



EWL-27

Low profile emergency lighting units with SPECTRON[®]
self-testing/self-diagnostic electronics

Fixture Type: _____



LZW30I-0



OMSDB0612

Unit Features

- Includes 1 each, black finish, double-head remote with 6VDC, 12 watt halogen lamps
- Easy to install
- UV stable thermoplastic housing
- Textured ceiling white finish
- Snap-together design
- Mounts to electrical boxes up to 4" square
- 120/277VAC, 60 Hz operation standard
- Fully automatic solid-state charger
- Maintenance-free battery
- 2 hour emergency operation
- Automatic low-voltage battery disconnect and transformer isolation protection
- Test switch
- LED AC-On indicator
- Spectron[®] self-diagnostic/self-testing electronics standard
- Operating Temperature Range:
 - 0° to 40°C (32°F to 104°F)
- UL 924 Listed(Emergency Lighting)

OMS Lighting Fixture



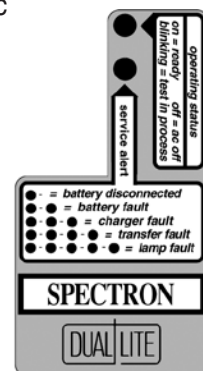
OMS fixtures provide a black aluminum lamp housing with fully adjustable swivels and round, cast aluminum mounting plate. Lamp, swivel and mounting plate are sealed and gasketed for outdoor applications.

Applications

Ideal for environments where a high performance, wall mounted emergency lighting unit with remote outdoor spot halogen lamp fixtures is required. Contoured, low profile design in textured white finish.

Spectron[®] Self-Diagnostic Features

- Microcontroller based self-diagnostic monitoring of entire unit operation, including battery, charger, transfer and lamp faults
- Visual service indicators with manual test switch allows user initiated
- 1, 5, 30 or 60 minute system check at any time
- Automatic battery discharge cycles:
 - * 1 minute every 28 days
 - * 30 minutes semi-annually
 - * 90 minutes annually
- Automatic battery protection (low voltage disconnect)
- Brownout protection circuit
- Automatic AC lockout
- Fifteen minute re-transfer delay after power restoration
- Temperature compensated charger



Hubbell Lighting, Inc.

Product Selector

Model No.	Input Volts
EWL-27	120/277 VAC

Compliances

- UL 924 Listed
- NFPA-101

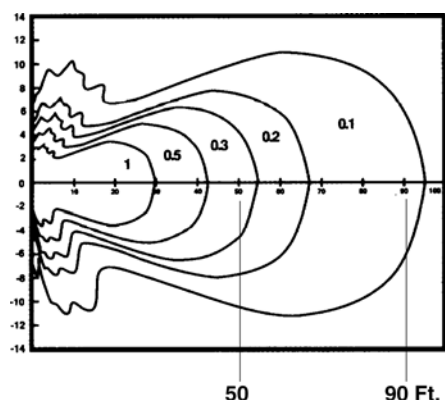
Warranty

- Five year on unit
- 10 years on battery (5 years full, 5 years pro-rata)

Lamp Photometrics

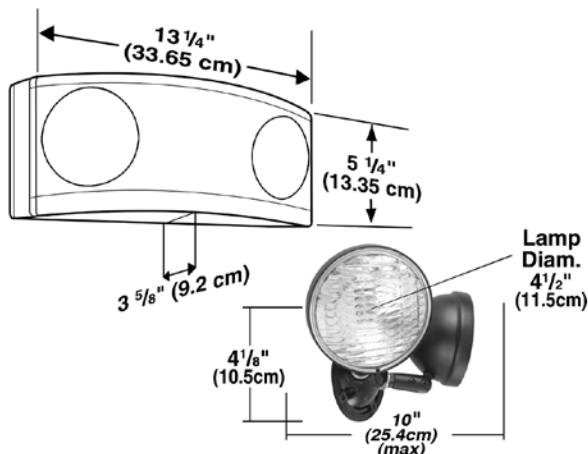
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6 Volt, 12 Watt Halogen Lamp Isofootcandle Distribution Curves



IES formatted data file available on request.

Dimensions



SPECTRON®

- The Spectron self-testing/self-diagnostic electronics system provides:
- Visual indication of AC power status
- Visual Indication of self-diagnostic test cycles
- Visual indication of unit malfunctions

Features

- Meets UL standards for self-testing/self-diagnostic models
- Provides automatic self-diagnostic monitoring and testing of unit operation
- Automatically performs routine maintenance and assures operational readiness at all times
- Monitors charger and lamp operation
- Emergency lamps and transfer circuit monitored during self-test cycles and power failures
- Routine discharge cycles insure optimum battery performance and maximum useful life
- Automatic 1-minute self-test every 28 days, 30-minute self-test at 6 months and a 90-minute full discharge annually
- Automatic low voltage disconnect battery protection
- Automatic unit transfer in brownout conditions
- Automatic AC lockout circuit
- Automatic 15 minute re-transfer delay
- Flashing LED indication of unit malfunction or test cycle
- All detected malfunctions retained in memory until corrected and retested
- Test switch allows a programmable 1, 5, 30 or 60-minute system check at any time

Service Alert

● = battery disconnected	 service alert
● - ● = battery fault	
● - ● - ● = charger fault	
● - ● - ● - ● = transfer fault	
● - ● - ● - ● - ● = lamp fault	
SERVICE ALERT CODES	

Under normal operating conditions, the red Service Alert LED indicator will remain off. In the event of a detected malfunction, the red Service Alert LED will blink at a one cycle per second rate based on the following table:

Service Alert Code	Description
One blink ON/pause	Battery not connected
Two blinks ON/pause	Battery fault
Three blinks ON/pause	Charger fault
Four blinks ON/pause	Transfer circuit fault
Five blinks ON/pause	Lamp fault (LED strip)