

BODYLIGHT™

by Western Technology™

Designed + Manufactured in the USA



Model 8910 - Explosion Proof Rechargeable Battery-Powered LED Light

February 2021

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 BODYLight™ (White Light)

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

Luminous Flux: ~2500 lumens (lm)

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

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 (BLACK)
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.

UVA Option: UVA BodyLight™ is equipped with both UVA LED Wavelength: 365nm Peak & Visible BODYLight™ modes listed above (see UVA Datasheet for more info)

UVC Option: The "WT GERM KILLER®" is equipped with UVC LED Wavelength: 275nm Peak only (see UVC Datasheet for more info)

*Accessories, Stands & Mounting Options Available



UVA
-option-



UVC
-option-



EXPLOSION
PROOF
LIGHTING

ETL
LISTED
USE

Intertek

SAFETY
BEYOND
CERTIFICATION

Lumens+
Optics

Designed +
Manufactured in:
USA

See back for more details...



Size & Mounting Options*

*Equipment specifications, options & availability subject to change

WT Western Technology™



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in the world
tested & certified by
a NRTL



**ETL Certified
by Intertek**



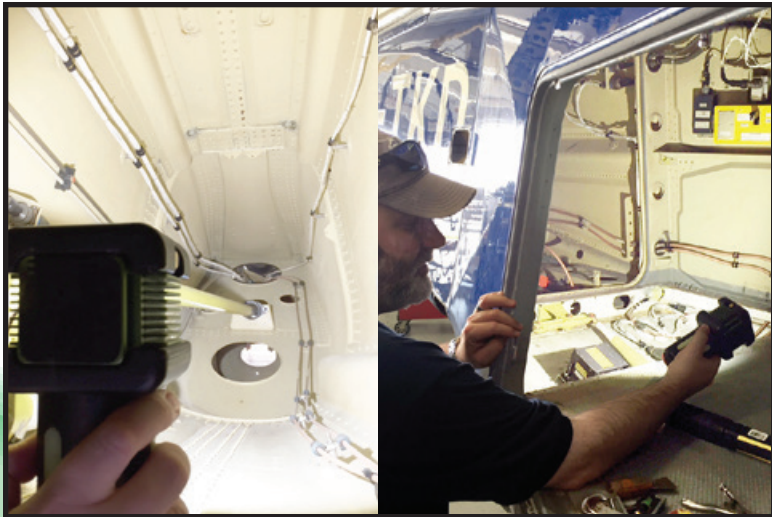
**Explosion Proof
US & CAN stds**



**Rechargeable
Battery-Powered**



**KICK-IT TOUGH
LED Light**



includes
Carrying Case



Lighthouse

Charging Base

not shown to scale



Push Button
- High
- Medium
- Low
- Strobe

Glow-in-the
Dark Panels



Dual Battery
Belt Pack (Manifold)



Dome Diffuser

Flat Diffuser



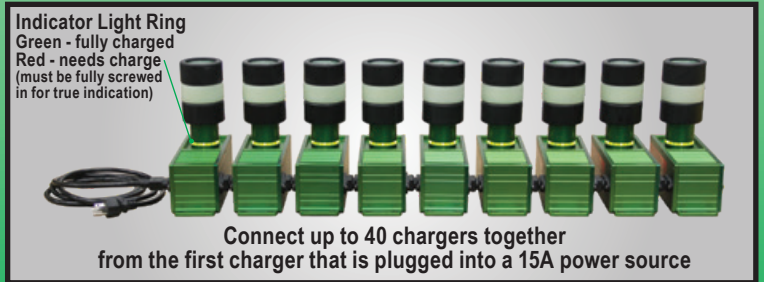
Power Supply Box



Overspray
Protection Bags



Magnetic
Mounting Knuckle



Indicator Light Ring
Green - fully charged
Red - needs charge
(must be fully screwed
in for true indication)

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

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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