

Mezzo Die-Cast LED General Lighting With Emergency Backup

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____



EXTERNAL SPECIFICATIONS

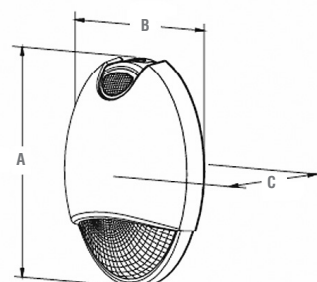
The **MEZZO** is a die-cast aluminum construction with a durable powder coat finish. The lenses are constructed of a durable UV stabilized polycarbonate with reflector for maximum illumination.

Two mounting styles are included as standard; wall junction box or top feed conduit mount. The back of the fixture features removable mounting knock-outs in a junction box pattern for a clean wall mount application or a 1/2" NPT threaded conduit opening is provided at the top of the enclosure and is sealed with a closure plug.

COLD LOCATION

The cold location option has a battery heater pad which allows operation down to -20°C for the combined AC and Emergency version. The AC only unit does not require accessories to be suitable for -50°C cold location.

DIMENSIONS (MM, IN.)



Series	A	B	C
MEZ	266mm	166mm	96mm
	10 1/2"	6 1/2"	3 3/4"

ORDERING INFORMATION

Series	Light Source	Operation	Housing	Voltage	Options
MEZ	LED	ACEM (Combined AC and emergency)	DB (Dark Bronze)	120/277V	**CL (Cold location)
		AC (AC only)	BK (Black)		HT (High operating temperature)
			*AL (Silver)		

NOTE: *Special order **NOTE: For ACEM units only

EXAMPLE: MEZ-LED-ACEM-DB-120/277V

DESCRIPTION: Mezzo LED luminaire, normally on with emergency backup, bronze housing, 120/277V

INTERNAL SPECIFICATIONS

AC ONLY utilizes a photocell or a wall switch for general lighting applications. The **MEZZO** is suitable for wet/damp locations and operates in the temperature range of -50°C to 50°C.

AC AND EMERGENCY OPERATION operates the **MEZZO** under normal utility power and the charging circuit maintains the battery at full capacity. The unit is switched on/off utilizing a photocell for maximum energy efficiency or wall switch. When AC power fails the unit will automatically provide emergency light. The combined AC and Emergency version comes standard with self-diagnostics and self-test function. The **MEZZO** is suitable for wet/damp locations, operation temperature range 0°C to 50°C. An alternative is the cold location option with a battery heater pad for an operating temperature of -20°C to 50°C.

PHOTOCELL

Under AC power, the **MEZZO** is switched on and off by a photocell. The photocell detects when the ambient light is reduced and turns the fixture on automatically. Operating with a photocell makes the **MEZZO** energy efficient only providing light when needed.

GENERAL LIGHTING

If the photocell function is not needed, the **MEZZO** can be used for general lighting applications. This option comes standard in both AC only and ACEM operations.

ENERGY CHART

OPERATION	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 (HRS.)
MEZZO LED AC	74 lm/W	14W	1080	80+	75,000+
MEZZO LED EM	n/a	14W	259	80+	75,000+

*Projected

SELF-DIAGNOSTICS / SELF-TEST

As soon as AC power is supplied to the **MEZZO**, the unit will automatically initiate a self-diagnostic test. The **MEZZO** will verify battery disconnection, charger failure and transfer failure every 5 seconds. Every month, the unit will perform a one-minute battery discharging test. Every six months, the unit will perform a 30 minute battery discharging test. Once per year the unit will perform a 90 minute battery discharging test. A dual colour red/green LED communicates the status of the unit.

BATTERY TECHNOLOGY

The **MEZZO** ACEM units use an internal nickel-cadmium battery that provides a minimum 90 minutes emergency duration. The battery is protected from deep discharge by a low-voltage battery disconnect.

INSTALLATION

The **MEZZO** is suitable for wall mount installation only utilizing top conduit feed or junction box installation.

ELECTRICAL SPECIFICATIONS

Available in 120/277V. The **MEZZO** is CSA 22.2 No. 141-15 Performance Certified and wet location listed.