



Industrial LED Lighting Specialists
Professional Lighting Guide



Established in
1981 as a lighting
supplier, Unilite
has grown into
one of the world's
leading flashlight
manufacturers
in the global
illumination
market.

With over 30 years trading, Unilite has a wealth of experience dealing with a wide and diverse spectrum of businesses.

An in-house laboratory was set-up for rigorous performance and reliability tests under controlled environments.



Among others, six ANSI FL1 tests are undertaken to establish unbiased ratings to facilitate product comparison of all our products in our range. This enables customers to see the vast superiority over inferior competitor options.

The sophistication of our products requires nothing less than the finest manufacturing technology. So we are now equipped with a cutting-edge processing line of 173 computer numerical control (CNC) and 44 CNC Tapping Centre machines.

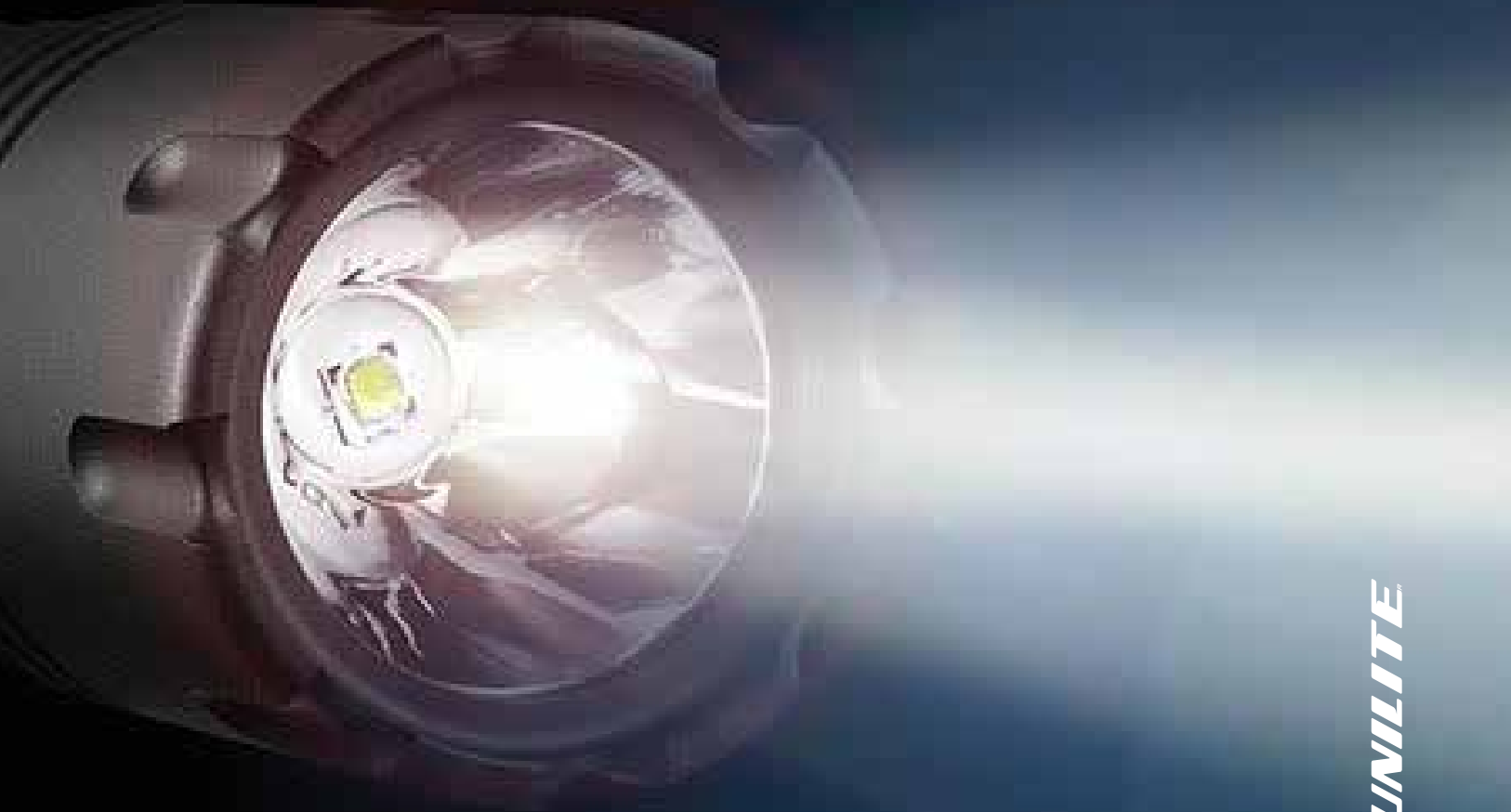
This streamlines the manufacturing process with digital precision. Our plant has also added new clean room facilities, which create a dust-free environment necessary for the production of flawless lenses and reflectors.

This large investment in R&D, machinery and production facilities has allowed Unilite to innovate new breakthroughs.

This includes Focus Control technology, Infrared motion sensor activation, Electronic Dimming Configuration and Thermal cooling systems.

Did we mention other products that Unilite make? No. Because we simply don't. We devote each and every resource to our sole and single product genre – illumination devices. That is why Unilite is the proven popular choice for the true industry professional. Make one choice, make it Unilite.

Advancements in LED technology has helped Unilite to raise the bar as we endeavour for greater power and portability.



 UNILITE

PROSAFE

STRENGTH AND ENDURANCE

Designed to deliver critical lighting for industrial work, these flashlights are made of incredibly tough specially strengthened nylon-glass polymer. Using the highest quality LED chip's these new industrial flashlights produce an amazing bright white light. The flawless reflector and AR coated toughened glass lens produce intense, piercing illumination from the heat-conductive die cast aluminium head. The rubberised handle ensures a secured grip in wet and gloved operations. With excellent resistance against shock, impact, heat and corrosion, and IP67 dust and water protection, these flashlights are built to deliver superior reliability in the most hostile and temperamental working conditions.



PS-FL3

PROSAFE POLICE TACTICAL LED FLASHLIGHT



LIGHT BY
LUXEON

OPTIC
LENS

4-72
HOURS
RUNTIME

136
METRE
BEAM RANGE

200
LUMENS
OUTPUT

IPX4
WATER
RESISTANCE



SCIENTIFIC OPTICAL LENS



HATCH GRIP BODY



HIVIS SWITCH



2 X AA BATTERIES (INCLUDED)

- » 200 Lumen White Luxeon LED
- » Flood to spot focus control
- » Tactical push button switch
- » Optical Lens technology
- » 3 stage dimming function
- » SOS Flash function
- » Contoured Non-Slip hatch grip body
- » Impact Resistant to 1M
- » Carry pouch & strap (Included)

BATTERY 2 x 1.5v AA Duracell Alkaline (Included)
WEIGHT 163g (with batteries)
DIMENSION 31 x 163mm

ATEX-
FL4

PROSAFE ZONE 0 INTRINSICALLY SAFE TORCH



LIGHT BY
CREE LEDs

ATEX 

6½-27½
HOURS
RUNTIME

135
METRE
BEAM RANGE

130
LUMENS
OUTPUT

IP67
DUST+WATER
PROOF

CLASSIFIED

REACH

IECEX
CE

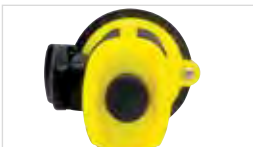

RoHS



RUBBERISED HEAD



ZONE 0 ATEX COMPLIANT



TACTICAL END SWITCH



POCKET CLIP INCLUDED

- » 130 Lumen White CREE LED
- » ATEX Zone 0 compliant, explosion proof
- » Safety release valve to release hydrogen gases
- » IP67 dust proof & 3m submersible
- » Chemical and corrosion resistant
- » Rubberised head for greater durability

- » Industrial strength polycarbonate housing
- » Electronic easy push button micro switch
- » Detachable pocket clip included for hands free use
- » Rubberised handle for extra grip

BATTERY 4 x 1.5v AA batteries (not included)
WEIGHT 115g (without batteries)
DIMENSION 47 x 174mm

ATEX-
H2

PROSAFE ZONE 0 INTRINSICALLY SAFE HEADLIGHT



LIGHT BY
CREE LEDs

ATEX 

2½-4½
HOURS
RUNTIME

100
METRE
BEAM RANGE

180
LUMENS
OUTPUT

IP67
DUST+WATER
PROOF

CLASSIFIED

REACH

IECEX
CE


RoHS



HELMET MOUNTABLE



RUBBERISED SWITCH



SMOOTH REFLECTOR



LOCKING BATTERY COMPARTMENT

- » 180 Lumen White CREE LED
- » Adjustable rubberised headbands
- » IP67 Dust and Waterproof
- » 1m Submersible
- » 2 Mode Light Settings
- » Easy press rubberised switch
- » 90° Rotational head
- » ATEX Zone 0 compliant
- » Safety gas release valve
- » Safety locking battery compartment
- » Durable synthetic industrial rubber impact resistant construction

BATTERY 3 x 1.5v AAA Alkaline Batteries (not included)
WEIGHT 143 g (without batteries)
DIMENSION Headlight: 80 x 50 x 45mm

PS-H4

PROSAFE HELMET MOUNTABLE LED HEADLIGHT



LIGHT BY
CREE LEDs

EMERGENCY FLASH



7½-60
HOURS
RUNTIME

85
METRE
BEAM RANGE

200
LUMENS
OUTPUT

IPX4
WATER
RESISTANCE



3M ADHESIVE HELMET MOUNT (INC)



RED LED FOR NIGHT VISION



RUBBERISED HEADSTRAPS



BIKE HELMET VELCRO STRAP (INC)

- » 200 Lumen White CREE LED
- » Helmet-Compatible
- » Industrially Tough Polymer Housing
- » Sliding Diffuser for Focused or Flood Lighting Features
- » 5mm Red LED for Night Vision
- » 3M Adhesive Helmet Mount (Included)

- » Bike Helmet Velcro Strap (Included)
- » 6 Lighting Modes
- » 90° Rotational Head
- » IPX4 Water Resistant
- » 2Hz Safety Flashing Mode

BATTERY 3 x 1.5v AAA Duracell Alkaline (Included)
WEIGHT 100g (with batteries)
DIMENSION Headlight: 38mm x 70mm x 50mm

PS-H7R

PROSAFE USB RECHARGEABLE HELMET HEADLIGHT



LIGHT BY
LUXEON

USB
CHARGING

5½-30
HOURS
RUNTIME

145
METRE
BEAM RANGE

350
LUMENS
OUTPUT

IPX4
WATER
RESISTANCE



RED LED FOR NIGHT VISION



3M ADHESIVE HELMET MOUNTS



MICRO-USB CABLE (INC)



WHITE BATTERY PACK LIGHT

- » 350 Lumen White Luxeon T LED
- » 90° rotational head
- » Battery level indicator lights
- » Sliding diffuser for focused or flood lighting features
- » 5mm Red LED for night vision
- » Micro-USB charging cable (included)
- » 3M Adhesive front and back helmet mounts (included)
- » Rubberised non-slip headbands
- » 6 Lighting modes
- » 2Hz Safety Flashing Mode

BATTERY 1 x 3.7v 2000 mAh 18650 Li-ion Battery (included)
WEIGHT 185g (with battery)
DIMENSION Headlight: 35 x 82 x 40mm - Battery Pack: 50 x 83 x 45mm

PS-H10R

PROSAFE INDUSTRIAL USB RECHARGEABLE HEADLIGHT



3-45
HOURS
RUNTIME

280
METRE
BEAM RANGE

1100
LUMENS
OUTPUT

IPX4
WATER
RESISTANCE

- » 1100 Lumen White CREE LED
- » Multi-faceted deep reflector
- » Impact resistant to 1m
- » 3 stage dimming electronic switch
- » 8Hz & 2Hz strobe and SOS functions
- » 90° Rotational head
- » White rear battery pack light
- » Rubberised non-slip headbands
- » 3M reflective strips for greater visibility
- » Micro-USB charging cable (included)
- » Battery level indicator lights

BATTERY 1 x 3.7v 2600 mAh 18650 Li-ion Battery (included)
WEIGHT 229g (with battery)
DIMENSION Headlight: 51 x 69 x 45mm - Battery Pack: 50 x 83 x 45mm

LIGHT BY
CREE®
LEDs

USB
CHARGING



MICRO-USB CABLE (INC)



WHITE BATTERY PACK LIGHT



RUBBER MICRO SWITCH



HELMET MOUNTABLE



PS-P2

PROSAFE ALUMINIUM LED PENLIGHT



10 HOURS RUNTIME	45 METRE BEAM RANGE	110 LUMENS OUTPUT	IPX4 WATER RESISTANCE
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- » 110 Lumen White 1W LG LED
- » Convenient detachable Pocket clip
- » Tactical rubberised micro switch
- » Multi-faceted reflector for smooth beam
- » Die cast aluminium housing
- » Ultra clear AR coated glass lens
- » Impact resistant to 1m
- » IPX4 water resistant
- » Lightweight and portable

BATTERY 2 x 1.5v AAA Duracell Alkaline (included)
WEIGHT 46g (with batteries)
DIMENSION 14 x 131mm



CONVENIENT POCKET CLIP



2 X AAA BATTERIES (INC)



MULTI-FACETED REFLECTOR



TACTICAL RUBBERISED SWITCH

PS-IL6R

PROSAFE USB RECHARGEABLE INSPECTION LIGHT



- » 600 Lumen 5W White Samsung SMD LED's
- » DC-USB charging cable (included)
- » Additional 100 Lumen torch in head
- » Ultra Strength Polycarbonate Housing
- » Integral Hanging Hook & Magnet for hands-free use
- » Multi Positional Hook/Foldable Kick Stand
- » Impact Resistant to 1m
- » Rear Charging Point with protective cover

4½-24
HOURS
RUNTIME

60
METRE
BEAM RANGE

600
LUMENS
OUTPUT

IP54
DUST & WATER
RESISTANCE

BATTERY 3.7v 4400 mAh Li-ion rechargeable battery (Inc.)

WEIGHT 260g (with battery)

DIMENSION 205 x 60 x 42mm



DC-USB CABLE (INC)



USEFUL MAGNET AND HOOK



SMOOTH EVEN LIGHT SPREAD



100 LUMEN TORCH HEAD



UNILITE
PROSAFE

600
LUMENS

RECHARGEABLE
LED INSPECTION
LIGHT

CE
PS-IL6R

DC USB
CHARGING

PS-L2

PROSAFE LED FLOATING LANTERN



10
HOURS
RUNTIME

250
METRE
BEAM RANGE

300
LUMENS
OUTPUT

IP56
DUST+WATER
RESISTANCE

- » 300 Lumen White Seoul LED
- » Industrial strength copolymer housing
- » Robust and weatherproof
- » Floats beam upright in water
- » Optical Beamaster lens for beam penetration
- » Ultra tough polycarbonate reflector
- » Rubber Moulded push micro switch
- » High-vis yellow for added safety
- » Contoured easy grip handle
- » Impact resistant to 1M

BATTERY 1 x 6v PJ996 Lantern battery (not included)

WEIGHT 230g (with battery)

DIMENSION 175 x 105mm



BEAMASTER
LENS



BEAMASTER LENS TECHNOLOGY



MOULDED RUBBER SWITCH



OPTIONAL ACCESSORIES



SMALL AND COMPACT



UNIVERSAL FIT INTO ANY LANTERN



CHARGE STRAIGHT TO MAINS



REINFORCED SPRING MOUNT



UK252 CHARGER (NOT INCLUDED)

PS-RB1

- » High capacity rechargeable battery
- » Hi-Visibility yellow
- » Universal fit into any lantern using a PJ996
- » No need for a separate charger
- » Red LED indicates charging
- » Short circuit protected to prevent over charge
- » Plugs directly into the mains socket
- » Environmentally Friendly
- » Charge up to 750 times

BATTERY 1 x 4.8v 2000 mAh NI-MH
230v 50Hz rechargeable battery

WEIGHT 415g

DIMENSION 110 x 80mm

PS-RB2

- » High capacity rechargeable battery
- » Hi-Visibility yellow
- » Universal fit into any lantern using a PJ996
- » UK252 Charger needed (Not Included) *
- » Industrial Copolymer housing
- » Short circuit protected to prevent over charge
- » Reinforced spring mounts for greater durability
- » Environmentally Friendly
- » Charge up to 750 times

BATTERY 1 x 4.8v 2000 mAh NI-MH
230v 50Hz rechargeable battery

WEIGHT 190g

DIMENSION 110 x 65mm





HIVIS[®]

EXTREME POWER

Advancements in LED technology has helped Unilite to raise the bar as we endeavour for greater power and portability. The Unilite HIVIS range is suitably tailored to meet industrial demands and requirements, such as Rail Maintenance and Search & Rescue. These industries demand products meet the highest specification and reliability. Their well-being depends on it. For the ultimate in reliability, portability and technology, the HIVIS range delivers these to the highest standard.

HV-FL9R/FL7R

HIVIS

USB RECHARGEABLE FLASHLIGHTS

LIGHT BY
CREE
LEDs

USB
CHARGING



4-50
HOURS
RUNTIME

250
METRE
BEAM RANGE

900
LUMENS
OUTPUT

IPX7
WATER
PROOF



2-30
HOURS
RUNTIME

175
METRE
BEAM RANGE

350
LUMENS
OUTPUT

IPX7
WATER
PROOF

- » **HV-FL9R** 900 Lumen White CREE LED
- » **HV-FL7R** 350 Lumen White CREE LED
- » Built in USB rubberised charging point with Micro-USB cable (included)
- » Hard Anodized Die Cast Matte Aluminium Body
- » Tactical rubberised micro switch operation
- » 3 Light Mode Settings and 8Hz Defence Strobe
- » Water resistant IPX7 - 1m Submersible
- » Impact resistant to 1m
- » Nylon Velcro Holster (included)
- » Safety Nylon Wrist Strap (included)

HV-FL9R

BATTERY 3.7v 2600 mAh 18650 Li-ion Battery (inc)

WEIGHT 200g with battery

DIMENSION 139 x 33mm

HV-FL7R

BATTERY 3.7v 600 mAh 14430 Li-ion Battery (inc)

WEIGHT 124g with battery

DIMENSION 117 x 29mm



POUCH AND USB CABLE (INC)



ALUMINIUM HOUSING



RECHARGEABLE BATTERY (INC)



USB RECHARGEABLE

HV-H5R

HIVIS USB RECHARGEABLE HELMET HEADLIGHT



4½-30
HOURS
RUNTIME

85
METRE
BEAM RANGE

220
LUMENS
OUTPUT

IP54
DUST & WATER
RESISTANCE



USB CHARGING CABLE (INC)



EASY SLIDING DIFFUSER



RED LED FOR NIGHT VISION



3M ADHESIVE HELMET MOUNT

- » 220 Lumen White 3W LG LED
- » Helmet Mountable
- » Industrially tough polymer housing
- » Sliding diffuser for focused or flood lighting features
- » 5mm Red LED for night vision
- » 3M Adhesive helmet mount (included)
- » 90° Rotational head
- » Impact resistant to 2m
- » Micro-USB charging cable (included)
- » Bike helmet Velcro strap (optional extra)

BATTERY 1 x 3.7v 600 mAh 14430 Li-ion Battery (included)
WEIGHT 88g (with battery)
DIMENSION Headlight: 38 x 70 x 50mm

HV-RL4

HIVIS RUBBER WEATHERPROOF LANTERN



BEAMMASTER
LENS

10
HOURS
RUNTIME

250
METRE
BEAM RANGE

300
LUMENS
OUTPUT

IP54
DUST+WATER
RESISTANCE



EASY PUSH BUTTON
MICRO SWITCH



REAR CHARGING POINT



OPTICAL BEAMMASTER LENS



WEATHERPROOF

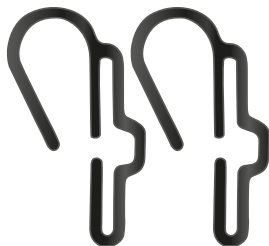
- » 300 Lumen White Seoul LED
- » Synthetic industrial grade rubber housing
- » Rear charging point for use with rechargeable batteries
- » Floats beam upright in water
- » Ultra tough polycarbonate reflector
- » Optical Beammaster lens for beam penetration
- » Contoured rubber easy grip handle
- » Rubber Moulded push micro switch
- » Highly Robust build quality

BATTERY 1 x 6v PJ996 (not included)
WEIGHT 960g (with battery)
DIMENSION 180 x 110mm

PS-HC

HELMET CLIPS

- » Robust Copolymer plastic
- » Universal fit for most helmets
- » Quick and easy application
- » Compatible with all Unilite headtorches
- » Chemical resistant plastic
- » Impact resistant to 0.5m
- » Flexible underarm
- » Pack of 4 clips



PS-LL
A/B/G/R

LANTERN LENSES

- » Available in Green, Red, Amber & Blue
- » Used for emergency signalling situations
- » Toughened polypropylene
- » Chemical resistant
- » Easy fit and removal
- » Compatible with all Unilite lanterns
- » Impact Resistant to 1M
- » 95mm x 20mm – 25g



UK252

MAINS CHARGER

- » Durable ABS housing
- » DC Connector fits into PS-RB2 Battery
- » 180 mA charging power
- » Chemical resistant plastic
- » Fits any domestic UK mains socket
- » EU version available
- » Red LED indicates charging
- » 70mm x 65mm
- » 190g




































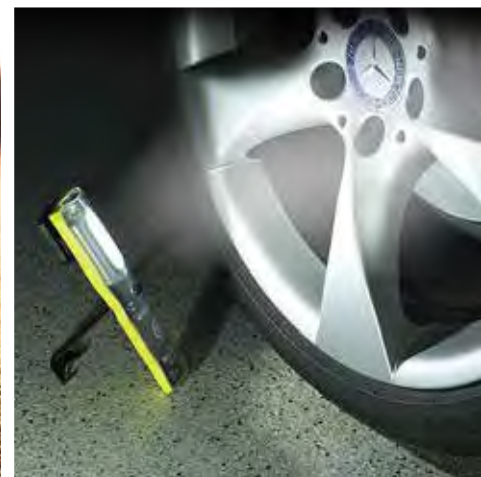
UK253

VEHICLE CHARGER

- » Durable ABS housing
- » DC Connector fits into PS-RB2 Battery
- » 180mA Charging power
- » 12/24v Vehicle charging
- » Chemical resistant
- » Impact resistant to 1m
- » Red LED indicates charging
- » 95mm x 35mm
- » 60g



Model No	Output (Lumens)				Run Time				
	High	Medium	Low	Strobe/SOS	High	Medium	Low	Strobe/SOS	
PROSAFE - LED FLASHLIGHTS									
PS-FL5		300	N/A	30	N/A	2½ HRS	N/A	12 HRS	5 HRS
PS-FL7		500	N/A	50	N/A	5 HRS	N/A	35 HRS	10 HRS
PS-FL3		200	70	20	N/A	4 HRS	10 HRS	72 HRS	10 HRS
PS-T1		275				5 HRS	N/A	N/A	35 HRS
PROSAFE - ATEX INTRINSICALLY SAFE TORCHES									
ATEX-FL4		130	N/A	47	N/A	6½ HRS	N/A	27½ HRS	N/A
ATEX-RA2		210	N/A	100	N/A	7½ HRS	N/A	18 HRS	N/A
ATEX-H2		180	N/A	75	N/A	3 HRS	N/A	4 HRS	N/A
PROSAFE - LED HEADLIGHTS									
PS-H2		80				13 HRS	N/A	N/A	34 HRS
PS-H4		200	80	20	N/A	7½ HRS	20 HRS	60 HRS	50 HRS
PS-H5		350	170	35	N/A	8 HRS	20 HRS	146 HRS	50 HRS
PS-H7R		350	150	50	N/A	5½ HRS	14 HRS	30 HRS	20 HRS
PS-H8		350	170	35	N/A	8 HRS	20 HRS	146 HRS	50 HRS
PS-H10R		1100	330	20	N/A	3HRS	9 HRS	45 HRS	14-22 HRS
PROSAFE - LED INSPECTION LIGHTS									
PS-K1		75				3 HRS			
PS-P2		110				10 HRS			
PS-P1		220	N/A	90	N/A	3 HRS	N/A	6 HRS	8 HRS
PS-IL6R		MAIN LIGHT: 600 - END TORCH: 100				MAIN LIGHT: 4½ HRS - END TORCH: 24 HRS			
PS-ML5		750				CONTINUOUS			
PROSAFE - LANTERNS									
PS-L2		300				10 HRS			
PS-L3		300				10 HRS			
PS-L3RK		300				10 HRS			
PROSAFE - INDUSTRIAL SITE LIGHTS									
SL-250		2500				CONTINUOUS			
SL-110		2500				CONTINUOUS			
SL-251		N/A				N/A			
HIVIS - LED FLASHLIGHTS									
HV-FL1		175	75	15	N/A	3 HRS	5 HRS	26 HRS	4 HRS
HV-FL4		220	N/A	20	N/A	2 HRS	N/A	40 HRS	4 HRS
HV-FL9R		900	400	40	N/A	4 HRS	7 HRS	50 HRS	25 HRS
HV-FL7R		350	150	15	N/A	2 HRS	3½ HRS	30 HRS	14 HRS
HIVIS - LED HEADLIGHTS									
HV-H3		175	N/A	5	N/A	9 HRS	N/A	175 HRS	N/A
HV-H5R		220	90	20	N/A	4½ HRS	9½ HRS	30 HRS	10 HRS
HIVIS - LED LANTERNS									
HV-RT1		300				7 HRS			
HV-RL4		300				10 HRS			
HV-L2R		300				5 HRS			



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