

Universe	Professional
Type	Lighting
Category	ATEX / HAZLOC headlamps
Subcategory	ATEX headlamps



DUO Z1 (UK)

DUO Z1 is a headlamp with a maximum 360 lumens of lighting in BOOST mode that runs on a rechargeable battery. It is multi-beam, and has four lighting modes, making it adaptable to every situation: close-range work, proximity, movement and long-range vision. Featuring the FACE2FACE anti-glare function, the DUO Z1 headlamp allows those working in a group to face each other without blinding one another, enabling them to work more effectively together. It can be worn on VERTEX and STRATO helmets, thanks to the included mounting plates. It meets ATEX zone 1/21 (II 2 GD Ex ib IIB T4 Gb III B T135° C Db) certification requirements for work in hazardous areas.



Four lighting modes with FACE2FACE anti-glare function that allows users to face each other without blinding one another.



Knob can be handled with gloves to facilitate use of the headlamp under any conditions.



Rechargeable battery positioned at the rear to balance the weight worn on the head.



Can be worn on VERTEX and STRATO helmets, thanks to the included mounting plates.

Short Description

Powerful rechargeable multi-beam headlamp with FACE2FACE anti-glare function, certified for use in ATEX hazardous areas. 360 lumens

Selling Points

- Four modes, plus BOOST, to adapt lighting to any work situation:
 - 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 for moving around easily
 - distance vision: highly focused beam for seeing at a distance
 - BOOST mode provides temporary maximum power of 360 lumens
- ATEX zone 1/21 (II 2 GD Ex ib IIB T4 Gb IIIB T135° C Db) certified headlamp for use in explosive environments
- Safety and comfort when traveling in a group, thanks to the FACE2FACE anti-glare function: automatically dims the light when two or more beams cross, enabling those using DUO headlamps to face each other without blinding one another
- CONSTANT LIGHTING technology: stable lighting over time, ideal for long work periods
- Rechargeable battery:
 - Lithium-Ion battery, 6400 mAh, 3.7 V, 23.68 Wh
 - rechargeable in eight hours
 - energy gauge
 - removable and replaceable (available as accessory)
 - ACCU 2 DUO Z1 charger (included)
- Reliability and ergonomics:
 - balanced, thanks to the remote battery pack worn on the back of the head
 - easy-to-use button, even with gloves
 - electronic locking to avoid accidentally turning it on during transit or storage
- Rugged:
 - IP67 (waterproof to -1 meter for 30 minutes in fresh water)
 - excellent fall, impact and crush resistance

Specification

- Light output: 360 lumens
- Weight: 370g
- Technology: CONSTANT LIGHTING
- Beam pattern: flood, mixed or focused
- Energy: Lithium-Ion ACCU 2 DUO Z1 battery (included)
- Recharge time: 8h
- Watertightness: IP67
- Headlamp comes with:
 - two plates for mounting on VERTEX and STRATO helmets
 - 110/240 V charger

Lighting performance

Lighting technology	Lighting modes	Beam type	Brightness	Distance	Burn time	Reserve mode
CONSTANT LIGHTING	close-range work	flood	70 lm	20 m	23 h	10 lm for 1h30
	proximity	mixed	170 lm	35 m	12 h	
	movement		300 lm	90 m	7 h	
	distance vision	focused	140 lm	100 m	17 h	
	BOOST mode	mixed	360 lm	115 m		

Specifications by reference

Reference(s)	E80BHR UK
	Certification(s): CE, II 2 G Ex ib IIB T4 Gb, II 2 D Ex ib IIB T135° C Db, room temperature: -20° C to +40° C
Color(s)	black/yellow
Made in	MY
Guarantee	3 years
Inner pack count	1
Case quantity	6
EAN	3342540820821

Accessory(ies) PRO ADAPT
5 DUO Z1 charging rack
ACCU 2 DUO Z1
ACCU 2 DUO Z1 charger

Related product(s) VERTEX®
VERTEX® BEST
ALVEO VENT
STRATO® VENT
Pack of 5 DUO Z1
Countertop or wall display for headlamps
Floor display for pro headlamps
Rotating floor display for pro headlamps