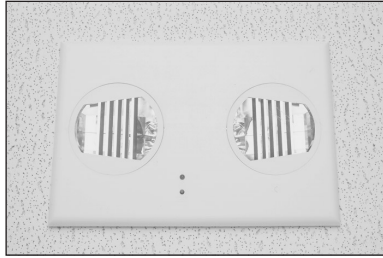


Type No. _____
Job Name _____
Catalog No. _____



A DIVISION OF GENLYTE THOMAS GROUP, LLC

patent pending



Shown: 11W (Ceiling Version)



Shown: 11W (Wall Version)



Listed to
924

Illusion

Architectural, Fully Recessed Emergency Lighting

- 12 Volt, 72 Watts
- Sealed Lead Calcium Battery
- High Performance 35 Watt MR16 Lamps

Housing

- Backbox constructed of 20 gauge galvanized steel. Flush cover and diffusers constructed of impact resistant polycarbonate
- Available with choice of white or black housing colors
- Faceplate may be painted or wallpapered to match wall or ceiling decor
- Suitable for wall or ceiling mounting
- Wall mounted units can be fastened to wood or metal studs from either the left or right side
- Ceiling mounting is accomplished with grid ceiling bar hangers

Battery

- Maintenance free, sealed lead calcium battery has an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)*
- Battery supplies 90 minutes of emergency power

* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C).

Illumination

- Illumination is provided by two high performance 35 watt MR16 lamps combined with a patented reflector system
- Ceiling mounted units will produce an average of one footcandle of egress lighting along a 90 foot linear path
- Wall mounted units will produce an average of one footcandle of egress lighting along a 60' egress path
- Lamps remain hidden during emergency illumination

Warranty

Electronics: 3 years

Battery: 1 year full, 4 years pro-rata

Electronics

- 120/277 VAC dual voltage input with surge protection
- Lead calcium units utilize a solid-state, fully automatic, voltage regulated charger
- Brownout protection activates lights when AC voltage drops 20% below nominal
- Labor saving AC lockout feature
- Low voltage disconnect switch (LVD) prevents deep battery discharge
- Power Consumption: .32 amps (120 VAC), .14 amps (277 VAC)

Self Diagnostics (optional)

- OmniTest Self-Diagnostics includes automatic and manual tests to ensure unit is operating properly, and assists user in meeting code requirements
- Includes an automatic discharge test every 30 days
- A one to ninety minute discharge test is available and can be initiated by the user
- Real-time system checks occur automatically every minute
- Individual LED indicators illuminate red if either a battery, charger or lamp failure occurs

Code Compliance

- UL 924 listed for insulated ceiling systems (IC rating)
- NFPA 101
- NEC, BOCA and OSHA illumination standard
- Meets ADA specifications for wall mounted lighting fixtures

Application

- Illusion is designed to blend unobtrusively into architectural spaces. The flush to wall or ceiling face plate is available in multiple finishes to complement any interior.

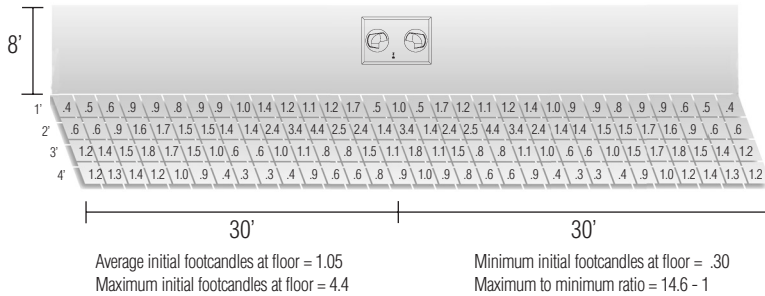
Illusion Architectural, Fully Recessed Emergency Lighting

Ordering Information

SERIES	WATTAGE	# OF FACES	FACTORY INSTALLED OPTIONS
I = Illusion Concealed Emergency Lighting Unit	1 = 72 Watts	W = White B = Black	OT = Self-Diagnostics (consult factory for availability) EX = Special Input Transformer (Must specify voltage & frequency) RTS1 = Remote Test TP = Tamperproof

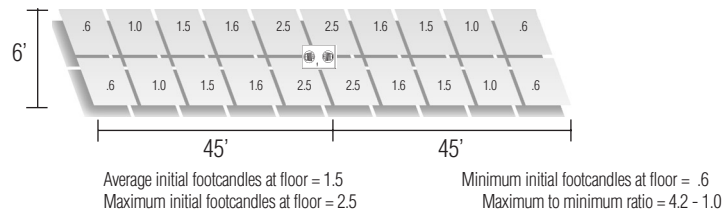
Performance

Recessed Wall Mount Version



Performance

Recessed Ceiling Mount Version



Suggested Specification

Furnish and install Lightguard concealed emergency lighting model _____. The unit shall be listed to Underwriter's Laboratories, Inc. Standard #924 and shall meet the standards of the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Unit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. (Emergency Operation Only) - Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination level for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGER (Emergency Operation Only) - Unit shall utilize a fully automatic, voltage regulated charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: Low voltage disconnect (LVD), brownout protection and AC lockout. Optional self-diagnostics shall monitor and indicate a fault occurring in either the charger, battery, lamp circuit or input supply.

BATTERY (Emergency Operation Only) - The battery shall be maintenance free, sealed lead calcium. The sealed lead calcium battery shall provide trouble-free operation in temperatures up to 85°F (30°C) and is supplied with a four year warranty.

ILLUMINATION - Illumination shall be provided by two high performance 35 watt MR16 lamps combined with a patented reflector system. The lamps shall remain hidden during emergency illumination. Ceiling mounted units shall produce an average of one footcandle of egress lighting along a 90 foot linear path. Wall mounted units shall produce an average of one footcandle of egress lighting along a 60 foot linear path.

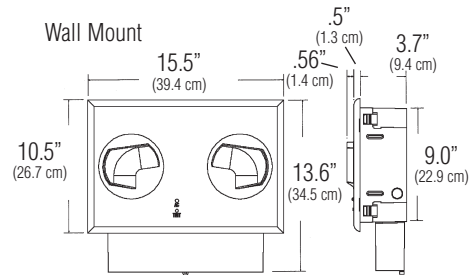
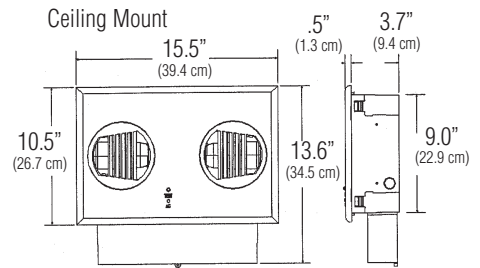
HOUSING - Faceplate and optical assembly construction shall be impact resistant, UL 94 V-0, 5 VA high temperature polycarbonate. Backbox shall be 20 gauge galvanized steel. Product shall be furnished with the standard white finish, or the optional black housing. Faceplate shall have the ability to be painted or wallpapered if desired. Product shall be suitable for wall or ceiling mounting. Wall mounted units shall be fastened to wood or metal studs from either the left or right side. Ceiling mounting is accomplished with grid ceiling bar hangers. Product shall utilize a quick connect feature to simplify wiring by allowing immediate connection to service.

Accessories

IBHK = Bar Hanger Kit for Mechanical Ceilings

T15TPTOOL = Tamperproof Screwdriver

Dimensions



Cut Out Dimensions are 14 3/4" x 9 1/8"