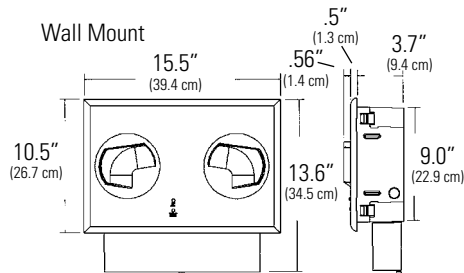
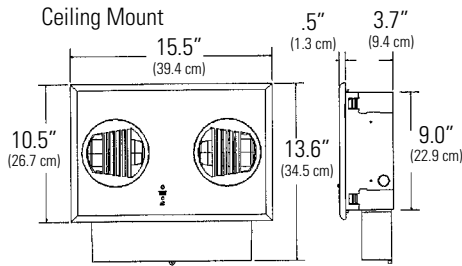


# LIGHTOLIER® Solution Series Emergency Lighting SOLUTION

Page 1 of 2

12 Volt 72 Watts Recessed Steel Housing with Impact Resistant Polycarbonate Cover

The Solution is an architectural, fully recessed emergency light of unsurpassed performance. Available in either ceiling mount or wall mount versions, Solution can light up to 90 linear feet to one footcandle average. Solution is fully recessed, therefore it's unobtrusive — and unlike surface mount emergency lights, it does not invite tampering.





Cut-out dimensions are 14 3/4" x 9 1/8"

## Performance

I.E.S. format photometric data files are available for use with most lighting layout application software. Contact Lightolier Sales for specific layout assistance at 910-259-1000

Complete Fixture consists of unit and two lamp reflector systems.

## How to Specify:

|                     |   |   |
|---------------------|---|---|
| <b>SOLUTION</b>     |  |  |
| <b>Model Series</b> | <b>Housing</b>  | <b>Mounting</b>   |
| Solution            | W = White<br>B = Black  | WL = Wall Mount<br>CL = Ceiling Mount   |

## EXAMPLE:

SOLUTIONWWL (Wall Mount)  
SOLUTIONWCL (Ceiling Mount)

## Features

- 1. Illumination:** Two high performance 35 watt MR16 lamps combined with a patented reflector system. Optical assemblies can be rotated from 0° to 90° for corner installations.
- 2. Housing:** 20 gauge galvanized steel backbox, flush cover and diffusers constructed of impact resistant polycarbonate. White finish is standard, black is optional.
- 3. Mounting:** Unit is either ceiling or wall mountable. (Specify mounting)
- 4. Optional Self-Testing/Self-Diagnostics:** Unit performs automatic three minute discharge test every 30 days. A manual discharge test from one to 90 minutes is available. Real-time system checks occur automatically every minute. Individual LED indicators illuminate red if either a battery, charger or lamp failure occurs.
- 5. Electronics:** 120/277 VAC dual voltage input with surge-protected, solid-state charging circuitry Fully automatic, voltage regulated charging system is complete with low voltage disconnect, AC lockout, and brownout protection. Includes an AC indicator/systems status lamp and manual test switch.
- 6. Battery:** Maintenance free, sealed lead calcium battery with 5 year life and an operating temperature between 65°F (19°C) and 85°F (30°C).
- 7. Input Power Requirements:**  
120 VAC- .32 amps; 277 VAC- .14 amps

## Warranty

**Electronics:** 3 years, **Battery:** 5 years (1 year full, 4 years pro-rata)

## Code Compliance

U.L. 924 listed for insulated ceiling systems (IC rated).  
NFPA 101, NEC, BOCA and OSHA illumination standards.  
Meets ADA specifications for wall mounted lighting fixtures.

## Options

SD = Self-Diagnostics  
SDTD = Self-Diagnostics with Time Delay  
EX = Special Transformer (Specify voltage & frequency)  
RTS1 = Remote Test  
TP = Tamperproof

## Accessories

IBHK = Bar Hanger Kit for Mechanical Ceilings  
T15TPTOOL = Tamperproof Screwdriver  
WMLKIT = Wall Mounted Lens Kit  
CMLKIT = Ceiling Mounted Lens Kit  
CMLKITB = Ceiling Mounted Lens Kit for Black Unit

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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# LIGHTOLIER® Solution Series Emergency Lighting SOLUTION

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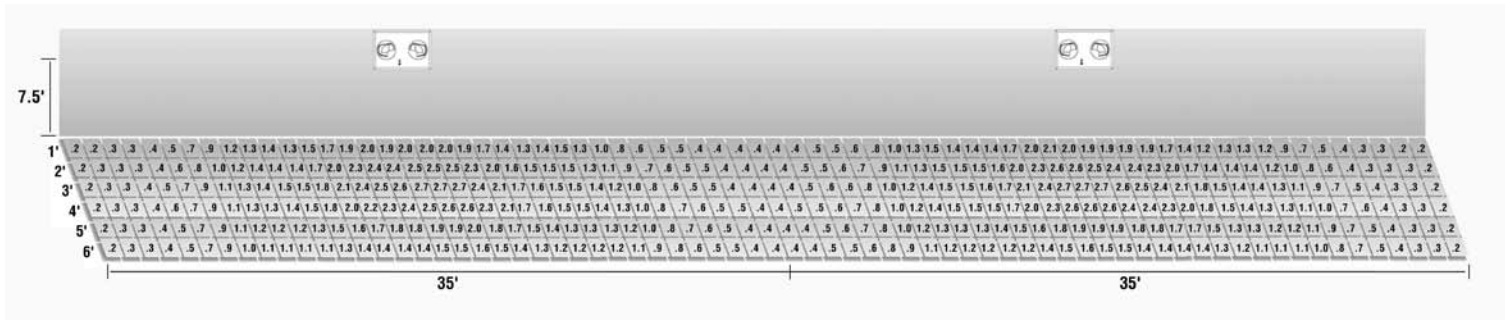
12 Volt 72 Watts Recessed Steel Housing with Impact Resistant Polycarbonate Cover

## Optics

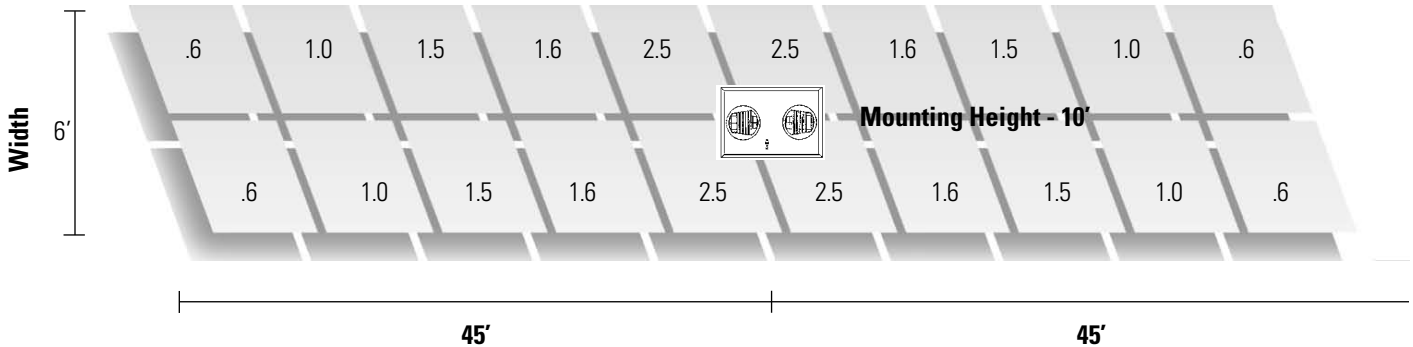


Shown: SOLUTIONWCL  
(Ceiling Version, Before Installation)

## Recessed Wall Mount Version



## Recessed Ceiling Mount Version — 90 Feet Coverage to One Footcandle Average



Average initial footcandles at floor = 1.5  
Maximum initial footcandles at floor = 2.5

Minimum initial footcandles at floor = .6  
Maximum to minimum ratio = 4.2 - 1.0

|                        |              |
|------------------------|--------------|
| <b>Job Information</b> | <b>Type:</b> |
|------------------------|--------------|

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