

<b>Universe</b>	Tactical
<b>Type</b>	Lighting
<b>Category</b>	High performance headlamps
<b>Subcategory</b>	Headlamps



## DUO RL

Designed for technical rescue and tactical operations, the DUO RL rechargeable headlamp provides 2800-lumen brightness. With its REACTIVE LIGHTING® technology, a sensor analyzes the ambient light and automatically adjusts brightness to user requirements. Manual operation is minimized and burn time is optimized, so users can remain focused on their activity. The aluminum lamp body provides excellent impact resistance. The DUO RL is waterproof and ideal for use in wet environments.



Ultra-bright with 2800 lumens and multi-beam lighting to suit a wide variety of situations.



Longer burn time, greater visual comfort and less manual operation with REACTIVE LIGHTING® mode, which allows the light sensor to automatically adjust brightness and beam pattern, optimizing battery life.



Aluminum lamp body provides excellent fall, crush and impact resistance.



Battery recharges in 4 hours with quick 110/240 V wall charger.

**Short Description** Ultra-powerful, rechargeable multi-beam headlamp featuring REACTIVE LIGHTING® technology. 2800 lumens

- Selling Points**
- Ultra-bright and Intelligent:
    - 2800 lumens
    - longer burn time, greater visual comfort and less manual operation with REACTIVE LIGHTING® mode, which allows the light sensor to automatically adjust brightness and beam pattern, optimizing battery usage
    - choice of two lighting modes: REACTIVE LIGHTING® or CONSTANT LIGHTING and five lighting levels that can be programmed manually
    - survival mode provides a minimum light level for up to 72 hrs
  - Waterproof and Durable:
    - dustproof and waterproof in up to 1 meter of fresh water for 30 minutes
    - aluminum lamp body provides excellent fall, crush and impact resistance
  - Multi-beam lighting adapts to a wide variety of situations:
    - close-range lighting: low-intensity flood beam maximizes burn time
    - proximity lighting: mixed beam with brightness suited for comfortable proximity vision
    - lighting for movement: mixed beam includes focused lighting that allows for greater ease of movement
    - lighting for rapid movement: more powerful mixed beam allows users to anticipate the terrain
    - distance vision: highly focused beam for long-range vision
  - Reliable and Ergonomic:
    - rotary switch, operable even while wearing gloves
    - automatic lock function prevents the lamp from turning on during transit or storage
    - automatically switches to reserve lighting when the battery is almost drained
    - balanced, thanks to the remote battery pack worn on the back of the head
    - adaptable to most helmet types, thanks to the PRO ADAPT adhesive plates (available as an accessory)
    - detachable, washable headband (included)
  - Rechargeable Battery:
    - 3200 mAh Lithium-Ion battery, recharges in 4 hours with quick 110/240 V wall charger (included)
    - four-level gauge for precise monitoring of the battery charge level
    - removable and replaceable (available as an accessory)

- Specification**
- Brightness: 2800 lumens
  - Weight: 390g
  - Technology: REACTIVE LIGHTING® or CONSTANT LIGHTING
  - Beam pattern: flood, mixed or focused
  - Energy: 3200 mAh Lithium-Ion battery (included)
  - Charging time: 4 hrs
  - Certification(s): CE
  - Watertightness: IP67 (waterproof in up to 1 meter of fresh water for 30 minutes)
  - Headlamp comes with R2 Lithium-Ion rechargeable battery and 110/240 V charger.

**Lighting performance**

				Lighting performance as defined by the ANSI/PLATO FL 1 protocol			
Lighting technology	Lighting color	Lighting levels	Beams	Brightness	Distance	Burn time	Reserve lighting (0.25 lux at 4 m)
REACTIVE LIGHTING®	White	Close-range work	Wide	25 to 120 lm	18 m	24 to 72 hrs	25 lm for 2 hrs
		Movement	Mixed	50 to 250 lm	32 m	12 to 38 hrs	
		Rapid movement		100 to 550 lm	75 m	6 to 24 hrs	
		Maximum power		150 to 2800 lm	255 m	1.5 to 18 hrs	
		Distance vision	Narrow	100 to 900 lm	235 m	3 to 24 hrs	
CONSTANT LIGHTING		Close-range work	Wide	80 lm	16 m	24 hrs	
		Movement	Mixed	200 lm	32 m	12 hrs	
		Rapid movement		450 lm	70 m	6 hrs	
		Maximum power		1800 lm	200 m	1.5 hrs	
		Distance vision	Narrow	700 lm	230 m	3 hrs	
Survival mode	Low	Wide	20 lm	8 m	72 hrs	-	
	High	Mixed	100 lm	26 m	24 hrs		

**Specifications by reference**

<b>Reference(s)</b>	<b>E103AA00</b>
Color(s)	black/yellow
Made in	FR
Guarantee	lamp: 5 years, rechargeable battery: 2 years (or 300 charging cycles)
Inner Pack Count	1
Quantity Per Box	10
EAN	3342540828926

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**Accessory(ies)**      ACCU 2  
                                  Quick Charger  
                                  Extension cord for headlamp  
                                  PRO ADAPT

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**Related product(s)**      VERTEX®  
                                  STRATO®