



PLURALUCE® SURFACE

Compact Surface Mounted LED Battery Unit

Project Name: _____ Model Number: _____
 Prepared By: _____ Date: _____

FEATURES & BENEFITS

- Up to 55' spacing on centre
- Aluminum cover
- Integrated test switch
- 3 interchangeable lenses for symmetric or asymmetric ceiling or wall distribution
- Multi-coloured LED indicator
- 4 x 2.5W LEDs 4000K, 826 lm - 845 lm; LEDs are rated for >54,000 hours at L80
- A high-efficiency LED driver is used to maintain a constant output current to all LEDs
- CSA 22.2 No. 141-15 Performance Certified

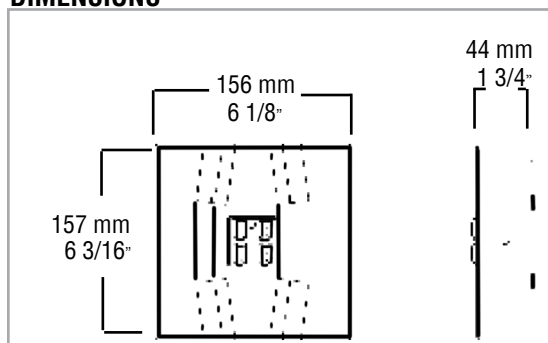
BATTERY TECHNOLOGY

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.

BEGHELLI AUTO-TEST (AT)

The Beghelli 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.

DIMENSIONS



LENSES

The **PLURALUCE®** surface is supplied with 3 lenses for a choice of distribution patterns. These custom designed lenses are constructed of optical grade polycarbonate. The symmetrical ceiling distribution is suitable for use in open areas with spacing of up to 28' on centre. The asymmetrical ceiling distribution is designed for use in hallways and corridors with spacing of up to 55' on centre. The asymmetrical wall distribution provides 35' on centre with a 6' wide path of egress. For AC and ACEM operations frosted lenses are provided.

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

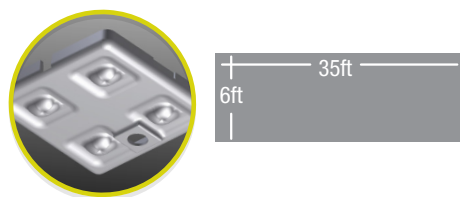
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SERIES	OPERATION	VOLTAGE	OPTIONS
PL	EM (Emergency / AC fail only) AC (Normally on) ¹ACEM (Normally on / EM backup)	120-347V	AT (Auto-test) 90SP (90 min. emergency) 120SP (120 min. emergency) CC (Custom Colour - specify) BA (Brushed aluminum finish) TP (Tamper proof screw)

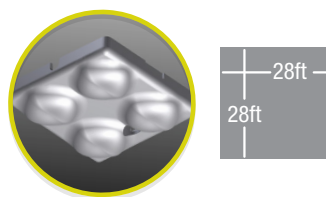
NOTE: ¹Unswitchable

LENS DISTRIBUTION PATTERNS

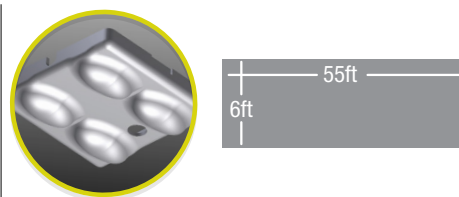
WALL:



CEILING



CEILING



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