

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

September 2025

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

## #8910UVA 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. 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

**Visible (White Light) Mode:**

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

| Visible Modes:       | Glow<br>(On/Battery Check) | Low<br>(Passage) | Medium<br>(Work) | High<br>(Task) | Flashing<br>(Medium-Low) |
|----------------------|----------------------------|------------------|------------------|----------------|--------------------------|
| <b>Light Output:</b> | N/A                        | 625 lm           | 1250 lm          | 2500 lm        | N/A                      |
| <b>Run Time:</b>     | 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<br>(On/Battery Check) | Low<br>(Passage) | Medium<br>(Work) | High<br>(Task) |
|------------------|----------------------------|------------------|------------------|----------------|
| <b>Run Time:</b> | 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:** Lighthead: 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)

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.

**Battery Pack:** 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.



GLOW  
IN-THE-DARK  
PANELS



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

See back for more details...



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WTT Western  
Technology  
LIGHTS CERTIFIED, TRUST EARNED



**1st in the world**  
tested & certified by a NRTL



**ETL Certified**  
by Intertek



**Explosion Proof**  
US & CAN stds



**Rechargeable**  
Battery-Powered



**GREEN LIGHTS**  
LED Safety Light

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

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## #8910 BODYLIGHT™ COMPLETE SYSTEM

- (1) BODYLight™ or UVA BODYLight™ Light Head
- (1) 8910 Rechargeable Li-Ion Battery
- (1) 8910 Smart Battery Charger Base (UL153 non-explosion proof)
- (1) BODYLight™ Mounting Option
- (1) Carrying Case

### #8910 NC BODYLight™ No Case Option:

Does not include mounting option and carrying case



\*not shown to scale

## #8910 BODYLIGHT™ MOUNTING OPTIONS



\*not shown to scale

## #8910 TLP BODYLIGHT™ KITS

- (1) Tactical Light Stand™
- (2) BODYLight™ or UVA BODYLight™ Light Heads
- (2) 8910 Rechargeable Li-Ion Batteries
- (2) 8910 Smart Battery Chargers (UL153 non explosion proof)
- (1) BODYLight™ Mounting Option
- (1) Carrying Case

\*not shown to scale



## #8910 BODYLIGHT™ ACCESSORIES

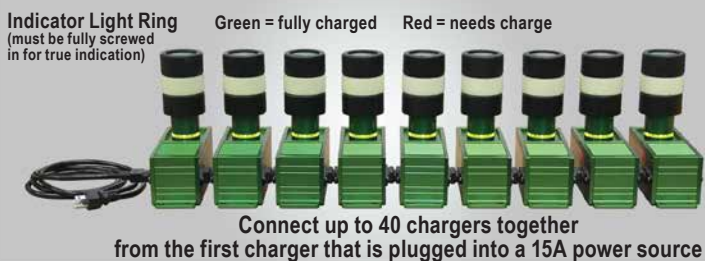


\*not shown to scale

## #8910 T-BOX BODYLIGHT™ STRING LIGHT

**The T-BOX™**  
Transforms  
BODYLights™  
into a Stringer

\*not shown to scale



Indicator Light Ring  
(must be fully screwed in for true indication)

Green = fully charged Red = needs charge

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

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**WTT Western Technology**

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