

Interno LED Retracted Recessed

Job/Location: _____

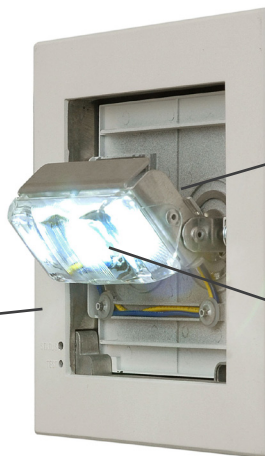
Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Clean, concealed
and unobtrusive
lighting solution

Up to 55' spacing
on centre

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



Lamps retract when not
in Emergency mode

3 x 3W
high output LEDs



INDOOR ARCHITECTURAL EMERGENCY

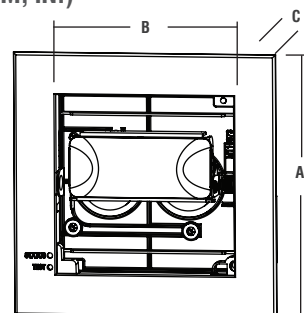
EXTERNAL SPECIFICATIONS

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 LED** 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 LED** 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 and reverse polarity protection. Choice of maintenance free Sealed Lead Calcium or Nickel Cadmium. The **INTERNO LED** has a lumen output of 538 lm for the wall mount configuration, and 561 lm for ceiling mount. CSA 22.2 No. 141-15 Performance Certified.

DIMENSIONS (MM, IN.)



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

ORDERING INFORMATION

Series	Battery	Options
INT-LED	LC (Sealed lead calcium)	P (Pre-shipped back box)
	NC (Nickel-cadmium)	TD (Time delay - 15 mins)
		SM (Surface mount)
		CC (Custom Colour)
		IRT (Infra-red remote)

EXAMPLE: INT-LED-NC

DESCRIPTION: Retracted recessed Interno with 3 x 3W LEDs, universal recessed mounting, Nickel-cadmium battery



Interno LED - not in Emergency Mode

INSTALLATION

The **INTERNO LED** 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.

BATTERY TECHNOLOGY

The **INTERNO LED** series is designed with a maintenance free, sealed valve regulated lead calcium battery that provides a minimum emergency duration of 120 minutes. Integral battery maintenance discharge for NiCad batteries. The working temperature is from 10°C to 40° C.

RECESSED DESIGN

The **INTERNO LED** 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.

LED TECHNOLOGY

The **INTERNO LED** comes standard with three concealed 3 watt LEDs. The LEDs provide 561 absolute lumens on a 70° adjustable light-bar providing up to 55' spacing on center. Custom designed refractor lens provides optimum light distribution.

MECHANICAL SPECIFICATIONS

The **INTERNO LED** 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. Unique non-contact magnetic door positioning ensures accurate and reliable opening and closing. Patented unidirectional deflecting drive band operation provides limited mechanical movement ensuring trouble free operation. 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.

SELF-DIAGNOSTICS

Automatic, discreet monthly Self-Testing/ Self-Diagnostics, monitors lamp load, transfer circuit, battery capacity, door operation and motor drive.

RECOMMENDED CENTER TO CENTER UNIT SPACING - WALL MOUNT

Wall Mount - Corridor Lighting				Wall Mount - 200' x 200' Open Room			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing	Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
9'	7'	55'	52.5'	9'	7'	50'	47'
10'	8'	50'	50'	10'	8'	42.5'	42.5'
12'	10'	45'	40'	12'	10'	35'	35'
14'	12'	35'	35'	14'	12'	27.5'	27.5'
16'	14'	30'	30'	16'	14'	22.5'	22.5'

RECOMMENDED CENTER TO CENTER UNIT SPACING - CEILING MOUNT

Ceiling Mount - Corridor Lighting				Ceiling Mount - 200' x 200' Open Room			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing	Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
8'	8'	55'	52.5'	8'	8'	42.5'	42.5'
9'	9'	50'	47.5'	9'	9'	37.5'	37.5'
10'	10'	45'	45'	10'	10'	32.5'	32.5'
12'	12'	35'	35'	12'	12'	27.5'	27.5'
14'	14'	30'	30'	14'	14'	20'	20'

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.