下降至 60°C 以下时，灯具会自动恢复到该档位亮度。

### 技术参数

ANSI/PLATO FL1	聚光照明			泛光照明			红光照明					
	极高档	高档档	中高档	低高档	极高档	高档档	中高档	低高档	高档档	中高档	低高档	闪烁档
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