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2012 IMPRESSION



KLARUS Company Profile

KLARUS LIGHTING TECHNOLOGY (HONG KONG) CO. LTD is a leading manufacturer of state-of-the-art illumination tools, which have been designed to meet the extreme demands of Law Enforcement and the Military, but sensibly priced for general outdoor use.

Located in Shenzhen, Guangdong, China, Klarius is comprised of a highly experienced R&D team and some of the brightest and most creative designers and engineers in the industry. With such a strong team of innovators, Klarius has quickly become a leader in regulated circuit efficiency technology.

You can expect a Klarius flashlight to be extremely durable and reliable, with an ability to excel in all weather conditions. Every Klarius flashlight is innovative, precision-machined and uses Klarius' own regulated circuits to ensure optimum performance and efficiency – delivering a balance of high brightness and long run time.

Main features

1. Ergonomic design and simple, Intuitive User Interface (UI)

- Some Klarius flashlights have dual switches for easy operation and multiple outputs.
- Multiple outputs include very useful modes, such as Strobe, SOS and Beacon, which meet the needs of various users.

2. High electrical efficiency

- Making best use of limited battery power for optimum performance - high brightness and long runtime.
- Klarius lights maintain constant brightness, so no dimming occurs when the battery depletes.

3. Innovative Design

- XT10 is the world's first dual-button tail switch flashlight.
- XT10R is the first dual head, super powerful tactical flashlight.
- MX5 is the world's smallest, brightest, multi-output AAA flashlight.
- MX6 is the world's smallest, brightest, multi-output AAA flashlight.
- ED10 is the world's first dual-button, multi-mode remote pressure switch.

4. Outstanding optics system

- Perfect combination of throw and flood.

5. Efficient heat dissipating system

- The working operation of the LED, circuit and battery has been optimized to guarantee each Klarius flashlight to work safely.

6. Top quality materials

- Klarius uses only the highest quality LED, aircraft-grade aluminum and anti-reflective coating for the lenses to ensure Klarius flashlights excel in all weather conditions.

7. IPX-8 Waterproofing and Type III Hard Anodizing

- Klarius makes all its flashlights water-resistant, durable and scratch-resistant.

8. Strict quality management

- All flashlight parts are strictly inspected and managed throughout the entire production process.
- Klarius use ANSI/NEMA FL1-2008 flashlight standards to deliver accurate specifications.



Dual Head, Dual Button Tail Switch Super Bright Tactical Flashlight



XT20
Max **1200 Lumens**

ANSI/NEMA FL1			
Max light output	Max runtime	Impact resistant	Waterproof and submersible

The new Klarus XT20 is a super bright tactical flashlight that has two heads to produce a wider, more intense beam than single head flashlights. Each head contains a high power CREE XML U2 LED, which allows the XT20 to emit 1200 lumens with 2x 18650 batteries. This makes it the brightest 2x 18650 flashlight in the world, when compared with other flashlight of its size.



Dual button tail switch for quick and hands-free access to both heads. It's easy to find in different places and the buttons are easy to focus in the dark.

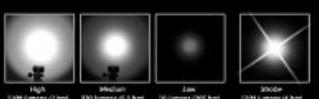


Weapon mountable
Quick release switch

Scope mountable
pressure switch for remote control



Battery: 2x 18650 or 4x CR123A



4 lighting modes and strobe mode

The new XT20 uses the innovative XT series dual-button tail switch, which provides very fast access to strobe making it perfect for self-defense or Close Quarters Battle (CQB). The easy-to-use dual-button tail switch also allows you to fully operate the light with one hand. So you don't need to fiddle with buttons in hard to reach places.

With so much bright light, an intense strobe effect and slender design, the XT20 is an ideal choice for searching (Police and Search & Rescue), CQB, exploration and as an automobile standby flashlight. It can be weapon mounted and used with the Klarus HCD10 pressure switch for remote activation and control.

- * Entire length: 216.8 mm
- * Head dimension: 48 mm (length) x 67.3 mm (width) x 33.5 mm (height)
- * Body dimensions: 170mm (length) x 26mm (diameter)
- * Net weight: 250g (excluding battery)
- * Material: Aerospace grade aluminum. Hard anodized anti-abrasive finish

For Hunting, Military Use, Self-defence



XT11

Max **600** Lumens

ANSI/NEMA F1



Following the worldwide success of the Klarus XT10, which was the first Klarus flashlight to use the innovative dual button tail switch, Klarus has raised the bar yet again with the XT11.

Like the XT10, the XT11 benefits from Klarus' dual button tail switch for complete one-hand control and lightning-fast access to strobe. It uses a powerful Cree XM-L U2 LED and outputs a maximum 600 ANSI lumens. A stainless steel strike bezel is included, which can be unscrewed and removed for attaching accessories, such as colored filters for hunting, military use, map reading, etc. The ED10 remote pressure switch is also compatible with the XT11.



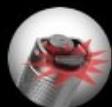
Click for more info
Close-up of the tail switch



Mode switch in the off position
Main switch is easy to find in the dark and will be pressed by default when pressing the tail of the light.



Detachable stainless steel strike bezel



Strobe can be activated with the Mode switch when the flashlight is on/off, giving instant access to strobe from any mode.



Detachable head accessory design allows accessories such as colored filters to be securely attached to the XT11.



Red Filter Green Filter Blue Filter White Filter



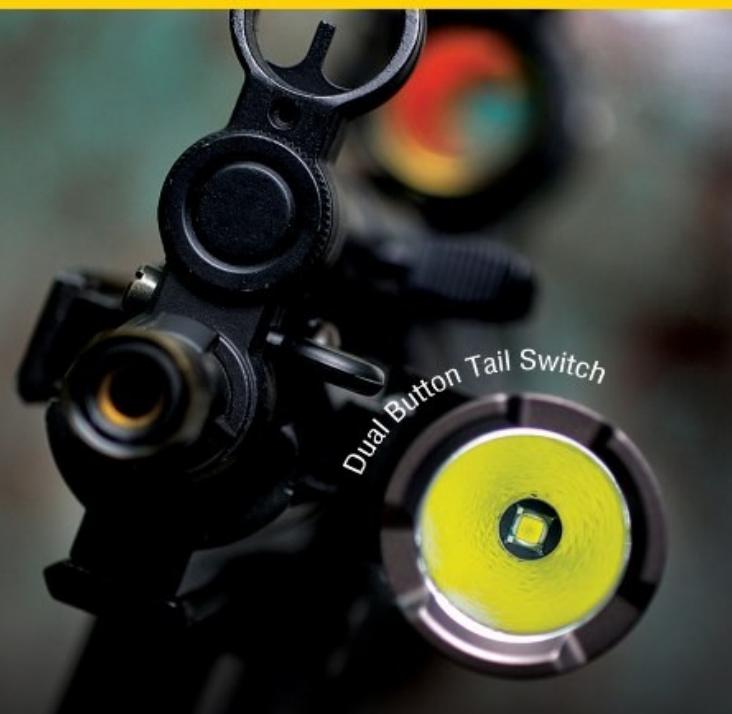
Forward tactical main switch with momentary activation



Battery: 1x16650/2xCR123A/2x10340

Feature

1. Uses a Cree XM-L U2 LED, which delivers a maximum output of 600 ANSI lumens.
2. New circuit design delivers both high brightness and long runtime (full brightness is constant for 3 minutes, then the brightness will drop to 70% of full brightness).
3. Dual button tail switch for quick, one-hand operation. No need to fiddle with switches in two different places.
4. Mode switch provides good tactile feedback and is very easy to locate in the dark.
5. Strobe can be activated with the Mode switch when the flashlight is on/off, giving instant access to Strobe from any mode.
6. Forward tactical main switch with momentary activation.
7. Maintains constant brightness with super high efficiency.
8. Max run time: 200 hours (1.25 days) on low.
9. Reverse polarity protection protects flashlight and battery from damage.
10. Battery head spring and tailcap spring: two springs ensure the battery is better protected.
11. Detachable head accessory design allows accessories such as colored filters to be securely attached to the XT11.
12. Detachable stainless steel strike bezel.



Dual Button Tail Switch

The **FIRST** multi-output remote pressure switch in the world

Remote Pressure Switch **ED10**

It fits on XT10,XT11,XT20



XT10

Max **470** Lumens

The dual button tail switch XT10 Tactical Flashlight is designed to meet the extreme demands of Law Enforcement and the military but is also perfect for general outdoor use.

Feature:

1. Dual button tail switch for quick, one-hand operation, no need to fiddle with switches in two different places
2. Mode switch provides good tactile feedback and is very easy to locate in the dark
3. Switch can be activated with the mode switch when the flashlight is on or off giving instant access to Strobe from any mode
4. Reverse polarity protection protects flashlight and battery from damage
5. Reversible tactical main switch with momentary activation
6. Maintains constant brightness with super high efficiency
7. Dual output: 470 Abs Lumens on High
8. Max run time: 300 hours (12.5 days) on Low8. Reverse polarity protection protects flashlight and battery from damage

ANSI/NEMA F1



Reverse polarity protection
Reversible tactical main switch
Dual output
Instant access to strobe

ANSI/NEMA F1

Tactical EDC for civilian, military, police, or SWAT

The new XT series flashlights from Klarus are serious precision-engineered illumination tools, which have been developed with tactical use and self-defense in mind. Part of the XT (Extreme Tactical) range, which includes the popular XT10 and XT20, this new XT2C is a true Tactical EDC. Being smaller than the XT10, it is easy to carry in a pocket or bag.

Despite being smaller, the XT2C packs the same punch as the XT10 – outputting a maximum 470 ANSI lumens with either 2x CR123, 1x 18650 or 2x 16340 batteries. It uses Klarus's innovative dual-position tail switch (as seen on the XT10 and XT20 models) to allow for fast mode changes [from High to Medium and Low] and provides lightning-quick access to a super bright and disorienting strobe – making the XT2C an amazing self-defense flashlight.



Battery: 2x CR123, 1x 18650, 2x 16340



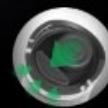
Tactical EDC **XT2C**

Max **470** Lumens

ANSUNEMA F1



On the main switch, turn clockwise to lock.



Mode switch can be turned clockwise to lock.



Strobe can be activated with the Mode switch when the flashlight is on or off, giving instant access to Strobe from any mode.



Forward tactical main switch with momentary activation.

Intense beam with good throwability.

Tactical EDC for civilian, military, police, or SWAT

Feature:

1. Dual button tail switch for quick, one hand operation
2. Main switch is easy to find in the dark and will be pressed by default when pressing the tail of the light
3. Mode switch is at a lower level than the main switch and provides good tactile feedback
4. Strobe can be activated with the Mode switch when the flashlight is on or off, giving instant access to Strobe from any mode
5. Forward tactical main switch with momentary activation
6. Maintains constant brightness with very high efficiency T6 LED - reverse polarity protection protects the flashlight and battery from damage when a battery is inserted incorrectly



XT2A Max 245 Lumens

1) Cree XP-G R5 LED with a lifespan of up to 60,000 hours
 2) Three lighting modes and 1 flashing mode
 3) Strobe lighting mode: 245 Lumens (1.5hrs)
 4) IP68 rating (Waterproof)
 5) Output current: 300mA
 6) Available batteries: 2xCR123A (2hrs)
 7) Battery: 2xCR123A AA Alkaline or Ni-MH (not included), 1x4000 mAh Li-ion
 Batteries will destroy the light
 8) Dimensions: 100mm (Length) x 24mm (Head) x 22.5 (Body)
 9) Net weight: 79g (Excluding battery)
 10) Water resistance: IP68 Standard



XT1A Max 150 Lumens

1) Cree XP-G R5 LED with a lifespan of up to 60,000 hours
 2) Three lighting modes and 1 flashing mode
 3) Strobe lighting mode: 145 Lumens (1.5hrs)
 4) IP68 rating (Waterproof)
 5) Output current: 300mA
 6) Available batteries: 2xCR123A (2hrs)
 7) Battery: 2xCR123A AA Alkaline or Ni-MH (not included), 1x4000 mAh Li-ion
 Batteries will destroy the light
 8) Dimensions: 98mm (Length) x 24mm (Head) x 22.0 (Body)
 9) Net weight: 79g (Excluding battery)
 10) Water resistance: IP68 Standard



XT1C Max 245 Lumens

1) Cree XP-G R5 LED with a lifespan of up to 60,000 hours 2) Three lighting modes and 1 flashing mode
 3) Strobe lighting mode: 245 Lumens (1hrs)
 4) IP68 rating (Waterproof)
 5) Output current: 300mA
 6) Available batteries: 2xCR123A (2hrs)
 7) Battery: 1xCR123A
 8) Dimensions: 98 mm (Length) x 24mm (Head) x 22.5 (Body)
 9) Net weight: 79g (Excluding battery)
 10) Water resistance: IP68 Standard

Main switch is easy to find in the dark and will be pressed by default when pressing the tail of the light.



Mode switch can be activated with the Mode switch when the flashlight is on or off, giving instant access to Strobe from any mode



Forward tactical main switch with momentary activation

Gold vacuum plating for sheer opulence



Gold has long been a symbol of wealth, beauty, and immortality. Klarus has adopted this ancient symbol by utilizing gold vacuum plating on their newest piece of illumination technology. The "Midas Torch" is incredibly unique and reliable.

MiX5 Au Mini Midas Torch

Max **76** Lumens

ANSI/NEMA F11			
	Max light output		Max runtime
	Impact resistant		1.5m
	Waterproof		2m submersible

Gold has long been a symbol of wealth, beauty, and immortality. Klarus has adopted this ancient symbol by utilizing gold vacuum plating on their newest piece of illumination technology. The "Midas Torch" is incredibly unique and reliable.

The Midas Torch looks just as elegant in the pocket of a gentleman's trouser or in a ladies handbag, as it does in a tackle box on your keychain, or in the glove box of an auto mobile.

The Midas Torch will be produced in a limited edition, and in the world of lighting this rugged, highly functional piece of jewelry will soon become an exquisite collector's item.



The stainless steel body of The Midas Torch has been manufactured in an exclusive vacuum environment with multiple layers of solid gold plate assuring a superior, tough wear and scratch resistant exterior for extended service life.

MiX6 Au Mini Midas Torch

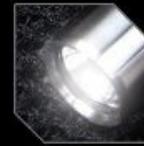
Max **85** Lumens

ANSI/NEMA F11			
	Max light output		Max runtime
	Impact resistant		1.5m
	Waterproof		2m submersible

One of the smallest, brightest and multi-output
AAA flashlights in the world



Trunk body for corrosion resistance and heat dissipation



Digital regulation output, with no PWM flicker and flickering-free constant light output



Tightenable, convenient one-hand operation



- Output Power
 - Nichia CREE XP-G R5 LED with a lifespan of up to 50,000 hours
 - Four output modes (10, 17, 20, 85 Lumens)
 - Strobe (68 flashes)
 - DC (0.5 seconds)
 - Strobe 0.5 seconds (2.0 Hz)
- Runtime: 1x AAA NiMH 3.0V, 900 mAh, 100% load is not recommended
- Switch: Twist switch. Switch mode by loosening and tightening the screw head.
- Lens: Toughened ultra-clear glass
- Reflector: Tinted orange reflector
- Body Material: Stainless Steel
- Dimensions: 71 mm (length) x 12.7 mm (dia) x 21.8 mm (body)
- Weight: 10g (Excluding battery)
- Water proof to IPX-8 standard (2 meters)

High Performance LED Flashlight



Klarus Professional lights are high power LED flashlights that have been specifically designed for professional work and outdoor leisure. Built to Military specifications and using aircraft grade aluminum, they are tough, reliable, waterproof and lightweight. When you need an all-weather flashlight for work or outdoor tasks, trust your Klarus Professional.



Twisty switch, convenient one-hand operation



P2A Professional Max 245 Lumens



Specification

- Cree XP-G R5 LED with lifespan of 50,000 hours
- Twisty switch
- Max output: 245 lumens @ 15hrs
- Low output: 25 lumens @ 15hrs
- Working voltage: 1.8V~3.0V
- Battery: 1x 18650 AAAA (Ni-MH)
- Dimensions: 155mm (Length) x 22mm (Body)
- Weight: 35g (Without battery)
- Waterproof: IPX-8 Standard

P1A Professional Max 150 Lumens



Specification

- Cree XP-G R5 LED with lifespan of 50,000 hours
- Twisty switch
- Max output: 150 lumens @ 15hrs
- Low output: 15 lumens @ 15hrs
- Working voltage: 1.8V~3.0V
- Battery: 1x 18650 AAAA (Ni-MH)
- Dimensions: 139mm (Length) x 22mm (Body)
- Weight: 35g (Without battery)
- Waterproof: IPX-8 Standard

P1C Professional Max 245 Lumens



Specification

- Cree XP-G R5 LED with a lifespan of 50,000 hours
- Rechargeable
- Non-Rechargeable
- Max output: 245 lumens @ 15hrs
- Low output: 25 lumens @ 15hrs
- Working voltage: 1.8V~3.0V
- Battery: 1x 18650 AAAA (Ni-MH)
- Dimensions: 139mm (Length) x 22mm (Body)
- Weight: 35g (Without battery)
- Waterproof: IPX-8 Standard

The FIRST fast access strobe remote pressure switch in the world



Remote Pressure Switch **TR11**
It fits on XT1A, XT1C, XT2A

The TR11 remote pressure switch has been created for the Klarus XT series flashlights to make them more multi-purpose. The TR11 will fit the XT1C, XT1A and XT2A models to create a compact gun light for military use, hunting and airsoft. Unlike many other remote pressure switches, the TR11 has two buttons on the pressure pad, which will give you full control over the light. Attach your XT series flashlight using the TR11 remote switch to your side to light-up a dark trail or road straight.



Provides multiple outputs and tactical momentary-on function.
The constant-on switch also provides access to High-Mid-Low modes and strobe.



Strobe function can be accessed by just clicking once in any mode, including off mode.



Remote Pressure Switch **TR12**
It fits on XT2C

The TR12 remote pressure switch has been created for the Klarus XT series flashlights to make them more multi-purpose. The TR12 will fit the XT2C model to create a compact gun light for military use, hunting and airsoft. Unlike many other remote pressure switches, the TR12 has two buttons on the pressure pad, which will give you full control over the light. Attach your XT series flashlight using the TR12 remote switch to your side to light-up a dark trail or road straight.

Warranty Terms

Klarus guarantees this flashlight against defects in material and workmanship. At the discretion of Klarus, flashlight products that are found to be defective under normal use within 2 years of the point of purchase date will be repaired or replaced without charge. This warranty does not cover damage caused by abuse, unreasonable use or product alteration.

If a flashlight should prove defective, the product will be repaired or replaced, under the above terms. Please contact your authorized Klarus retailer for warranty return instructions or contact Klarus at service@klaruslight.com

FLASHLIGHT SPECIFICATIONS



Model	XT20	XT11	XT10	XT2C	XT2A	XT1A	XT1C	P2A	P1A	P1C	Mix6 Ti	Mix6 Au	Mix5 Au
LED	Cree XM-L U2	Cree XM-L U2	Cree XM-L T6	Cree XM-L T6	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-G R5	Cree XP-E R2
Max Output	1200 lumens	800 lumens	470 lumens	470 lumens	245 lumens	150 lumens	245 lumens	245 lumens	150 lumens	245 lumens	85 lumens	85 lumens	76 lumens
Max Runtime	205 hrs	285hrs	300 hrs	285hrs	130hrs	50hrs	70hrs	33hrs	20hrs	18hrs	66 hrs	66 hrs	28 hrs
Adjusting	3 lighting levels, 1 flashing mode	2 lighting levels	2 lighting levels	2 lighting levels	3 lighting levels, 1 flashing mode	3 lighting levels, 1 flashing mode	3 lighting levels, 1 flashing mode						
Battery	2*18650, 4*CR123A	4*18650, 2*CR123A, 2*16340	1*18650, 2*CR123A, 2*16340	1*18650, 2*CR123A, 2*16340	2*AA	1*AA	1*CR123A	2*AA	1*AA	1*CR123A	1*AAA	1*AAA	1*AAA
Waterproof	IPX0	IPX0	IPXB	IPXB	IPX0	IPXB	IPXB	IPX0	IPX0	IPX0	IPX0	IPX0	IPX0
Size	170*26mm	110*31.9mm	143*36mm	132*26.4mm	163*24mm	116*24mm	99*24mm	155*23mm	105*23mm	89*23mm	71.6*12.7mm	71.6*12.7mm	65.6*9.2mm
Weight	250g	172g	118g	88g	75g	53g	47g	73g	57g	54g	18g	18g	18g