Mini Invisilite™

The Next Generation:
No back-box / Higher capacity / Easy retrofit

The **ReadyLite Mini Invisilite™** is specially designed for retrofitting applications. In normal conditions (stand-by) the unit is completely concealed in the wall. In case of power failure the door of the unit flips 180° and exposes two high-efficiency MR16 lamps to illuminate the path of egress. When AC power is restored, the lights turn off and the door closes. For more information, please visit www.readylite.com/news.htm and view the Mini Invisilite™ Video.

Features

- **Easy to retrofit in finished walls:** the unit slides in through an 8.25-in by 5.75-in hole, open next to a wall stud
- **No pre-installed back-box**
- **Input:** Standard AC input 120/347Vac; optional 120/277Vac
- **Output:** 12Vdc with up to 160 watts of power
- **Battery:** choice of sealed, maintenance-free Lead-Calcium or Nickel-Metal Hydride
- **Remote capacity:** can drive several wall or ceiling-mount 12-Vdc remote **Invisilite™** fixtures
- **Charger:** micro-controller driven, temperature compensated, high-precision, fast recharge
- **Remote AC fixture:** direct connection to 120 or 347Vac power generators
- **Emergency Lights:** MR16 halogen lamps; power range from 12 to 50Watts
- **Certification: CSA C22.2 No.141**

Made in Canada

AUTO TEST

READY-LITE™

Project/Location:	Date:
Contractor:	Prepared by:

Mini Invisilite™

Typical Specification

Supply and install **Ready-Lite Mini Hide-a-Lite**. The unit shall be designed to be completely concealed in walls with a cavity. The equipment shall consist of a metal housing containing two modules joined by a flexible bracket and electric conduit. One module contains the battery, charger circuitry and electrical connection box; the other module contains the emergency lights installed on the back of a door able to rotate 360°. The unit equipment shall be completely concealed in the wall, after the installation through a rectangular opening not larger than 8.25-in by 5.75-in. In stand-by mode, the only visible parts of the unit shall be the flat door and trim plate, coated with an off-white finish that can be customized on site with paint or other suitable wall covering. Upon a power failure the unit will expose the emergency heads by rotating its door 180° and then will power the lamps. At the restoration of the AC power or at the end of the battery discharge, the lamps will turn off and the unit will retract the heads by rotating the door.

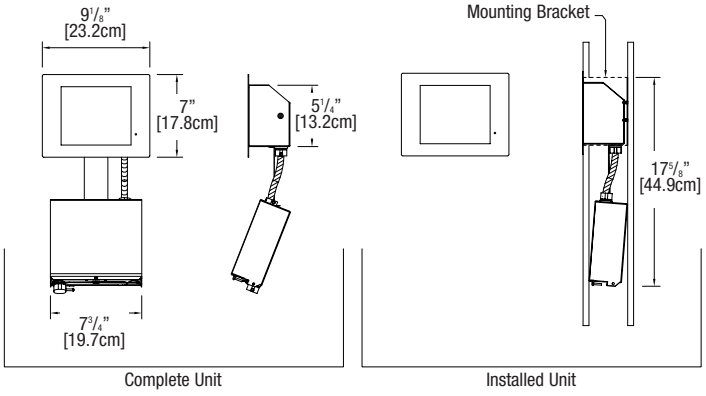
The unit shall not require the presence of AC power in order to close the door. The door of the unit shall be easy to open or close by hand, in any rotation direction. The light source shall be 12V MR16 halogen lamps of specified wattage and light output. The unit shall supply the rated load for a minimum of 30 minutes or until the battery is discharged to 87 ½% of its nominal voltage (whichever duration is longer). The charger circuitry shall utilize a micro-controller that samples the battery in relation to the ambient temperature, state of charge, and input voltage fluctuations. The charger shall be current limited, temperature compensated and short-circuit proof. The circuit will charge in accordance with the CSA C22.2 – 141 requirements. The unit shall be furnished with a recessed, illuminated push button serving as test switch and status indicator light.

Auto-diagnostic: the unit will come complete with the **Ready-Lite** series of auto-diagnostic micro-controller circuitry that will ensure the equipment readiness and reliability by continuously monitoring every critical function of the unit. If a component failure occurs, the pilot light on the front of the unit, will change color from green to red and will flash indicating a fault. A detailed diagnostic legend shall be available on the back of the door and shall provide fault identification. The auto-diagnostic shall simulate a power loss for one minute monthly, 10 minutes every sixth months, and a full 30-minute test every 12 months.

The equipment shall be **Ready-Lite** catalogue number: MH_____.

PATENT PENDING

Dimensions



Power Consumption

Model	AC Specs		Wattage Capacity			
			30 min.	1 hour	2 hours	3 hours
MHL80	120/347Vac	0.25 / 0.08 Amp	80	40	24	-
MHH100	120/347Vac	0.25 / 0.08 Amp	100	70	36	24
MHG	120Vac	Max. 0.95 Amp	Max. 100W load			
MHG-2	277Vac	Max. 0.45 Amp	Max. 100W load			
MHG-3	347Vac	Max. 0.35 Amp	Max. 100W load			

Ordering Information

Battery Unit EXAMPLE: MHH10050WHAD

Series	Unit Battery and Capacity	Lamp Wattage (12V MR16)	Options	A.C. Voltage
MH	**L80**= Lead-Calcium, 12V, 80W **H100**= Nickel-Metal Hydride, 12V, 100W **H160**= Nickel-Metal Hydride, 12V, 160W	**12W**= 2x 12watt MR16 **20W**= 2x 20watt MR16 **35W**= 2x 35watt MR16 **50W**= 2x 50watt MR16 **20WH**= 2x 20watt MR16, High lumen output **35WH**= 2x 35watt MR16, High lumen output **50WH**= 2x 50watt MR16, High lumen output	**AD**= autodiagnostic **ADN**= autodiagnostic, non-audible **D3**= time delay 15 minutes	**Blank**= 120/347Vac **U2**= 120/277Vac

Remote EXAMPLE: MHG50WH

Series	Unit Capacity	Lamp Wattage (12V MR16)	Options	A.C. Voltage
MH	**G**= Remote AC generator, max. 100W	**12W**= 2x 12watt MR16 **20W**= 2x 20watt MR16 **35W**= 2x 35watt MR16 **50W**= 2x 50watt MR16 **20WH**= 2x 20watt MR16, High lumen output **35WH**= 2x 35watt MR16, High lumen output **50WH**= 2x 50watt MR16, High lumen output	**TB**= T-bar mounting kit	**Blank**= 120Vac **2**= 277Vac **3**= 347Vac

Thomas&Betts

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