

Select KTC's rechargeable LED light series depending on the work scene and brightness



Type	Wearable type						Handy type					Freestanding type
Description	NECK LIGHT	FLEXIBLE LIGHT (PEN LIGHT TYPE)	FLEXIBLE LIGHT (HAND LIGHT TYPE)	PEN LIGHT (WITH HEAD HOLDER)	HEAD LIGHT		PEN LIGHT	HAND LIGHT	FOLDING LIGHT	SLIM LIGHT	FLOOR LIGHT S	
Part No.	 AL814N	 AL816P	 AL816H	 AL820	 AL813S	 AL813M	 AL815P	 AL815H	 AL815V	 AL815W	 AL810	 AL812S
Light source (lm)	320	350	1000	380	200	400	350	1000	100	800	900	700
Continuous work time (h)*	2.0	2.5	3.0	3.0	2.0	4.0	2.3	1.5	3.0	2.5	1.6	2.0
Lighting pattern	-	-	-	Top light Main light	-	Spotlight Floodlight	-	-	Top light Main light Sub light	Top light Main light Sub light	White Warm color Intermediate color	-
Dimming level	2 levels	2 levels	3 levels	2 levels (Main light only)	2 levels	3 levels (Floodlight only)	3 levels	4 levels	2 levels (Main light only)	2 levels (Main and sub light only)	Level less	3 levels
Charging time (h)	about 2.5	about 2.5	about 2.5	about 1.5	about 2.5	about 2.5	about 2.5	about 4.0	about 2.5	about 4.0	about 2.8	about 4.0
Dustproof Waterproof	IP54	IP65	IP65	-	IP65	IP65	IP66	IP68	IP2X	IP54	IP5X	IP65
Weight (g)	140	89	216	50	50	111	52	135	60	193	310	243
Charging terminal (USB)	Type-C	Type-C	Type-C	Type-C	micro-B	Type-C	Type-C	micro-B	Type-C	Type-C	micro-B	Type-C
Charging cable	○	○	○	○	○	○	○	○	○	○	○	○
Charger	-	-	-	-	-	-	-	-	-	-	○	-
Head band	-	-	-	○	○	○	-	-	-	-	-	-

*Continuous use time is the maximum lighting time when using "strong"



- Do not look directly at the LED.
- Do not disassemble or modify.
- Tighten the cap firmly after inserting or removing the dedicated rechargeable battery. (AL815P, AL815H, AL816P, AL816H)
- There is no waterproof function. Do not use it underwater or in the rain. (AL810, AL820)

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- All sizes on this leaflet are indicated as millimeter unless mentioned.
- There might be size differences between those mentioned on this leaflet and the actual products for the product tolerance.
- Product design might be changed for the improvement without the notifications.



Supporting workplace safety with brightness
Rechargeable LED light series



3 types to choose from depending on the work scene. Brightness makes your work more comfortable.

► Wearable type



For maintenance while using both hands



For inspection and maintenance of warehouse



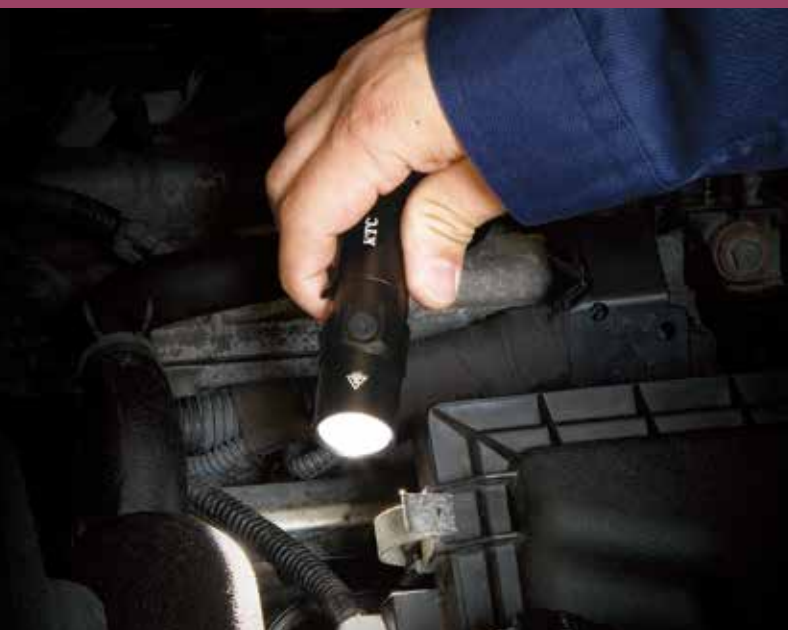
For narrow spaces of the engine room



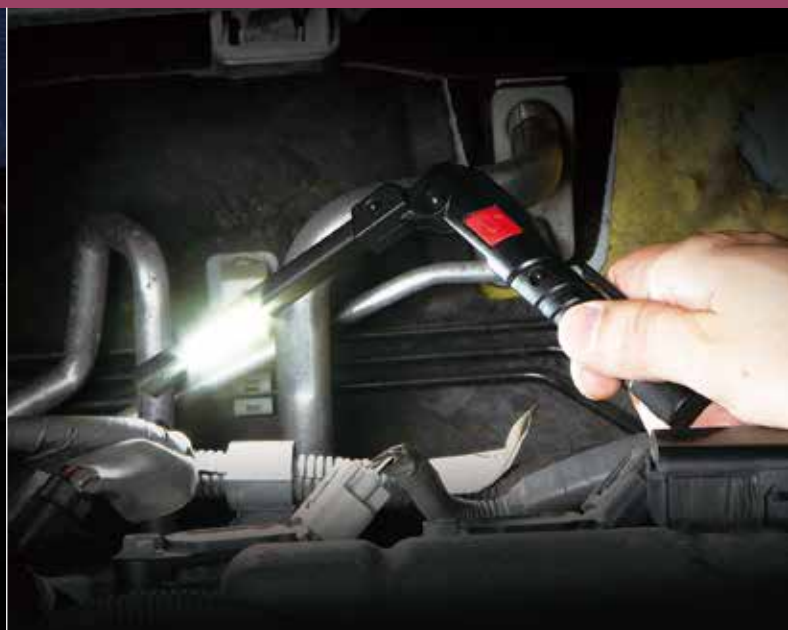
For inspection of the switchboard



► Handy type



For inspection of the engine room, undercarriage



For dark places such as factories and garages



For maintenance and inspection of automotive undercarriage



► Freestanding type



For maintenance of automotive undercarriage



Neck light allows to work with both hands.



Illuminates the work area even in the dark, and allowing you to work with both hands.



The flexible neckband to adjust the fit.



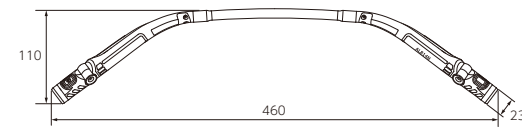
Illuminate specifically by adjusting the angle of the head.



RECHARGEABLE LED NECK LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL814N	320 (Strong)	2.0 (Strong)	140

- Last for about 2 hours with maximum brightness of 320lm.
- Reduce battery purchase costs by using a rechargeable lithium-ion battery.
- Wear around the neck, and illuminate the work area. Use both hands even in the dark places.
- The neckband moves flexibly, so the fit can be adjusted.
- Dimming level: 2 (strong/week)
- Dustproof and waterproof: IP54



AL814N
For more details
*Japanese version only



Stepless flexible head ensures brightness at the desired angle.



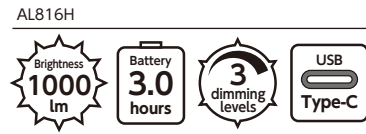
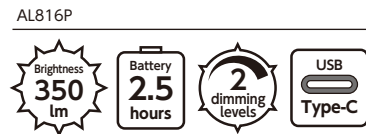
If you use the clip to attach it to your chest pocket, you can use both hands in the dark.



Easy fixation with bottom magnet.



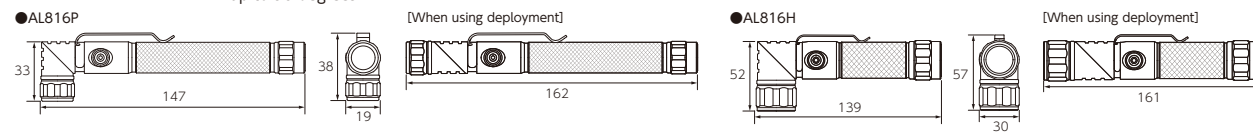
The head part can be rotated steplessly up to 90 degrees.



RECHARGEABLE LED FLEXIBLE LIGHT (PEN LIGHT TYPE / HAND LIGHT TYPE)

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL816P	350 (Strong)	2.5 (Strong)	89
AL816H	1,000 (Strong)	3.0 (Strong)	216

- AL816P lasts for about 2.5 hours with maximum brightness of 350lm.
- AL816H lasts for about 3 hours with maximum brightness of 1000lm.
- Uses a lithium-ion rechargeable battery to reduce battery purchase costs.
- The head part rotates 90 degrees, so available to work while carrying it in such as chest pocket.
- Equipped with a magnet on the bottom for easy fixation.
- Dimmer level: AL816P: 2 levels (strong/weak). AL816H: 3 levels (strong/medium/weak)
- Dustproof and waterproof: IP65



Various ways to use 3WAY

- 1 Pocket**
- 2 Hand**
- 3 Magnet**

Attach it to your pocket

① You can change the direction of the clip and attach it to your chest pocket.

Hold it in your hand

② The non-slip knurling allows you to hold it firmly in your hand and illuminate the area you want to.

Fix it with a magnet

③ It is fixed with a bottom magnet and can be illuminated freely by adjusting the direction of the head.

A light with a head holder that can be used as both a penlight and a headlight.



Use it as a headlight with head holder and work with both hands.



Use it as a penlight to illuminate small areas without the head holder.



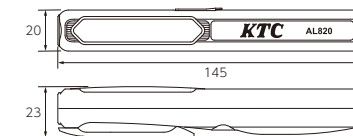
Come with a magnet for convenient fastening of the light.



RECHARGEABLE LED PEN LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL820	380 (Strong)	3.0 (Strong)	50 (main body)

- A dual-purpose pen-shaped head light used for detailed manual work such as car maintenance.
- Use penlight with head holder and work with both hands.
- Last for about 3 hours with maximum brightness of 380lm.
- Equipped with a powerful magnet on the bottom for easy fixation.
- The irradiation angle of the head holder is 120 degrees, allowing for a wide range of irradiation.
- Lighting pattern: top light, main light
- Dimming level: 2 (strong/week)
- Charging terminal: USB Type-C, charging time is approximately 1.5 hours



AL820
For more details
*Japanese version only



The headlight type for working both hands in dark places.



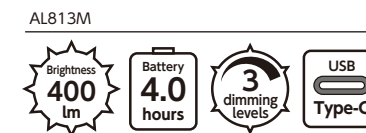
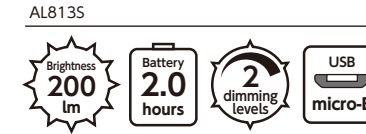
Headlight type for working with both hands in dark places.



The inside of AL813M's headband is anti-slip, making it easy to attach to a helmet and prevent it from falling off.



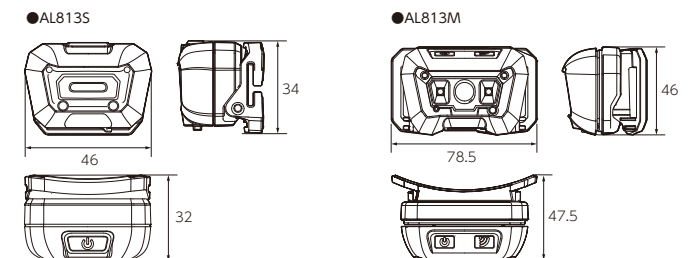
The angle can be adjusted in 3 stages for AL813S and 4 stages for AL813M.



RECHARGEABLE LED HEAD LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL813S	200 (Strong)	2.0 (Strong)	50 (Including headband)
AL813M	400 (Floodlight (Strong))	4.0 (Floodlight (Strong))	111 (Including headband)

- Both hands are free with headlight even in dark place.
- Motion sensor turns on/off without touching.
- AL813S has 3 adjustable stage of the angle. AL813M has 4 adjustable stage of the angle.
- Non-slip tape on the inside of the headband. Easy to put on a helmet and hard to slide off. (AL813M)
- Rechargeable lithium polymer battery.
- Lighting pattern: spotlight, floodlight (AL813M)
- Dimming level: AL813S has 2 levels (strong/weak)
- AL813M has 3 levels (strong/medium/weak) floodlight only
- Charging terminal: AL813S is USB micro-B. AL813M is USB Type-C.
- Charging time is approximately 2.5 hours for both.
- Dustproof and waterproof: IP65
- Accessories: USB charging cable, headband (charger does not included)



AL813S
For more details
*Japanese version only

AL813M
For more details
*Japanese version only



Compact body and excellent portability with satisfying brightness.



The lighting selection switch is separated from the power supply switch and installed on the light side. You can change the lighting pattern without changing your hand.



The charging terminal uses USB Type-C. Equipped with an indicator (red → green) to let you know when charging is complete. (AL815P)

AL815P

Brightness **350 lm**
 Battery **2.3 hours**
 3 dimming levels
 USB Type-C



AL815H

Brightness **1000 lm**
 Battery **1.5 hours**
 4 dimming levels
 USB micro-B



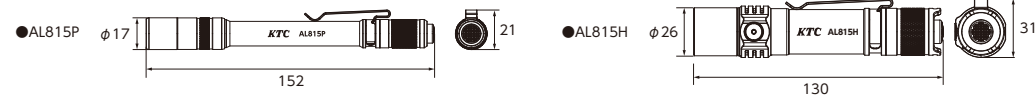
RECHARGEABLE LED PEN LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL815P	350 (Strong)	2.3 (Strong)	52

RECHARGEABLE LED HAND LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL815H	1,000 (Strong)	1.5 (Strong)	135

- Small and slim pen type that can be stored in a chest pocket or pen case.
- Attach to a binder or breast pocket with a pen clip.
- AL815H lasts for about 1.5 hours with maximum brightness of 1,000lm.
- Separate the power switch and selector switch. It is easy to change the lighting pattern while holding the device. (AL815H)
- Dimming level: AL815P has 3 stages (strong/weak/ecology). AL815H has 4 levels (strobe/strong/weak/ecology).
- Charging terminal: AL815P is USB Type-C, charging time is approximately 2.5 hours. AL815H is USB micro-B, charging time is about 4 hours.
- Dustproof and waterproof: AL815P is IP66. AL815H is IP68.



AL815P For more details *Japanese version only

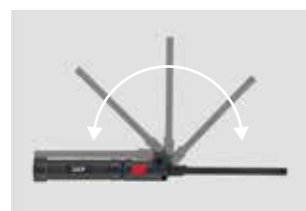


AL815H For more details *Japanese version only

Foldable light with 3 types of LED lights.



Easy fixation with a magnet on the bottom. (Common to AL815V and AL815W)



The angle can be adjusted steplessly by 180°. Fold compactly and store in your breast pocket or pencil case. (Common to AL815V and AL815W)



It can be used for different purposes. Main light can illuminate even when folded. Sub light is on the back of main light. Top light is on the tip.

AL815V

Brightness **100 lm**
 Battery **3.0 hours**
 2 dimming levels
 USB Type-C



AL815W

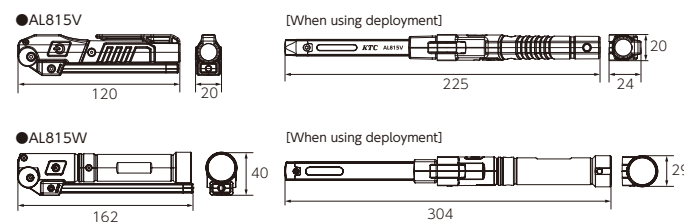
Brightness **800 lm**
 Battery **2.5 hours**
 2 dimming levels
 USB Type-C



RECHARGEABLE LED FOLDING LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL815V	100 (Main light (strong), sub light)	3.0 (Top light, main light (strong), sub light)	60
AL815W	800 (Main light (strong))	2.5 (Main light (strong))	193

- Folding type with 180° stepless opening and closing.
- Equipped with one magnet on the bottom. Can be attached to magnetic walls, pillars, fixtures, etc.
- Compact size for lighting narrow space.
- Lighting pattern: top light, main light, sub light
- Dimming level: AL815V has 2 levels (strong/weak) Main light only. AL815W has 2 levels (strong/weak) main light, sub light only.
- Charging terminal: AL815V is USB Type-C, charging time is approximately 2.5 hours. AL815W is USB Type-C, charging time is about 4 hours.
- Dustproof and waterproof: AL815V is IP2X. AL815W is IP54.



AL815V For more details *Japanese version only



AL815W For more details *Japanese version only

900lm light source improves efficiency in dark places and night work.



Effective in narrow and recessed areas.



Easy fixation with a magnet on the bottom.



The bottom of the magnet rotates freely and can be easily fixed.



The LED has two-color dimming (white/warm). It can be used differently depending on the work environment, and it is also possible to light up two colors at the same time.



Equipped with two hooks on the back. It can be hung both vertically and horizontally for illumination.

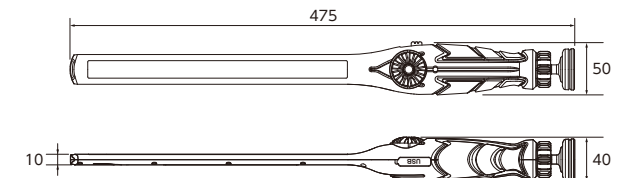
Brightness **900 lm**
 Battery **1.6 hours**
 Stepless dimming levels
 USB micro-B



RECHARGEABLE LED SLIM LIGHT

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL810	900 (Intermediate color)	1.6 (Intermediate color)	310

- Last for about 1.6 hours with maximum brightness of 900lm.
- Adjust the light color using the knob on the right side of the main unit.
- Equipped with a powerful magnet on the bottom for easy fixation.
- Equipped with 2 hooks for hanging.
- Equipped with a weak magnet on the top of the main unit. Useful for picking up small parts dropped in narrow spaces.
- Lighting pattern: white, warm color, neutral color
- Dimming level: stepless (dial type)
- Charging terminal: USB micro-B, charging time is approximately 2.8 hours.
- Dustproof: IP5X



AL810M For more details *Japanese version only

360 degree swing. Lightweight and compact floor light.



3 types of lighting patterns to brightly illuminate the entire work area.



Equipped with a magnet on the bottom of the stay.



Light part rotates 360 degrees and fix the angle in 30 degree increments.

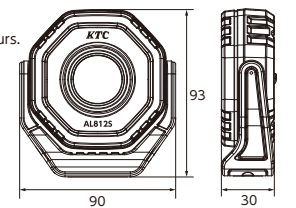
Brightness **700 lm**
 Battery **2.0 hours**
 3 dimming levels
 USB Type-C



RECHARGEABLE LED FLOOR LIGHT S

No.	Light source (lm)	Continuous work time (h)	Weight (g)
AL812S	700 (Strong)	2.0 (Strong)	243

- Light part rotates 360 degrees. The angle can be fixed in 30 degree increments.
- Equipped with a powerful magnet on the bottom for easy fixation.
- Dimming level: 3 levels (strong/medium/weak)
- Charging terminal: USB Type-C, charging time is approximately 4 hours.
- Dustproof and waterproof: IP65



AL812S For more details *Japanese version only