

Interno Retracted Recessed

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Clean, concealed and unobtrusive lighting solution

Up to 80' spacing on centre

Textured white powder coat finish can be painted to match any décor



Lamps retract when not in Emergency mode

2 x 25W MR lamps

EXTERNAL SPECIFICATIONS

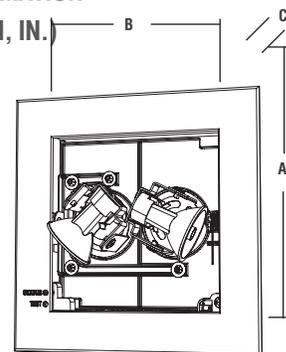
Quality die-cast zinc frame and door, finished in durable textured white powder coat. Can be field painted or wall papered to further blend with the architecture. The rotating door on the **INTERNO** is just 4" square. Test switch and monitor LED are standard. Infra-red remote testing transmitter can be ordered separately, typically only one or two are required per site.

INTERNAL SPECIFICATIONS

The **INTERNO** series is configured with field selectable 120 or 277 VAC 60 Hz input. (Consult factory for other input voltages). Solid state microprocessor controlled circuitry also includes line latch, brownout protection, battery monitoring and reverse polarity protection. Lead calcium batteries are standard. The **INTERNO** has a lumen output of 419 lm. CSA 22.2 No. 141-15 Performance Certified.

ORDERING INFORMATION

DIMENSIONS (MM, IN.)



Series	A	B	C
INT	159mm	102mm	89mm
	6 1/4"	4"	3 1/2"

Series	Lamps	Battery	Options
INT	25 (Superflux 90 min)	LC (Sealed lead calcium)	P (Pre-shipped back box)
	20 (Superflux 120 min)	NC (Nickel-cadmium)	TD (Time delay - 15 mins)
			IRT (Infra-red remote)

EXAMPLE: INT-25-NC
 DESCRIPTION: Retracted recessed Interno with 25W Superflux MR lamps, universal mounting, Nickel-cadmium battery



INDOOR ARCHITECTURAL EMERGENCY



Interno - not in Emergency Mode

INSTALLATION

The **INTERNO** emergency luminaire is suitable for universal, wall or ceiling mount, compact 3” deep recessed housing. Type IC listed, ideal for wall and shallow plenum applications

MECHANICAL SPECIFICATIONS

The **INTERNO** is constructed with a quality die-cast zinc frame and door, finished in durable textured white powder coat. Custom colour matching is available, please specify. Fully adjustable mounting hardware suits virtually all mounting applications. Soft-close door prevents early lamp failure and movement due to slamming. Modular assembly and quick connector wiring provide for fast installation and ease of maintenance. Easy installation snap-in spring retainer automatically adjusts for wall/ceiling thickness.

BATTERY TECHNOLOGY

The **INTERNO** series is designed with a maintenance free, sealed valve regulated lead calcium battery that provides a minimum emergency duration of 90 minutes (for the listed rating) and up to an optional 120 minutes. Battery monitoring circuit detects battery failure and pulses indicator to alert the need to replace the battery. The maximum working temperature is 50° C.

LAMP TECHNOLOGY

The **INTERNO** comes standard with two concealed 25 watt Superflux MR halogen lamps. These lamps are equal in light output to equivalent 35 watt MR11 lamps. Soft-start lamp circuit ensures optimum lamp life. Spring latch lamp holders are independently fully adjustable swivel and turn for up to 80’ spacing.

RECESSED DESIGN

The **INTERNO** series unit is designed to be fully recessed into a drop ceiling, standard ceiling or wall. Self-adjusting frame trim and door assembly are spring latched with no unsightly external mounting hardware.

RECOMMENDED CENTER TO CENTER UNIT SPACING - 25 WATT MR11 LAMP STANDARD L110061 LAMP

Ceiling Mount			Wall Mount			
Ceiling Height	Vert. Aiming Angle (Deg)	Unit Spacing (Multiple units)	Ceiling Height	Unit/Lamp Height	Vert. Aiming Angle (Deg)	Unit Spacing (Multiple units)
8'	68	80'	9'	7'	70	80'
9'	66	80'	10'	8'	68	80'
10'	63	80'	12'	10'	63	80'
12'	59	75'	14'	12'	59	75'
14'	53	70'	16'	14'	55	70'

RECOMMENDED CENTER TO CENTER UNIT SPACING - 20 WATT MR11 LAMP STANDARD L110060 LAMP

Ceiling Mount			Wall Mount			
Ceiling Height	Vert. Aiming Angle (Deg)	Unit Spacing (Multiple units)	Ceiling Height	Unit/Lamp Height	Vert. Aiming Angle (Deg)	Unit Spacing (Multiple units)
8'	61	65'	9'	7'	64	65'
9'	58.5	65'	10'	8'	61	65'
10'	55	60'	12'	10'	55	60'
12'	50	60'	14'	12'	50	60'
14'	45	55'	16'	14'	45	55'

Tables and Photometrics independently tested and compiled by ITL Boulder Testing Laboratories for custom lamps L110061 and L110060.

Recommended spacings based on requirements for meeting the Life Safety Standard minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes that the fixture is mounted in open room 200 ft. wide and 200 ft. long with reflectance of 80/50/20 over 4 ft. path of egress.

Note: Recommended spacings calculated from laboratory data taken under controlled conditions in accordance with I.E.S. approved methods. Actual performance results will vary due to field conditions.

INDOOR ARCHITECTURAL EMERGENCY