

LED Emergency Lights

MODEL OE-212



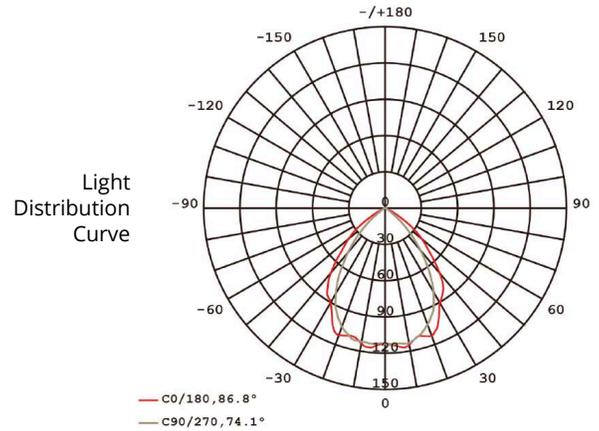
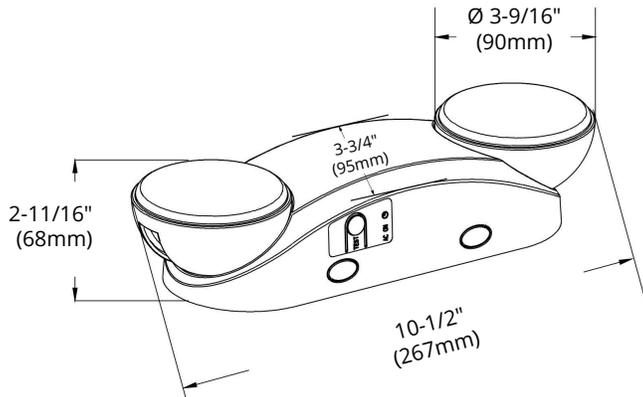
HIGHLIGHTS

- LED Dual Head Emergency Light with universal J-Box mounting pattern suitable for wall mount applications
- Has 2 x 12 pieces ultra bright 2835 SMT LED lamp heads for emergency mode and 120-347V AC wide universal voltage operation
- Comes with built-in 3.6V 1200mAh nickel-cadmium battery for minimum 120 minutes emergency operation
- Made of injection-molded thermoplastic ABS housing and has UL94V-0 flame rating
- Full recharge time is maximum 24 hours and is suitable for 0°C to +40°C indoor damp locations
- Provides overcharge & over-discharge protection
- Includes test switch and charge indicator
- Fast and Easy installation in minutes
- As per CSA recommendations, batteries should be replaced every 4 years
- Case Quantities:20

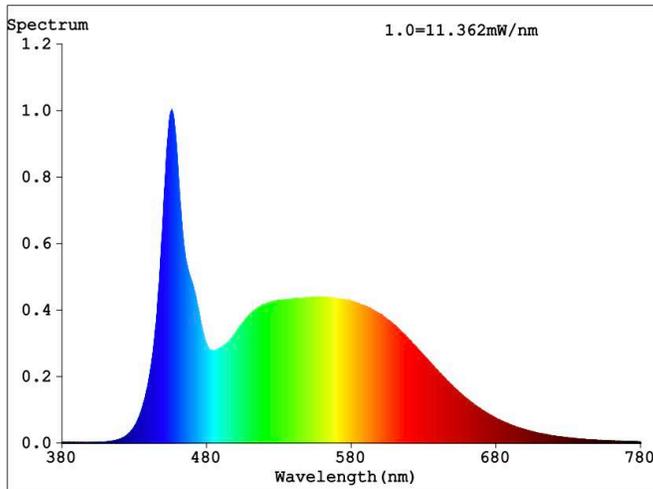
| | |
|-------------------------|--------------------------------------------|
| Model | OE-212 |
| Wattage | 2W (AC) / 2*1.2W (DC) |
| Voltage | 120-347V AC /60Hz |
| AC Charging Current | 30mA AC |
| DC Charging Voltage | 4.35-4.5V DC |
| DC Charging Current | 90-130mA DC |
| Lumens | 260 lmn |
| Material | Injection-molded thermoplastic ABS housing |
| Battery | 3.6V 1200mAh |
| Battery Type | Nickel-Cadmium Battery |
| Emergency Duration Time | ≥ 120 min |
| Discharge Current | 430-500mA |
| Charging Time | ≤ 24 hours |
| Colour Temp. | 6500K (Cool White) |
| Operating Temp. | 0°C ~ +40°C |
| Warranty | 5 years |

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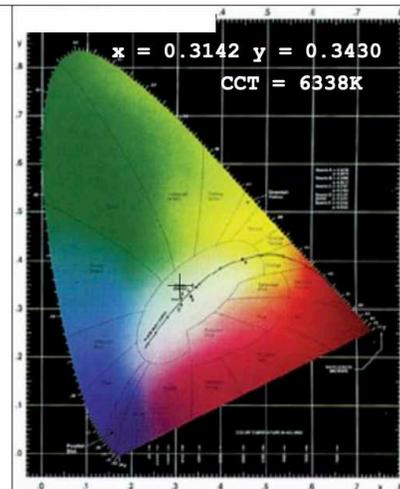
DIMENSIONS & TESTING REPORT



SPECTRA



Spectral Distribution



OE-212 Chromaticity Diagram

Colourimetric Parameters

Chromaticity Coordinate: $x = 0.3142$ $y = 0.3430$ / $u' = 0.1937$ $v' = 0.4759$

CCT= 6338K (Duv=0.0095) Dominant WL: $\lambda_d = 498.3\text{nm}$ Purity=6.0%

Peak WL: $\lambda_p = 455.9\text{nm}$ FWHM: =21.2nm Ratio: R=13.3% G=80.4% B=6.3%

Render Index: $R_a = 83.2$ CRI=76.1 AvgR=76.0

R1=81 R2=92 R3=95 R4=78 R5=81 R6=88 R7=86

R8=66 R9=5 R10=80 R11=78 R12=56 R13=85 R14=97 R15=75

Photometric & Radiometric Parameters

Flux = 329.8 lm Eff. : 0.00 lm/W $F_e = 1.044\text{ mW}$

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

| Reference | QTY. | Remarks | Project: |
|-----------|------|---------|---------------|
| | | | Location: |
| | | | Architect: |
| | | | Engineer: |
| | | | Contractor: |
| | | | Submitted by: |
| | | | Date: |