

## Cold Temperature Mini Wall Pack With Emergency Battery



E2-DECO1-ACEM-DB



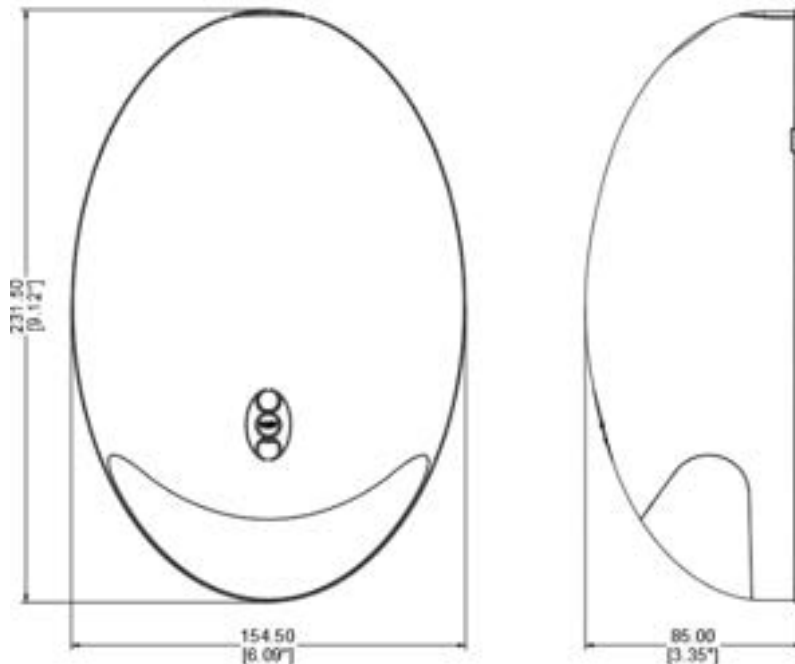
### Product Description:

Power consumption Standby 11W, Max. 15W at battery charge and heater work, Charge / discharge time 24 hours charge, 90 Minutes Min. discharge  
Battery 6.4V 1500mAh 18650 type LiFePO4 battery.

### Features

- 4W Emergency Battery Backup for 90 mins
- 12W Mini Wall Pack with Photocell
- Emergency test facility Self-Test and Self-Diagnostic
- Housing material Die casting with long lasting UV resistant powder painted
- Ingress Protection IP65, Suitable for wet location
- IK Rating Ik10
- Ambient temperature range -30°C to 50°C
- Certification UL/CUL listed

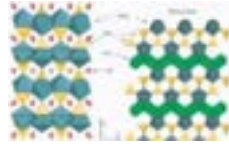
### Dimensions



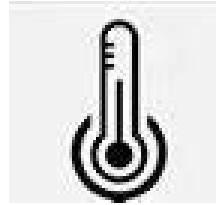
## Design Advantages



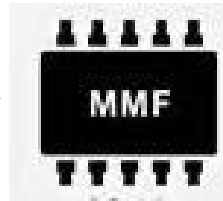
Photo sensor  
T/S and indicator  
Mounting Screw



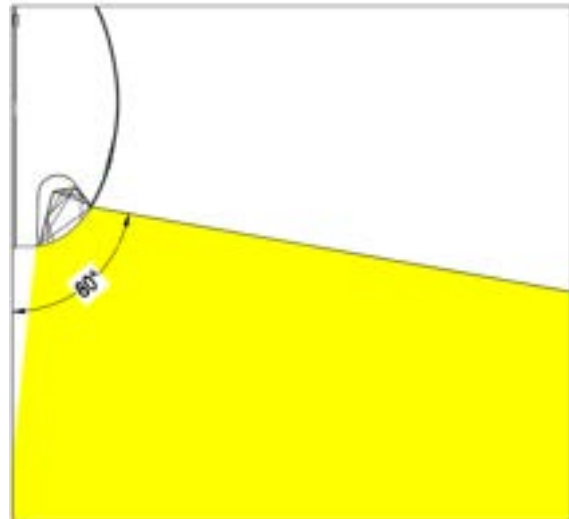
Long Life  
LiFePO4 Battery



Smart Battery  
Temperature Control



Professional Battery  
Management System



## Main Advantages:

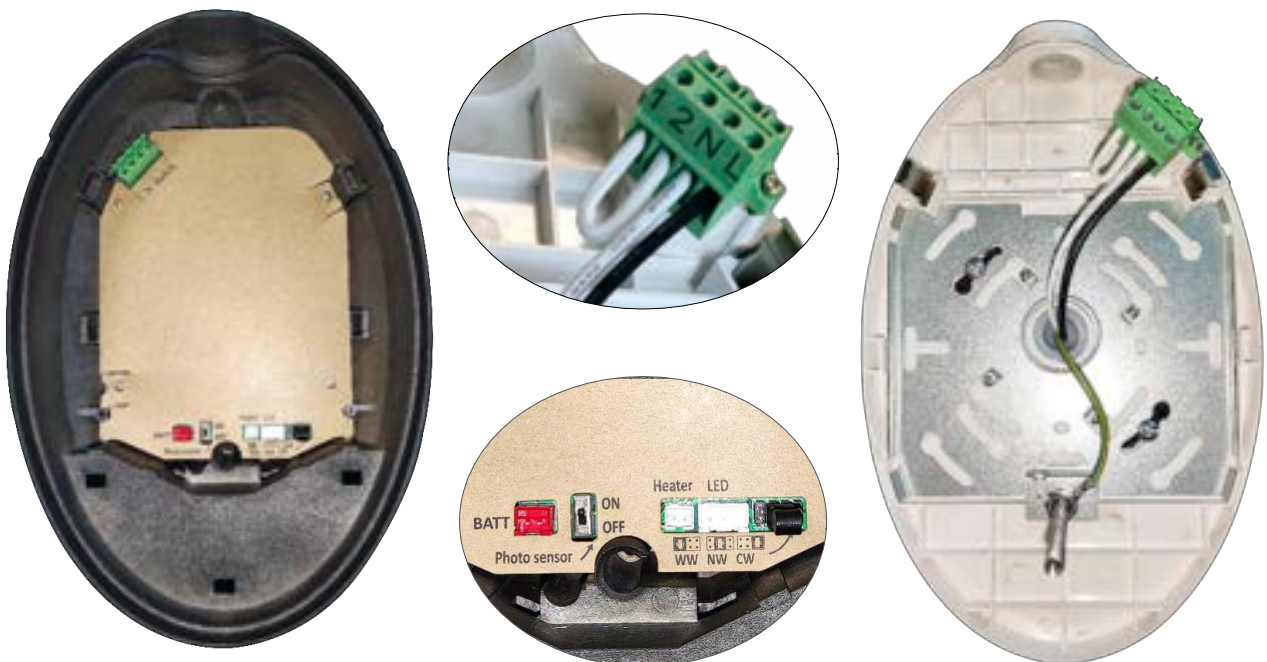
- Vandal resistant fixing design, can be applicable in harsh outdoor conditions
- Operation temperature  $-30^{\circ}\text{C}\sim 50^{\circ}\text{C}$
- Three CCT built-in (WW, NW and CW), color selectable in field installation
- Full cutoff distributing light design, minimizes light pollution contributing to sky
- The latest chip scale packing LED technology, lower thermal resistance
- Deploy rubber cable gland to obtain better waterproof during wiring
- Self Testing & Self diagnostic help more convenient installation and maintenance

## Specifications Model: E2-DECO1-ACEM-DB

Normal Supply	120-277V 60Hz
Power consumption	Standby 11W, Max. 15W at battery charge and heater work
Charge / discharge time	24 hours charge, 90 Minutes Min. discharge
Battery	6.4V 1500mAh 18650type LiFePO4 battery
Emergency test facility	Self-Test and Self-Diagnostic
Operation	ACEM(general lighting with photo sensor and emergency battery
Mounting	Wall mount with back power lead or conduit power lead
LED source	CRI 80+, CCT 3000K/4000/5000K 5SDCM
Normal flux	1250lm@4000k AC mode, 400lm@4000k emergency mode
Housing material	Die casting with long lasting UV resistant powder painted
Ingress Protection	IP65, Suitable for wet location
IK Rating	Ik10
Ambient temperature range	
Certification	UL/CUL listed
LED CCT	3000K 4000K 5000K * Field Installations selectable
Operation	-ACEM: General lighting with photo sensor and emergency battery backup
Em duration	1.5Hours (Min.)
Test Facility (for EM)	Blank: Self-Test and Self-Diagnostic for ACEM
Housing Color	DB: Dark Bronze WH: White

## Function

1. For photo sensor mode , when ambient luminance < 10 Lux, fixture will turn on automatically. when ambient luminance >30 Lux, fixture will turn off.
2. For wall switch mode, make a wall switch between 1 and 2 .
3. Remove the jumper cable change to emergency standby (Non-maintain) function.
4. Factory default setting color temperature is neutral white, change the jumper cap to obtain different CCT.

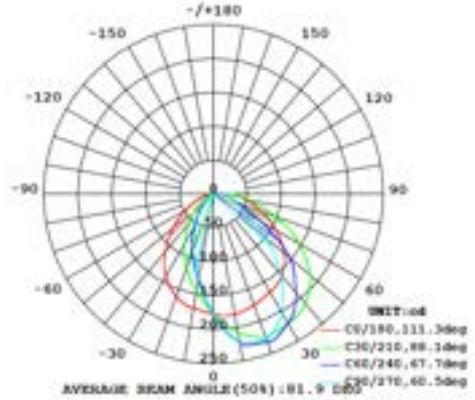


## Multiple Unit Coverage

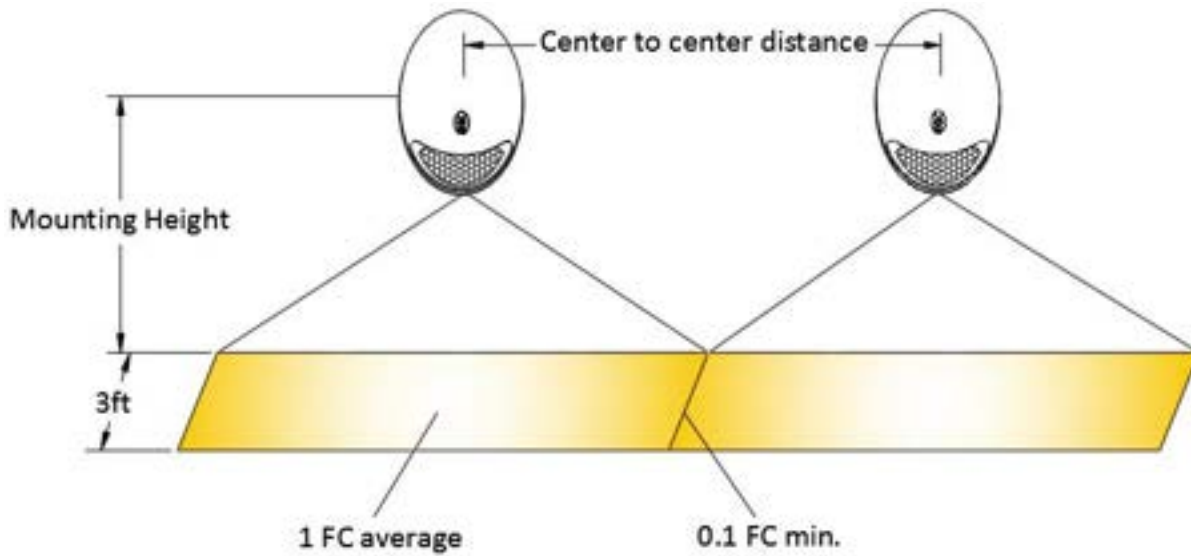
### Luminous Intensity Distribution

Luminous flux (Luminaire): 417  
 lmLuminous flux (Lamps): 417  
 lmLuminaire Wattage: 0.0 W  
 Luminaire classification according to CIE100  
 CIE fux code: 54 82 95 100 100  
 Fitting: 1 x DECO1-ACEM (CorectionFactor 1.000)

See our luminaire catalog for an image of the luminaire.



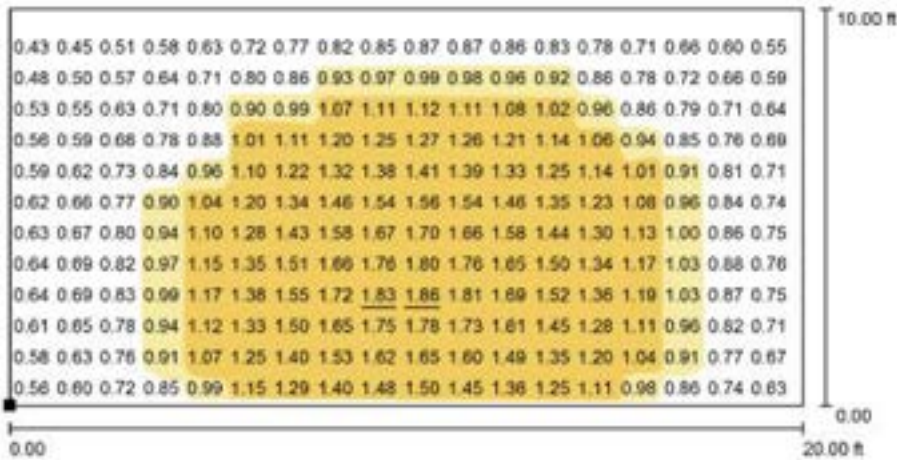
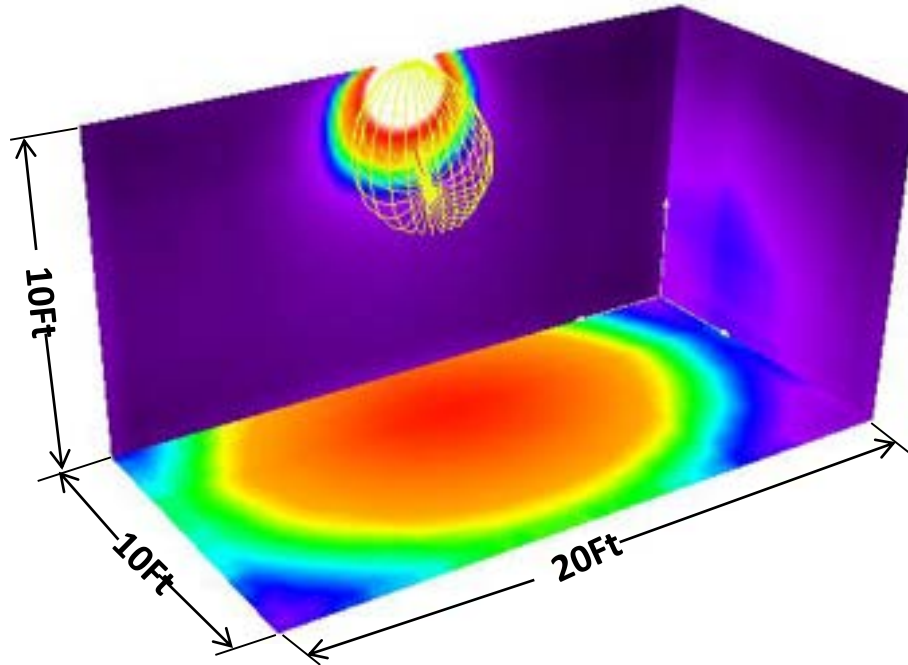
### Center to Center Spacing Distance



NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 80 feet long, 9 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet.

No.	Model	Lumen Output	Spacing Distance @ Mounting Height - 7.5 Ft	Spacing Distance @ Mounting Height - 10 Ft
1	E2-DECO1-ACEM-DB	400 lm	45 feet	40 feet

## Single Unit for Door Forward Performance



Values in Footcandles, Scale 1 : 44

Not all calculated values could be displayed.

Position of surface in room:  
Marked point: (0.000 ft, 0.000 ft, 0.000 ft)



Grid: 128 x 64 Points

$E_{av}$  [fc]  
1.02

$E_{min}$  [fc]  
0.39

$E_{max}$  [fc]  
1.87

u0  
0.386

$E_{min} / E_{max}$   
0.211