# C4 Series

Exit Sign and Exit Combo

**The Power To Drive Innovations**

## PRODUCT FEATURE

### HOUSING

- Injection molded thermoplastic housing
- Plastic enclosure with 5VA flame retardant
- Compact and decorative design
- Friendly configuration design for quick installation
- Exit letter 6" height and 3/4" stroke, snap in and snap out direction indicator
- Fully rotatable lamps head easy snap in housing
- Black color optional

### ELECTRICAL

- 120/277VAC dual voltage input optional
- Brownout circuit protection for ST/SD fixture
- Battery low voltage protection
- Solid state transfer circuit
- Test switch and battery charging indicator
- Maintenan free Ni-cad battery
- 24 hours recharge, more than 90 minutes discharge

### MOUNTING

- Suitable for wall mount, ceiling mount
- Universal J-box mounting pettern on back

### BATTERY

- High temperature type Ni-cad battery
- Battery have to recharge if product keep in stock 9 months
- Details manual refer "BETTERY STOCK AND RECHARGE GUIDLINE".

### ILLUMINATION

- Long life red or green LED lamps provide uniform diffuser illumination
- Standard model lamp head DC3.6V 0.75W, deliver 150lm from whole unit, CCT 5700K
- HO model lamp head DC 3.6V 1.2W deliver 250ml from whole unit, CCT 5700K
- LynxEM**®** Wireless testing and reporting system are available.

### CODE COMPLIANCE

- UL listed and meets or exceed all requirement in NFPA 70, NFPA 101 life safety code, suitable for USA market
- Compliant CEC title 20 efficiency regulations
- Suitable for 10°C - 40°C ambient temperature, suitable for damp location

### RELATED PRODUCTS

- C1 Series - Exit Sign Combos
- C2 Series - Exit Sign Combos
- C3 Series - Exit Sign Combos
- C5 Series - Exit Sign Combos

### WARRANTY

- See Limited Warranty Policy for more additional information

## ORDER INFORMATION: *EXAMPLE:* C4-R-RC-ZD

| C4 | - | | - | | - | | - | | - | |
|---|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **LEGEND** | | **OPTION** | | **TEST FACILITY** | | **HOUSING COLOR** | | **INPUT VOLTAGE** | |
| **C4 Series** | R | Red color | **BLANK** | Basic model | **BLANK** | Manual test | **W** | White | **1** | 120/ 277VAC |
| | G | Green color | **HO** | High lumen output | **CT** | Self-testing/ Self-diagnostics | **B** | Black | | |
| | | | **RC** | Remote capability | **ZD** | CT with Wireless Reporting LynxEM® Control | | | | |

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**ANZ375**

## MODEL LIST

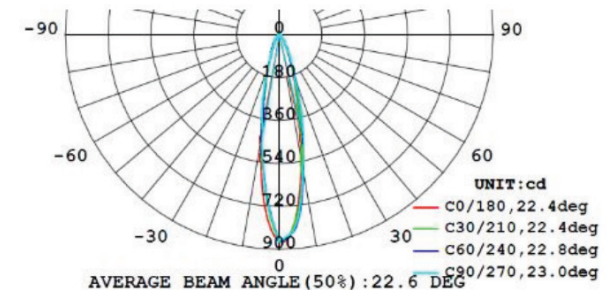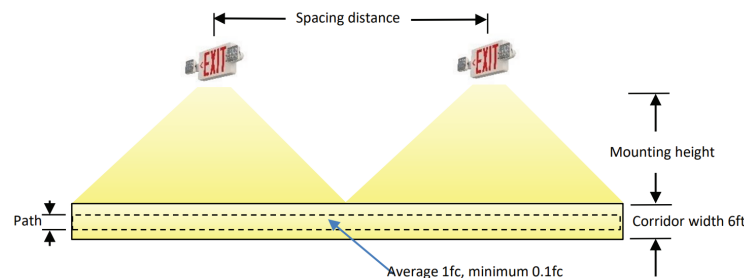| MODEL | LETTER COLOR | TEST FACILITY | BATTERY | RECHARGE TIME | EMERGENCY DURATION | INPUT | | | OUTPUT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | INPUT VOLTAGE FREQUENCY | INPUT CURRENT | POWER CONSUMPTION | LAMP HEAD | LUMINOUS FLUX (INITIAL) | REMOTE CAPABILITY |
| C4-R(G) | Red / Green | MT | Ni-cad 3.6V 900mAh | 24 hours | 90 minutes | 120 / 277V 60Hz | 30mAh | 2.8W Max | 0.75W * 2pcs | 150lm | n/a |
| C4-R(G)-RC | Red / Green | MT | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.5W Max. | 0.75W * 2pcs | 150lm | 3.6V 1.5W |
| C4-R(G)-HO | Red / Green | MT | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.4W Max. | 1.2W * 2pcs | 250lm | n/a |
| C4-R(G)-CT | Red / Green | ST / SD | Ni-cad 3.6V 900mAh | 24 hours | 90 minutes | 120 / 277V 60Hz | 30mAh | 2.8W Max | 0.75W * 2pcs | 150lm | n/a |
| C4-R(G)-RC-CT | Red / Green | ST / SD | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.8W Max. | 0.75W * 2pcs | 150lm | 3.6V 1.5W |
| C4-R(G)-HO-CT | Red / Green | ST / SD | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.8W Max. | 1.2W * 2pcs | 250lm | n/a |
| C4-G-ZD | Red / Green | ZD | Ni-cad 3.6V 900mAh | 24 hours | 90 minutes | 120 / 277V 60Hz | 30mAh | 2.8W Max | 0.75W * 2pcs | 150lm | n/a |
| C4-G-RC-ZD | Red / Green | ZD | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.8W Max | 0.75W * 2pcs | 150lm | 3.6V 1.5W |
| C4-G-HO-ZD | Red / Green | ZD | Ni-cad 3.6V 900mAh, 2pcs | 24 hours | 90 minutes | 120 / 277V 60Hz | 33mAh | 3.8W Max | 1.2W * 2pcs | 250lm | n/a |

Note:
"MT" means fixture just has manual test facility.
"ST/SD" means fixture has self-test and self-diagnostic function, also including manual test facility.
"ZD" means fixture has ST/SD with wireless testing and reporting system.
3.6V1.5W remote capability for normal remote head, for constant output remote head, remote capability 1W max.

## PHOTOMETRIC :

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 100 feet long, 9 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress for calculation. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5ft.



Spacing distance
Mounting height
Corridor width 6ft
Path
Average 1fc, minimum 0.1fc



UNIT:cd
C0/180,22.4deg
C30/210,22.4deg
C60/240,22.8deg
C90/270,23.0deg
AVERAGE BEAM ANGLE(50%):22.6 DEG

**MAG TECH**
The Power To Drive Innovations

| | Project Name: | |
|---|---|---|
| | Type: | |

# C4 Series
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## MAXIMUM SPACING GUIDELINES

| MODEL | LUMEN OUTPUT | MOUNTING HEIGHT | ILLUMINATION LEVEL | SINGLE LUMINAIRE | | MULTIPLE LUMINAIRES | | Application Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | 3' Path of Egress | 6' Path of Egress | 3' Path of Egress | 6' Path of Egress | |
| C4 | 160lm | 7.5' | 1FC Avg | 25' | 20' | 27' | 22' | 100' Corridor 6' wide, and 9' high with 80/50/20 reflectance |
| C4-HO | 250lm | 7.5' | 1FC Avg | 34' | 29' | 35' | 30' | |

## REMOTE HEAD :

**C4-RC (3.6V1.5W) can driver below remote heads,just make sure total remote load less than 1.5W.**

**EXH-701-LO**
- Single remote head, 3.6V 0.75W delivers 70lm per unit
- Operation temperature range 10°C...+ 40°C suitable for damp location
- UL, cUL listed

**EXH-702-LO**
- Dual remote head, 3.6V 1.5W delivers 140lm per unit
- Operation temperature range 10°C...+ 40°C suitable for damp location
- UL, cUL listed

**C4-RC (3.6V1.5W) can driver below constant power remote head, make sure total remote constant load less than 1W.**

**WEXH-800L-1W*1pc**
- Single remote heads, DC3-12V input, Constant power 1.0W, delivers 100lm.
- Operation temperature range 25°C...+ 50°C suitable for damp location
- UL, cUL listed

**WEXH-800L-0.75W*1pc**
- Single remote heads, DC3-12V input, Constant power 0.75W, delivers 75lm.
- Operation temperature range 25°C...+ 50°C suitable for damp location
- UL, cUL listed

**WEXH-800N-0.75W*2pcs**
- Single remote heads, DC3.6V 1W input, delivers 75lm per unit
- Operation temperature range 25°C...+ 50°C suitable for damp location
- UL, cUL listed

**WEXH-810N-1.5W*1pc**
- Dual remote heads, DC3.6V 2W input, delivers 150lm per unit.
- Operation temperature range 25°C...+ 50°C suitable for damp location
- UL, cUL listed
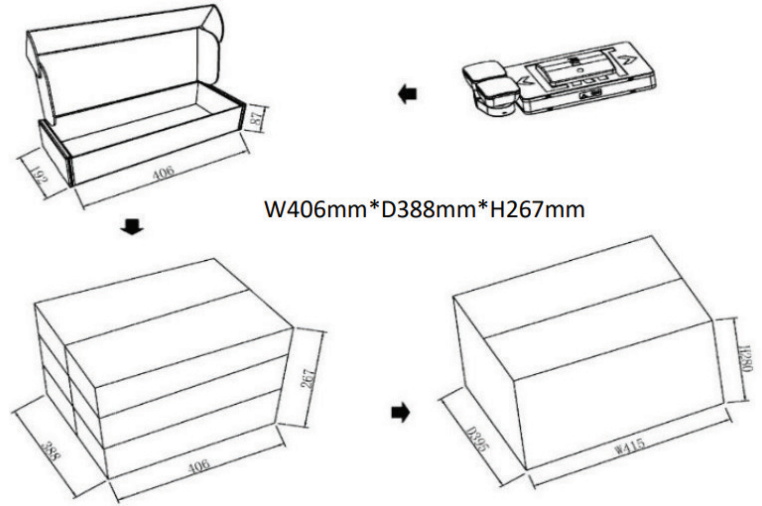
ANZ375

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## CIRCUIT FEATURE :

| MODEL / FEATURE | C4 | C4 – CT |
|---|---|---|
| Brownout transfer | n/a | ✓ |
| Battery low voltage disconnect | ✓ | ✓ |
| Overload disconnect | n/a | ✓ |
| Short circuit load disconnect | n/a | ✓ |
| Solid State transfer | ✓ | ✓ |

## PACKAGING :

W 406MM x D 388mm x H 267MM

| | | |
|---|---|---|
| Q'TY | : | 6 PCS |
| N.W | : | 8.2 KGS |
| G.W | : | 11.2 KGS |
| MEA'S | : | 1.6 CUFT |



W406mm*D388mm*H267mm

## DIMENSION AND FULLY RETATIONAL LAMP HEAD :