



# PLURALUCE® RECESSED

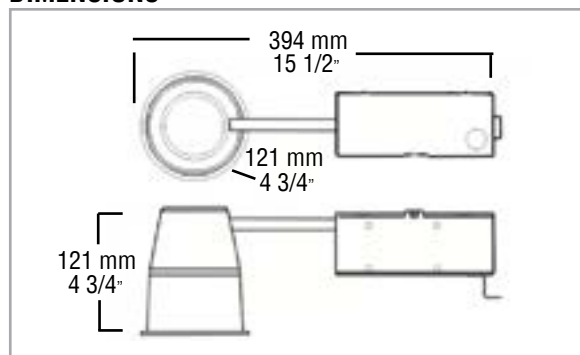
Recessed 4" LED

Project Name: \_\_\_\_\_ Model Number: \_\_\_\_\_  
Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_

## FEATURES & BENEFITS

- Up to 55' spacing on centre
- New or retro-fit construction
- Suitable for shallow plenum ceilings
- Integrated test switch
- 2 interchangeable lenses for symmetric or asymmetric distribution
- 4 x 2.5W LEDs 4000K
- Multi-coloured LED indicator
- Choice of operations; EM, ACEM and AC
- Configured with two-wire 120-347VAC 60 Hz input
- Suitable for use in non-IC installations only
- CSA 22.2 No. 141-15 Performance Certified

## DIMENSIONS



## BATTERY TECHNOLOGY

The **PLURALUCE®** EM and ACEM versions come standard with a Ni-MH battery pack that provides a minimum of 30 minutes emergency duration. Optional 90 or 120 minute Ni-MH batteries are available. The maximum battery operating temperature is +40°C and the minimum is +10°C.

## BELUCE AUTO-TEST (AT)

The BeLuce auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. A manual Test feature is included when the Auto-test option is selected. The manual test will run a 30 second, 15 minute or 90 minute test by pressing the correct sequence of the test switch.

## LED TECHNOLOGY

The **PLURALUCE®** is illuminated with four 2.5W LEDs. Under any operation, the **PLURALUCE®** delivers between 826 lm - 845 lm. Each pair of LEDs are laid out in parallel on the LED module so if one pair fails, the other will remain illuminated. A high-efficiency LED driver is used to maintain a constant output current to all LEDs. The LEDs are rated for >54,000 hours at L80.

## AC INPUT RATINGS

OPERATION	VOLTAGE	WATTAGE	RATED CURRENT
AC Only	120/277/347	13.0/13.1/13.4	0.25/0.15/0.10
ACEM	120/277/347	17.3/17.0/17.1	0.35/0.25/0.15
EM	120/277/347	4.5/5.0/5.1	0.15/0.10/0.05

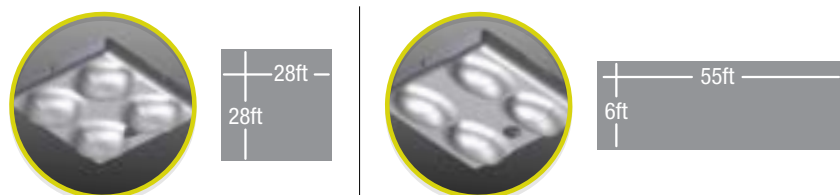
## ORDERING GUIDE

PL-R

SERIES	OPERATION	VOLTAGE	OPTIONS
PL-R	EM (Emergency / AC fail only) AC (Normally on) <sup>1</sup> ACEM (Normally on / EM backup)	120-347V	AT (Auto-test) 90SP (90 min. emergency) 120SP (120 min. emergency) BA (Brushed aluminum finish)

NOTE: <sup>1</sup>Unswitchable

## LENS DISTRIBUTION PATTERNS - CEILING



Reflectancies are 80 x 50 x 20, measurements are not to scale

## LENSES

The **PLURALUCE®** recessed is supplied with 2 lenses for a choice of distribution patterns. The custom designed lenses are constructed of optical grade polycarbonate. One lens provides a symmetrical distribution pattern and is suitable for use in open areas with spacing of up to 28' on centre. The second lens is an asymmetric pattern designed for use in hallways and corridors with spacing of up to 55' on centre. For AC and ACEM operations frosted lenses are provided.