

UVA BODYLIGHT™

by Western Technology

Designed + Manufactured in the USA



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

September 2020

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

Product Features

*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, & 22 Suitable for Wet Location Use, 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				
Visible (White Light) Mode:					
Emitter Type:	LED COB (Chip on Board) - Correlated Color Temperature (CCT): 5700°K				
Visible Modes:	Glow (On/Battery Check)	Low (Passage)	Medium (Work)	High (Task)	Flashing (Medium-Low)
Light Output:	N/A	625 lm	1250 lm	2500 lm	N/A
Run Time:	N/A	~14 hrs	~7 hrs	~3.5 hrs	N/A
Projection Type:	Wide Floodlight Projection				
UVA Mode:					
Emitter Type:	UVA Wavelength: 365nm peak				
UVA Modes:	Glow (On/Battery Check)	Low (Passage)	Medium (Work)	High (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 Ø2.67"				
Weight:	Lighthouse: 1.90lbs + Battery/Handle: 1.45lbs = 3.35lbs				
Housing/Material:	Machined out of solid blocks of 6061-T6 Aluminum Polyurethane Bumpers (PURPLE) Glow-in-the-Dark Paneling				
Battery-Powered:	Rechargeable, Li-Ion (Approved for Shipping) Smart Charger Base (Auto-Off at full charge w/ indicator light) Recharging Time: ~2.5 hrs				
Battery Pack Transportation Compliance:	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:	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. 41NR19/66 Output Power: 14.4 VDC, 3.4Ah Temp Amb: -20° to +40°C. Temp. Rating: T5 Charging: Ta: 0° to +60°C				
Charger Base Input:	Frequency of Input: 120/240 VAC, 50/60 Hz, 1A Output Power: 12-15VDC, 3-5A Temp Ambient: -25° to +40°C Temp Rating: T5				
Charger Base Compliance:	UL 1310 / CSA C22.2#223 certification testing for Class 2 Power Units.				
*Accessories, Stands & Mounting Options Available					

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



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.



UVA Mode

Visible Mode

*Equipment specifications, options & availability subject to change



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in the world
tested & certified by
an NRTL

**ETL Certified
by Intertek**

**Explosion Proof
US & CAN stds**

**Rechargeable
Battery-Powered**

**KICK-IT TOUGH
LED Light**



Size & Mounting Options*



Part Numbers (replacement parts)

#8910: (BODYLight™) Complete System	(1) Lighthouse (1) Rechargeable Battery (1) Charger Base (1) Carrying Case (1) Mounting option
#8910 NC (BODYLight™) No Case Option:	(1) Lighthouse (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) Lighthouse 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™

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