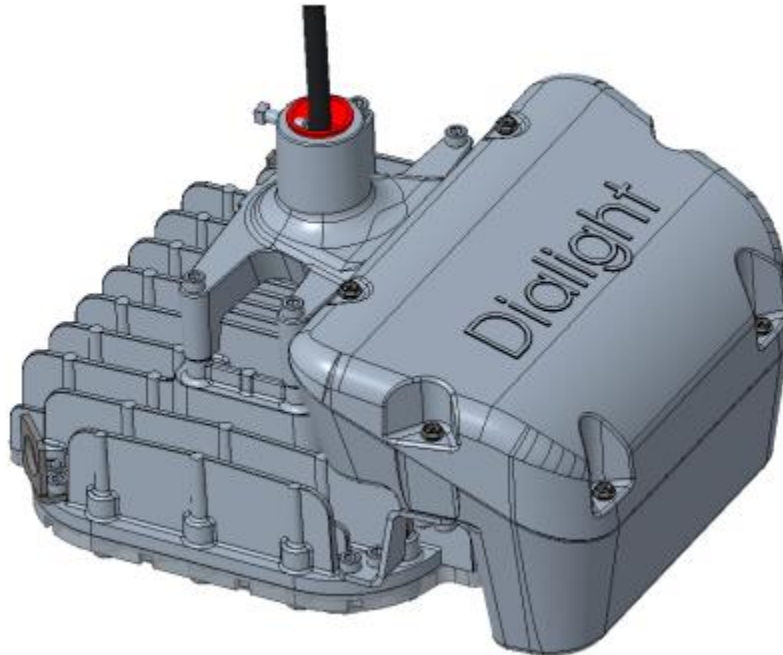


Important Information

These instructions contain safety information, read and follow them carefully. Dialight will not accept any responsibility for injury, damage or loss, which may occur due to incorrect installation, operation or maintenance.

Operation/Installation Instructions




Note: Save these instructions for future use

Note: These instructions are for Battery Backup specific case only. For general Area Light information, see supplemental instruction sheet

WARNING: To avoid fire and electrical shock, turn off power at circuit breaker or fuse and test that the power is off before wiring.

1. Install luminaire as intended using supplemental installation manual(s).
2. Connect the mains supply wires to the luminaire as shown below.

120-277 VAC BATTERY BACKUP SWITCH LIVE – NORTH AMERICA		
SYMBOL	COLOR	CONNECTION
	GREEN	EARTH
L	BLACK	PERMANENT LIVE
L'	ORANGE	SWITCH LIVE
N	WHITE	NEUTRAL

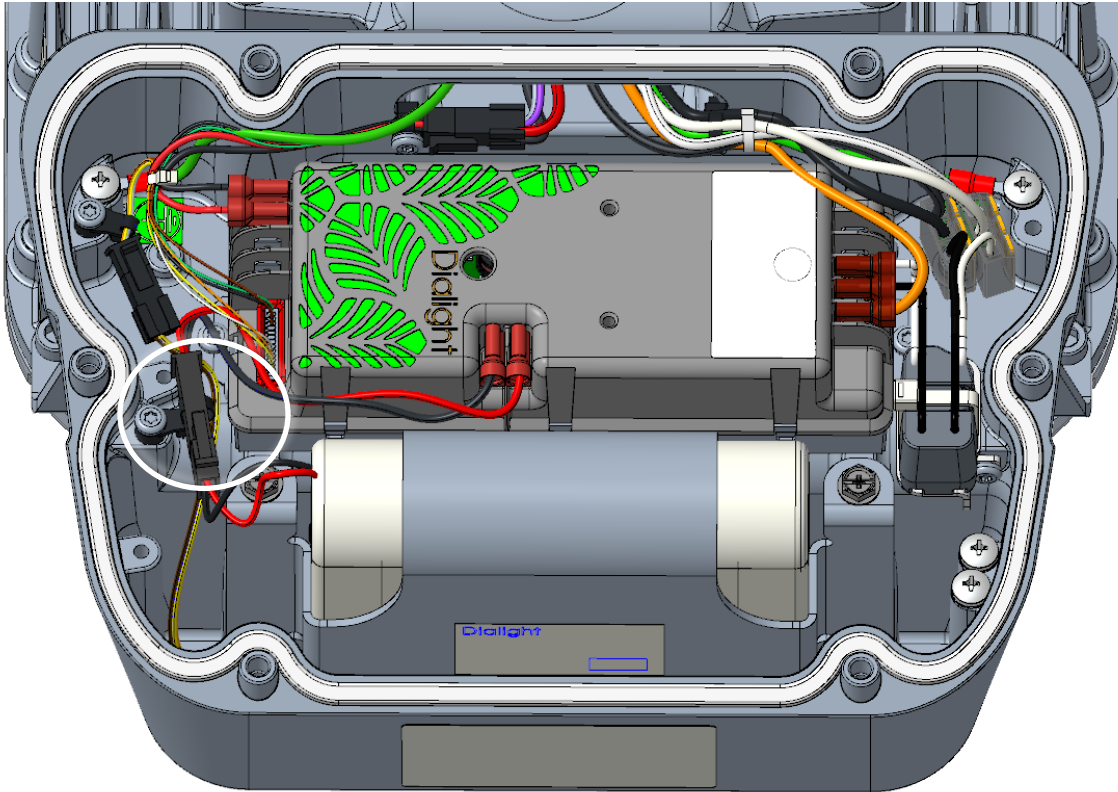
NOTE: For maintained battery backup, connect the black wire to the supply permanent live and the orange wire to the supply switch live. For sustained battery backup, connect both the orange and black wires to the supply live.

Replacing the Battery Pack

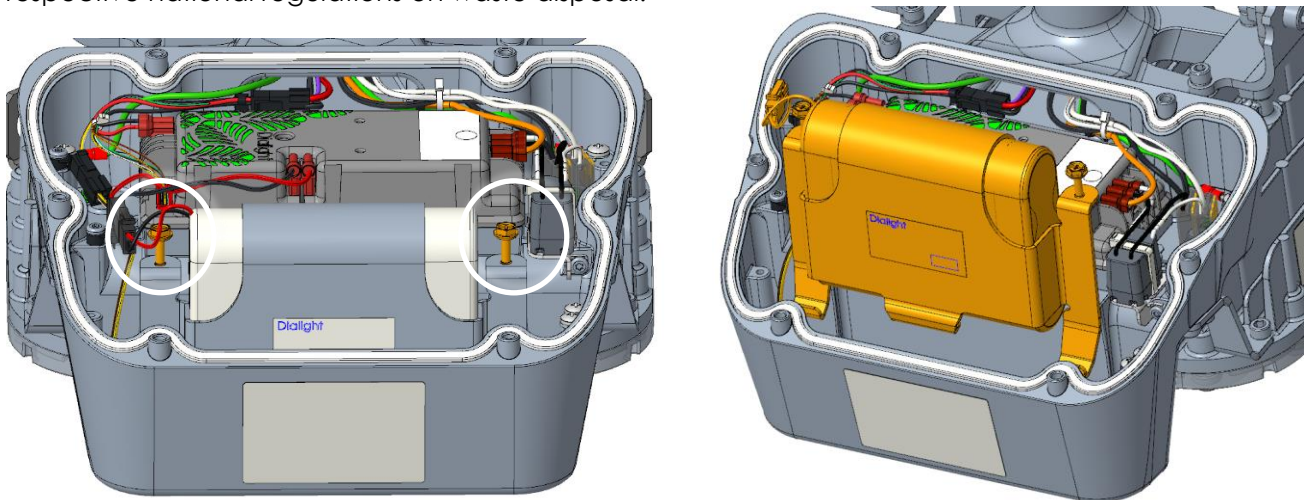
1. Open battery cover by unscrewing six 10-32 captive screws as shown to access battery pack connection.



2. Disconnect battery pack from battery driver as shown.



3. Unscrew two 10-32 screws and slide battery pack out of housing. Discard old battery pack according to respective national regulations on waste disposal.



4. Collect the replacement battery pack and slide into the battery enclosure as shown. Align the two 10-32 captive screws already in the pack with the two corresponding holes in the enclosure. Torque to 28-30 in-lbs

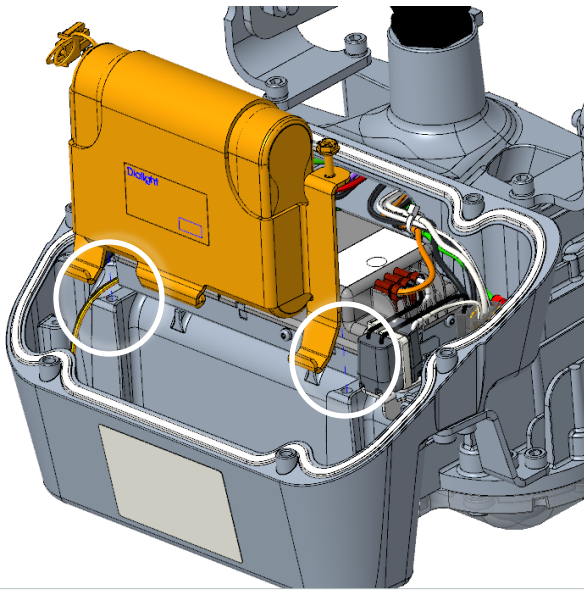


Figure A

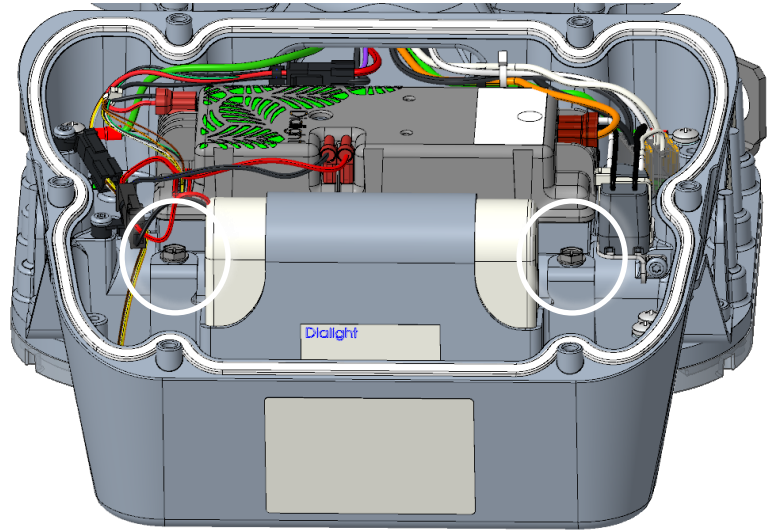
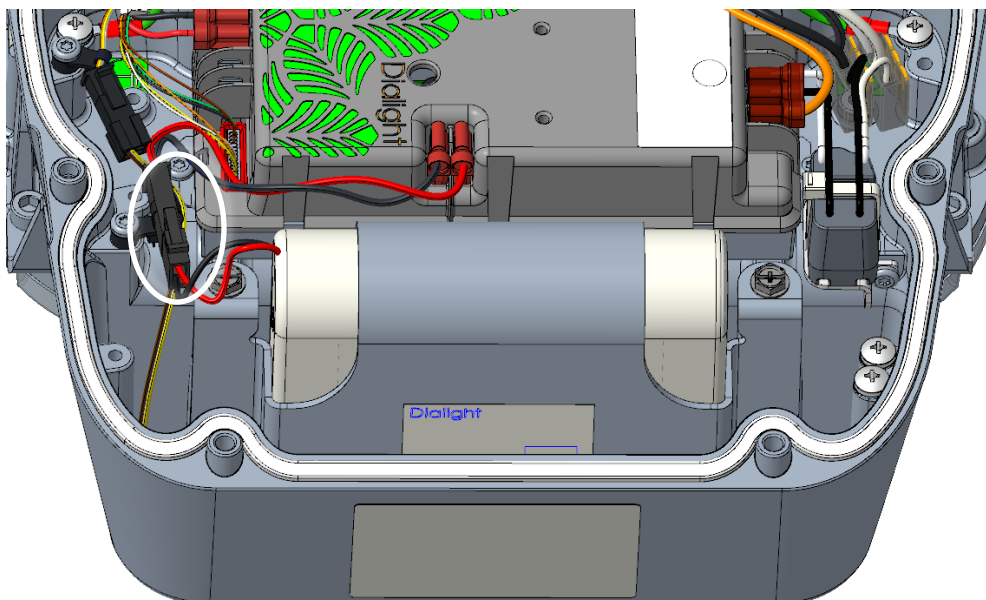
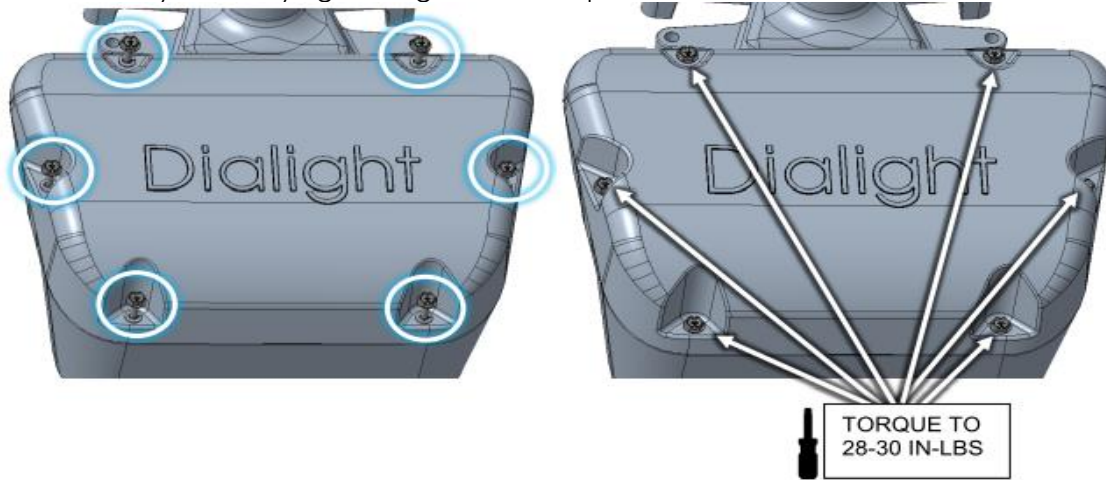


Figure B

5. Connect battery pack to battery driver as shown.



6. Close battery cover by tightening six 10-32 captive screws as shown to 28-30 in-lbs.



NOTE: When closing, be sure no wires interfere with closure to avoid risk of pinching.

Battery Backup Function

Battery Backup Indicator Light Functions

LED Indicator Status	Status/Mode
Green ON and blinks every 10s	System OK/AC OK
Red ON and blinks every 5s	Battery not detected/Faulty. Check connections/Replace Battery
Red LED Blinks every 2s	Light Output Fault. Check wiring connections
RED LED Blinks every 1s	Multiple faults
Green LED Blinks every 2s	Performing Function Test*
Green LED blinks every 1s	Performing Duration Test/Commissioning Test*

*Function Test – Tests for the basic functionality of battery and light output connections

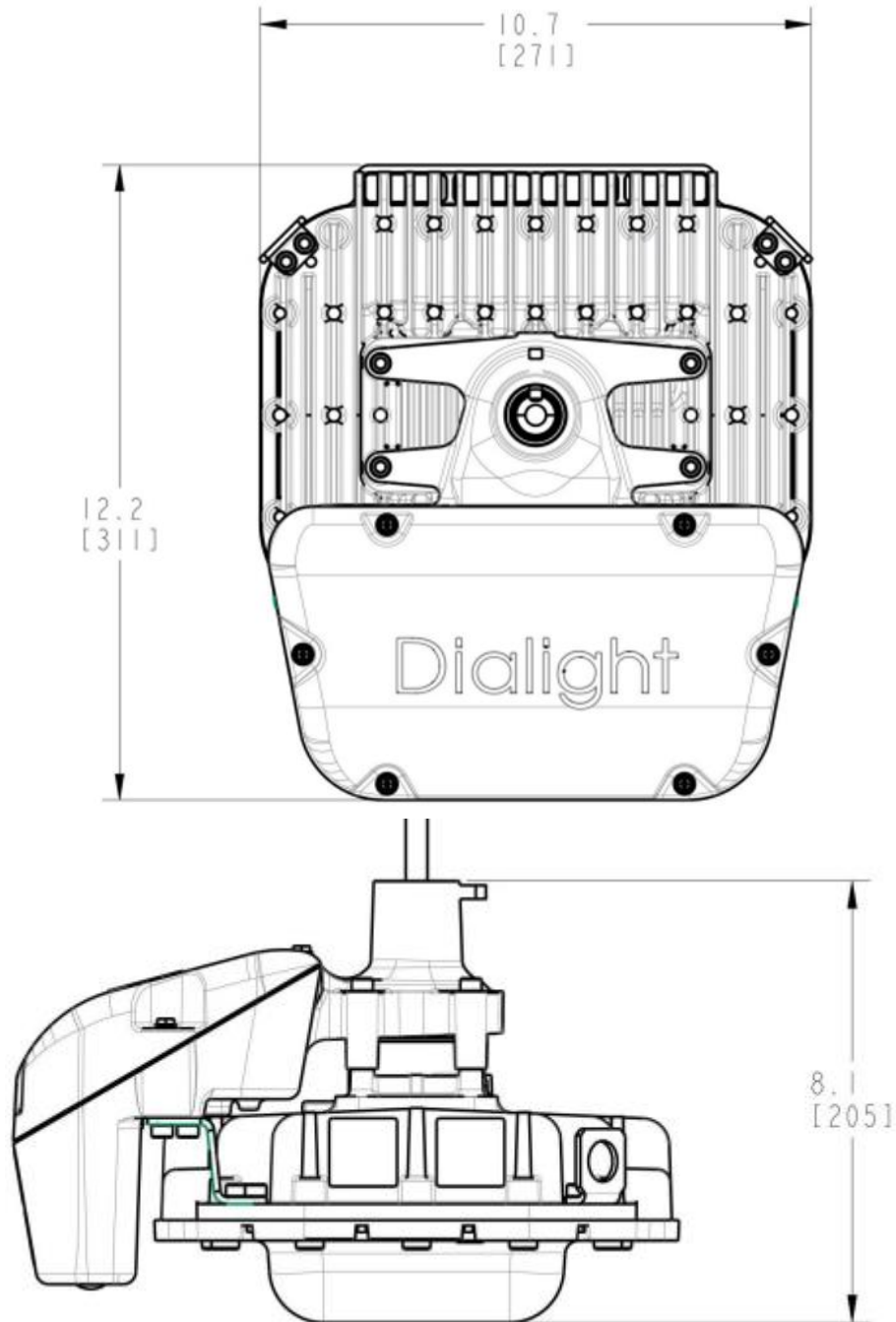
*Duration/Commissioning Test – Tests for full duration of light output in battery backup mode.

<p>Technical Data Area Light Battery Backup</p> <p>Nominal AC Supply Voltage 120-277V AC, 50-60Hz, Single Phase</p> <p>Power Consumption</p> <table border="1"> <thead> <tr> <th>[Lumens]</th> <th>[W]</th> </tr> </thead> <tbody> <tr> <td>9000</td> <td>71</td> </tr> <tr> <td>7000 (Wide Optic)</td> <td>69</td> </tr> <tr> <td>7000</td> <td>57</td> </tr> <tr> <td>6000 (Wide Optic)</td> <td>69</td> </tr> <tr> <td>6000</td> <td>56</td> </tr> <tr> <td>4000</td> <td>35</td> </tr> <tr> <td>3000</td> <td>29</td> </tr> </tbody> </table> <p>Power Factor(AC only) >0.90</p> <p>ATHD (AC only) <10% @120VAC <10% @230/240VAC <12% @277VAC</p> <p>Temperature -4°F to +131°F [-20°C to +55°C]</p>	[Lumens]	[W]	9000	71	7000 (Wide Optic)	69	7000	57	6000 (Wide Optic)	69	6000	56	4000	35	3000	29	<p>Technical Data</p> <p>Temperature -4°F to +131°F [-20°C to +55°C]</p> <p>120-277V AC and 120-250VDC Models</p> <p>Nominal AC Supply Voltage 120-277V AC, 50-60Hz, Single Phase</p> <p>Power Consumption</p> <table border="1"> <thead> <tr> <th>[Lumens]</th> <th>[W]</th> </tr> </thead> <tbody> <tr> <td>13000</td> <td>83</td> </tr> <tr> <td>11000</td> <td>80</td> </tr> <tr> <td>8500 (Wide Optic)</td> <td>78</td> </tr> </tbody> </table> <p>Power Factor (AC only) >0.90</p> <p>ATHD (AC only) <20% @120-277VAC</p>	[Lumens]	[W]	13000	83	11000	80	8500 (Wide Optic)	78	<p>Technical Data Area Light Battery Backup (cont.)</p> <p>Housing Material A360 Die Cast Aluminum</p> <p>Finish Powder Coat Gray, RAL 7040</p> <p>Lens Polycarbonate or glass</p> <p>Dimensions Conduit Mount option 10.7 x 12.2 x 8.1 in. [271 x 311 x 205 mm]</p> <p>All other mounting options Size varies by mount type</p> <p>Maximum Mounting Height: 24 FT</p>
[Lumens]	[W]																									
9000	71																									
7000 (Wide Optic)	69																									
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Technical Diagrams

Dimensions: in [mm]

NOTE: Below is for conduit mount luminaire only. Other available mounting options will effect overall dimensions.



Official Statement

All statements, technical information, and recommendations contained herein are based on information and tests that Dialight believes to be reliable. The accuracy or completeness thereof is not guaranteed. In accordance with Dialight "Terms and Conditions of Sale" and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his or her intended use and assumes all risk and liability whatsoever in connection therewith.

