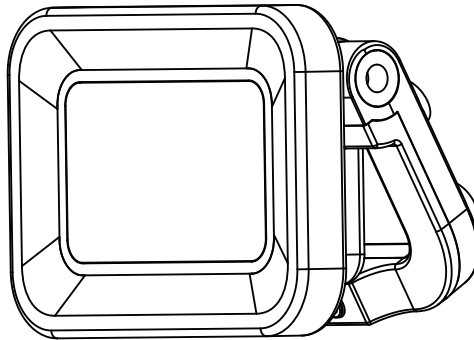


INSTRUCTIONS

TUFFY INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com



TUFFY

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WARNING:

Operating temperature: 0°C to 40°C (32°F to 104°F).

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire or serious injury.

- a) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- b) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- c) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- d) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- e) Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
- f) Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- g) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- h) Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

Listed Class 2 Power Unit

WARNING – When using flashlights or lanterns, additional precautions should always be followed, including the following.

- a) To reduce the risk of injury, close supervision is necessary when a product is used near children.
- b) Do not contact hot parts.
- c) Only use attachments recommended or sold by the manufacturer.
- d) Do not use in rain.
- e) To reduce the risk of electrical shock, do not put in water or other liquid. Do not place or store product where it can fall or be pulled into a tub or sink.
- f) **WARNING:** To reduce the risk of injury, do not stare at operating lamp. Serious eye injury could occur.

INSTRUCTIONS

TUFFY INSTALLATION



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INSTALLATION INSTRUCTION

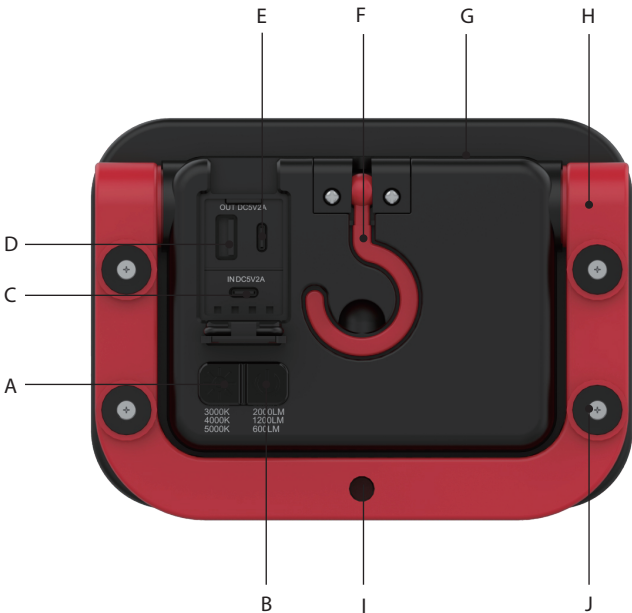
Remove all packaging materials from the product.
Fully charge the rechargeable battery prior to first use. The charging process takes about 5 hours when the battery was drained. The rechargeable battery is firmly integrated into the base of the product.

TUFFY Discharge Time

Output Flux	Ambent Temperature	Discharge Time
2000lm	25°C	3hours
	40°C	1hours
1200lm	25°C	6hours
	40°C	2hours
600lm	25°C	12hours
	40°C	12hours

The "Discharge Time" is constant lumen output lasting time.

It can be used to charge small electronics devices with USB-A /USB-C for charging in case of emergency. The total output charging current requires can not exceed 2A. Carefully read the instructions for use of the device you wish to charge.



Part	Description	Part	Description
A	CCT selected button	F	Hook
B	Lumen selected button	G	Lamp body
C	Input USB-C port	H	Lamp stand
D	Output USB-A port	I	Tripod stand port
E	Output USB-C port	J	Magnet

Selected the CCT and Lumen output
CCT Selected : 3000/4000/5000K
Lumen Selected : 600/1200/2000lm

Lumen selected button	Mode
Press 1x	Work light 2000lm brightness
Press 2x	Work light 1200lm brightness
Press 3x	Work light 600lm brightness
Press 4x	Switch off the light

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

INSTRUCTIONS

TUFFY INSTALLATION

RAB®

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APPLICATIONS

To adjust the light direction, rotate stand and work light body to suitable position. Stand can be rotated 270 degrees and work light body can be rotated 360 degrees.

Just put in on the Table (Fig. 1)

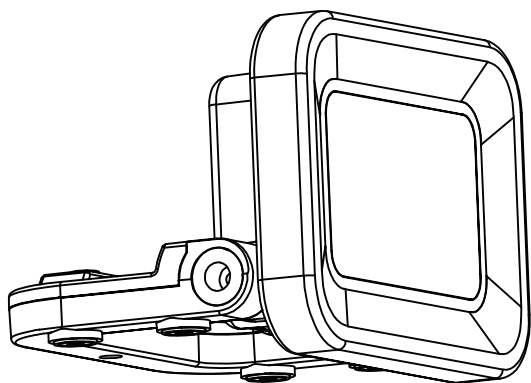


Fig. 1

The product is equipped with 4 magnets at the bottom of stand. The product can be attached to magnetisable surfaces with all those magnets (Fig. 2)

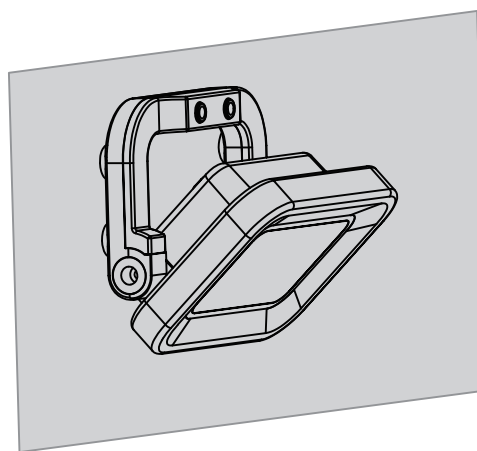


Fig. 2

Hanging with hook (Fig. 3)

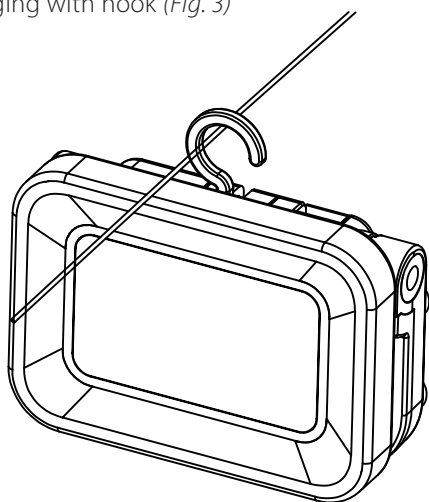


Fig. 3

Compatible With Tripod Stand (Fig. 4) (Optional)

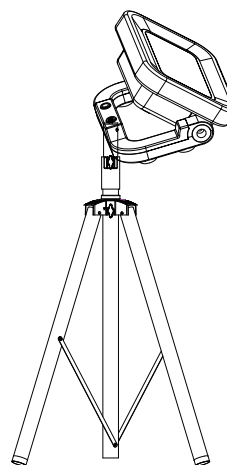


Fig. 4

Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@rablighting.com

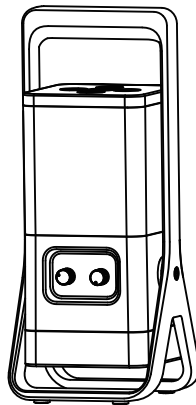
Free Lighting Layouts
Answered online or by request

INSTRUCTIONS

TUFFYXL INSTALLATION



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TUFFYXL

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WARNING:

Operating temperature: 0°C to 40°C (32°F to 104°F).

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire or serious injury.

- a) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- b) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- c) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- d) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- e) Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
- f) Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- g) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- h) Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

Listed Class 2 Power Unit

WARNING – When using flashlights or lanterns, additional precautions should always be followed, including the following.

- a) To reduce the risk of injury, close supervision is necessary when a product is used near children.
- b) Do not contact hot parts.
- c) Only use attachments recommended or sold by the manufacturer.
- d) Do not use in rain.
- e) To reduce the risk of electrical shock, do not put in water or other liquid. Do not place or store product where it can fall or be pulled into a tub or sink.
- f) **WARNING:** To reduce the risk of injury, do not stare at operating lamp. Serious eye injury could occur.

INSTRUCTIONS

TUFFYXL INSTALLATION



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INSTALLATION INSTRUCTION

Remove all packaging materials from the product.
Fully charge the rechargeable battery prior to first use. The charging process takes about 8 hours when the battery was drained. The rechargeable battery is firmly integrated into the base of the product.

TUFFYXL Discharge Time

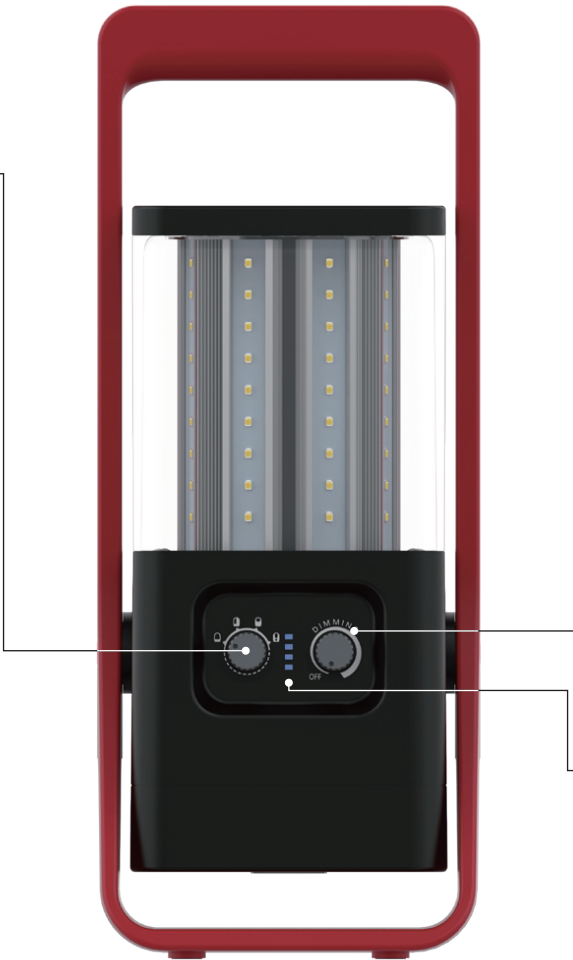
Output Flux	Ambent Temperature	Discharge Time
4000lm	25°C	4hours
	40°C	4hours
2000lm	25°C	8hours
	40°C	8hours
800lm	25°C	12hours
	40°C	12hours

The "Discharge Time" is constant lumen output lasting time.

Output USB-A and USB-C, total 2A max as power bank.
Input USB-C: 5V == 3.0A, 9V == 2.0A, 12V == 1.5A, 15V == 2.0A, 20V == 1.4A.



- " " Mode**
360° light on the side of the device, no light on the top.
- " " Mode**
180°light on the side of the device, no light on the top.
- " " Mode**
Light on the top of the device, no light on the side.
- " " Mode**
Light on the top of the device, flashing once every 0.4 seconds, no light on the side.



Resistive switching and dimming, min is off, max is 100%.



Battery indicator, 25% per grid.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

INSTRUCTIONS

TUFFYXL INSTALLATION



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APPLICATIONS

Application 1
Portable (Fig. 1)

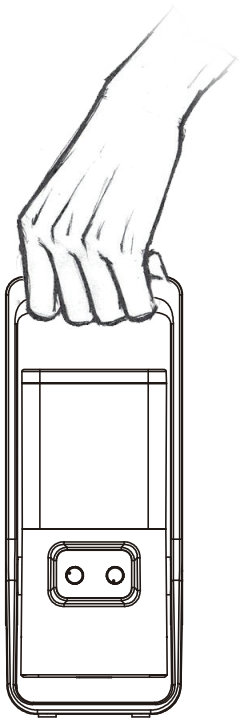


Fig. 1

Application 2
Hanging with hook
(Fig. 2)

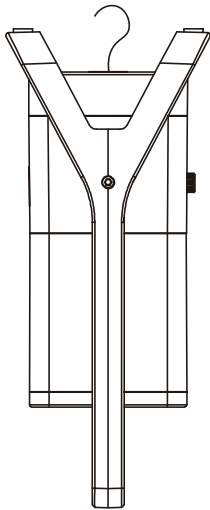


Fig. 2

Application 3
Hanging with eyebolt (Fig. 3)
(Optional)

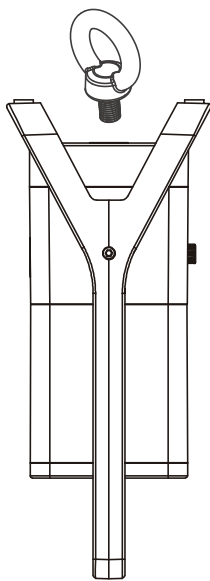


Fig. 3

Application 4
Tripod stand (Fig. 4)
(Optional)

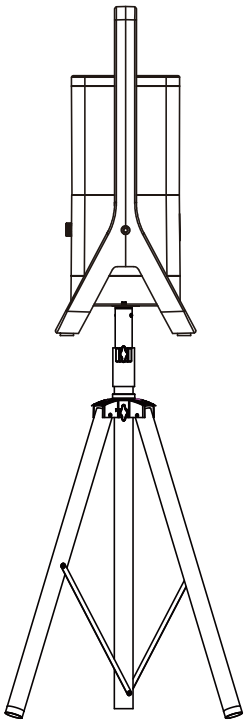


Fig. 4

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Free Lighting Layouts
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RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.