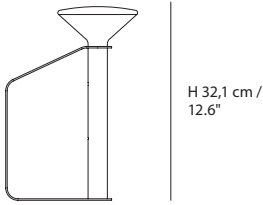




PITON PORTABLE LAMP – EU VERSION

TOM CHUNG ON THE DESIGN “My idea for Piton started from the desire to create a rechargeable portable lamp that could be adapted in a multitude of ways while functioning in various environments. I wanted the design to fulfill the inherent needs of a torch; providing security and warmth while clearly illuminating your field of vision. Piton takes its name from a climbing apparatus that is jammed into cracks and crevices on mountainsides to which the climber can attach hooks, tools and ropes while rigging it in various positions; an element that is also present in the design of the Piton Portable Lamp. Featuring an LED light source and diffuser, the Piton Portable Lamp can provide direct as well as ambient lighting alongside the steel counterweight in its handle allowing for it to rest in a variety of positions. In short, the Piton Portable Lamp seeks to encourage its user to explore their surroundings.”



H 32,1 cm /
12.6"

W 21,8 cm / 8.6"
Ø 13,2cm / 5.2"



Black



Aluminum

DESIGNED BY / YEAR OF DESIGN

Tom Chung / 2022

ABOUT THE DESIGNER

Tom Chung is an independent industrial designer who established his eponymous studio in 2016. Based in Toronto, the studio maintains a focus on industrial objects and interior spaces. Forming a unique design process that combines contemporary culture and local industry, the studio creates context driven industrial design pieces for domestic, institutional and public environments.

CATEGORY

Portable battery-powered lamp

ENVIRONMENT

Indoor & outdoor

COUNTRY OF PRODUCTION

China

DESCRIPTION

Piton is an untraditional take on the battery-powered portable lamp, playfully referencing the archetypal flashlight. Refined anodized extruded aluminum enhances its elegant form and distinct functionality inspired by tools used for mountain climbing. It is a versatile ambient light with 6 hours of battery life on 100% brightness and 13,5 hours on 50% brightness, that can be used lying, standing, tilting on a shelf or suspended, depending on the space or spot you want to illuminate, effortlessly moving between indoors and outdoors.

MATERIAL

Battery-powered, dimmable and portable lamp with 6 hours of battery life on 100% brightness and 13,5 hours on 50% brightness. Body made from anodized extruded aluminum. Lampshade made in injection-molded plastic with an integrated and replaceable LED light bulb. Comes with a woven fabric USB-C cable for charging.

USB-C CABLE LENGTH

300 cm / 118.1"

BULB INCLUDED

Yes. Integrated, dimmable, replaceable LED module.

DIMMABLE FUNCTION

Yes

CLEANING AND CARE

Clean with a moist cloth. If necessary use a little dish soap on the cloth.

IP RATING

The Piton Portable lamp is suitable for outdoor use with an IP54 rating. The lamp is protected and tested against solid foreign objects, such as dust ingress, as well as liquids, such as water splashes from all angles.

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LAMP RATING

Rating	5V DC, 3,2W
Charging	5V DC, 1,5A
IP Rating	IP54
Classification	Class III
Socket	Integrated, replaceable LED module

BULB SPECIFICATION

Item	Integrated, replaceable LED module
Watt	3,2W
Lumen	210 lm
Kelvin	2700K
Lumen maintenance (70%)	L70 75.000h
CRI	>90
Dimmable	Yes - stepless 100-10%
Battery Life-time	6h at 100% brightness

BATTERY SPECIFICATION

Type	Li-ion 18650
Capacity	5200 mAh (2x2600 mAh)
Voltage	3,7V DC
Charging	5V DC, 1A
Charging Time	6h 15m at 1A



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GENERAL STANDARDS & CERTIFICATES

EACU

TR EAEU 037/2016 - On Restricting use of hazardous substances in electrical products

TR CU 020/2011 - Electromagnetic compatibility of technical equipment

GOST-12.2.007.12-88 - Occupation safety standards system. Chemical sources of electric energy

GOST R-IEC 62133-2-2019 / IEC 61960-3-2019 - Safety requirements for portable sealed secondary cells

EU

EN IEC 55015:2019+A11:2020 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN IEC 61000-3-2 - Electromagnetic compatibility (EMC) - Part 3-2

EN IEC 61000-3-3 - Electromagnetic compatibility (EMC) - Part 3-3: Limits

EN IEC 61547:2009 - Equipment for general lighting purposes, EMC immunity requirements

UK

BS EN IEC 55015:2019 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

BS EN IEC 61000-3-2 - Electromagnetic compatibility (EMC) - Part 3-2

BS EN IEC 61000-3-3 - Electromagnetic compatibility (EMC) - Part 3-3

BS EN IEC 61547:2009 - Equipment for general lighting purposes, EMC immunity requirements

IP54

IEC 60529:1989+AMD1:1999+AMD2:2013 - Degrees of protection provided by enclosures (IP Code)

AUS/NZL

AS/NZS 60598.1 - Luminaires Part I: General requirements and tests

AS 60598.2.4 - Luminaires Particular requirements, Portable general purpose luminaires

AS/NZS 61347.1 - Lamp control gear - Part 1

AS/NZS 61347.2 - Lamp control gear, Part 2.13

IEC 62031:2018 - LED modules for general lighting - Safety specifications

IEC TR 62778: 2014 - Assessment of blue light hazard to light sources and luminaires

AS CISPR 15:2017 - Limits and methods of measurement of radio disturbance (EMC)

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