Western Technology

LED SAFETY LIGHTS

February 2021

Designed + Manufactured in the USA

Model 8910UVA - UVA Explosion Proof Rechargeable Battery-Powered LED Light

The 365nm UV emission is ideal for NDI / NDT Testing, typical in industrial metal structural integrity maintenance & manufacturing inspections.

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*Certified **Explosion Proof** under UL844 by Intertek for use in: Class I, Div 1 & 2, Group C & D; Class II, Div 1 & 2, Group E, F, & G CSA Zones 1 & 2; Zones 20, 21, & 2 CSA Zones 1 & 2; Zones 20, 21, & 22 Suitable for Wet Location Use. NEMA Type 6P

*Approved for Light Head, Battery Pack, & Manifold Light Head may be powered with a Power Supply Box for continuous use. - Line Power to Supply Box: 100-277VAC; - Output: 48VDC, 8A max

Battery Charger is Ordinary Location Listed:

UL153 - Not Explosion Proof

Visibile (White Light) Mode:

LED COB (Chip on Board) **Emitter Type:** Correlated Color Température (CCT): 5700°K

Glow Low Medium High Flashing Visible Modes: (Work) (On/Battery Check) (Passage) (Task) (Medium-Lo **Light Output:** N/A 625 Im 1250 lm 2500 Im N/A Run Time: N/A ~14 hrs ~7 hrs ~3.5 hrs N/A

Projection Type: Wide Floodlight Projection

UVA Mode: UVA Wavelength: 365nm peak **Emitter Type:** Glow Low

High **UVA Modes:** (On/Battery Check) (Passage) (Work) (Task) Run Time: N/A ~14 hrs ~7 hrs ~3.5 hrs

UVA Activation Code: May be programmed with a code to activate/deactivate UVA function. Dimensions: 3.67"L x 2.97"W x 7.58"H x ∅2.67"

Weight: Lighthead: 1.90lbs + Battery/Handle: 1.45lbs = 3.35lbs

Machined out of solid blocks of 6061-T6 Aluminum

Polyurethane Bumpers (PURPLE) Housing/Material: Glow-in-the-Dark Paneling

Rechargeable, Li-Ion (Approved for Shipping) Battery-Powered: Smart Charger Base (Auto-Off at full charge w/ indicator light)

Recharging Time: ~2.5 hrs

The BODYLight™ Battery Pack, consisting of lithium ion cells external to the Explosion Proof Canister, was examined for conformance to UN/DOT 38.3, Transportation Testing, by Intertek Laboratories. Conformance verification to the Standard for the Battery Pack was issued on November 16, 2017. (Report No.: 103190396CRT-002)

Battery Pack Transportation Compliance: Dr. Michael S. Kralik Engineering Director

The BODYLight™ Battery Pack passed all test procedures for Altitude Simulation, Thermal Test, Vibration, Shock, External Short Circuit, and Overcharge/Discharge, ensuring its compliance and safety for air and ground transportation.

Further, with the Battery Pack encased in an Explosion Proof Canister, compliant to UL 62133, 153, and 844, provides even greater assurance of safety during transportation.

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Battery Pack:

Output Power: 14.4 VDC, 3.4Ah Temp Amb: -20° to +40°C. Temp. Rating: T5

Charging: Ta: 0° to +60°C Frequency of Input: 120/240 VAC, 50/60 Hz, 1A

Output Power: 12-15VDC, 3-5A **Charger Base Input:**

Temp Ambient: -25° to +40°C Temp Rating: T5

UL 1310 / CSA C22.2#223 **Charger Base**

certification testing for Class 2 Power Units. Compliance:

*Accessories, Stands & Mounting Options Available

Detect cracks, leaks, FOD, microscopic holes & defects.



EXPLOSION **☞ PROOF**





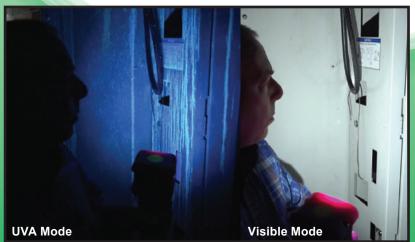






See back for more details...

Note: UVA option requires operator wear PPE and confirmation required training has been completed. UVA 365nm can be hazardous to human health with extended unprotected exposure.



*Equipment specifications, options & availability subject to change





Western Technology, Inc. 3517 Arsenal Way Bremerton, WA 98312

Toll Free: (800) 654-5483 Local: (360) 917-0080 Fax: (360) 917-0083

www.WesternTechnologyLights.com





ETL Certified by Intertek



Explosion Proof US & CAN stds



Rechargeable **Battery-Powered**



KICK-IT TOUGH LED Light





Part Numbers (replacement parts)	
#8910: (BODYLight™) Complete System	(1) Lighthead(1) Rechargeable Battery(1) Charger Base(1) Carrying Case(1) Mounting option
#8910 NC (BODYLight™) No Case Option:	(1) Lighthead (1) Rechargeable Battery (1) Charger Base
#8910B:	12 Pack of 8109 Secondary Blast Lens
#8910 BAG:	Non-Static 9 x 12 Overspray Bag (Box of 50)
#8910 BATTERY:	(1) Rechargeable Auxiliary Battery for the BODYLight™ (extra/replacement)
#8910 BATTERY CHARGER:	(1) Battery charger base for the BODYLight™ (extra/replacement)
#8910 CASE:	(1) Lime Green Resin Case for the BODYLight™
#8910 CLIP:	(1) Clip Mount for the BODYLight™
#8910 DOME DIFFUSER:	(1) Dome Diffuser for the BODYLight™
#8910 DUAL BATTERY BELT PACK:	2 Battery belt pack (manifold) for the BODYLight™
#8910 FLAT DIFFUSER:	(1) Anti-Glare (flat) Diffuser for the BODYLight™ (Sold Separately)
#8910 HOOK:	(1) Hook Mount for the BODYLight™
#8910 LIGHTHEAD:	(1) Lighthead only (extra/replacement)
#8910 MAGNET:	(1) Magnet Mount for the BODYLight™
#8910 TRIPOD:	(1) Tripod Mount for the BODYLight™
#8910 VELCRO STRAP:	(1) Velcro strap w/ back plate for the BODYLight™

















Connect up to 40 chargers together from the first charger that is plugged into a 15A power source

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