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|---|---|
| Project Name: | Approved By: |
| Catalog No: | Type No: |

# TELESIS TCL

## Contemporary LED Emergency Light

The Telesis TCL provides high performance in a low profile contemporary housing that complements most interior applications. The TCL meets CEC California Title 20 energy code requirements. The TCL is engineered for Quick fit easy installation and maintenance free reliability. The 2 watt LED lamps provide 125 lumens each for superior spacing. Long lamp life (up to 100,000 hours) with very low power consumption.

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TITLE 20 COMPLIANT

## CONSTRUCTION

- Compact low profile contemporary design provides
- Injection molded, high impact thermoplastic housing in a white finish
- Knock out mounting pattern on back plate and top conduit entry provides quick installation
- Snap-fit housing suitable for Wall or Ceiling mount
- Maximum mounting height: TCL1W = 15ft, TCL2 / TCL4 = 26ft
- Combined momentary test switch and AC status indicator provided for ease of testing

## ELECTRICAL

- TCL1 and TCL2 feature a 3.6V Nickel Cadmium (Ni-Cad) with an operating ambient temperature range of 10°C to 40°C (50°F to 104°F)
- TCL4 features a 3.6V Nickel Metal Hydride (Ni-Mh) with an operating ambient temperature range of 10°C to 40°C (50°F to 104°F)
- TCL4 is remote-capable, features a 3.6V, 2W output, and can power up to two 1-watt LED lamp heads or be configured for extended runtime of 120 minutes with no remote lamps attached
- Available with optional full Self-Test / Self-Diagnostics
- Field selectable 120 or 277 VAC 60 HZ
- Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Brownout sensing assures emergency operation during periods of low line voltage
- Fully automatic, solid state, two-rate charger will recharge battery per UL 924 requirements
- Damp location environmentally coated circuitry provided as standard

## ILLUMINATION

- TCL2 & TCL4 feature two fully adjustable High Brightness 2 Watt LED Heads each producing 150 lumens
- TCL1 feature two fully adjustable 1 Watt LED heads each producing 110 lumens
- Optional single or double, indoor or outdoor remote heads are available, with 3.6V 1 Watt 100 lumens LEDs

## ILLUMINATION CHART

| PRODUCT | HEAD WATTAGE | LUMENS PER HEAD | TOTAL LUMENS |
|---|---|---|---|
| TCL1 | 1W | 110 Lumens | 220 Lumens Total |
| TCL2 | 2W | 150 Lumens | 300 Lumens Total |
| TCL4 | 2W | 150 Lumens | 300 Lumens Total |

## CERTIFICATION

- UL 924 Listed, meets NFPA101 Life Safety Code, NFPA 70-NEC, and OSHA requirements
- California Title 20 Certified

## WARRANTY

- 3 year limited warranty- view complete warranty terms online at www.evenlite.com/terms-warranty.

## ACCESSORY

### VANDAL SHIELD (TCVS)

# TELESIS TCL

Contemporary LED Emergency Light

## ORDERING GUIDE

*TCL2-W-SD*

| MODEL | BATTERY CAPACITY | HOUSING COLOR | OPTIONS | |
|---|---|---|---|---|
| **TCL** | **1** 1 Watt LED Head, No Remote[1] | **W** White[4] | **SD** | Self-Test / Self-Diagnostics[6] |
| | **2** 2 Watt LED Heads, No Remote[2] | **B** Black[5] | **TCRH1** | Single Indoor Remote Head[7] |
| | **4** 2 Watt LED Heads, Remote Capability[3] | | **TCRH2** | Double Indoor Remote Head[7] |
| | | | **PRWLED1-MV** | Single Outdoor Remote Head[7] |
| | | | **PRWLED2-MV** | Double Outdoor Remote Head[7] |
| | | | **TCVS** | Polycarbonate Vandal Shield[8] |
| **TCL** | | | | |

**ORDERING NOTES**

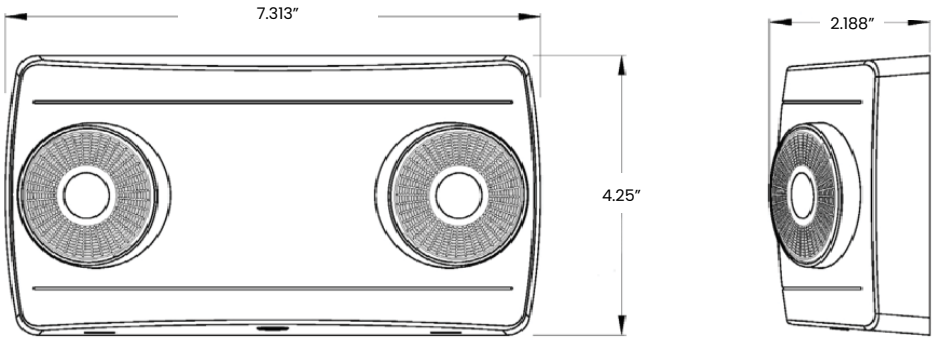
1. Only available in white
2. Nickel cadmium battery, 90 minute operation with no remote capability
3. Nickel metal hydride battery, 90 minute operation with 2W remote capability
4. Standard color
5. Only available when Battery Capacity 4 and SD are selected
6. Only available with TCL4
7. Order separately
8. NEMA 4X and IP65 rated

Fill in fields from categories above and complete type and part number.

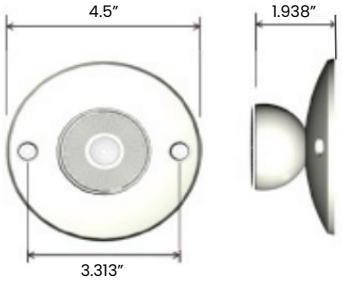
| Type No: | Full Part No: |
|---|---|

## DIMENSIONS

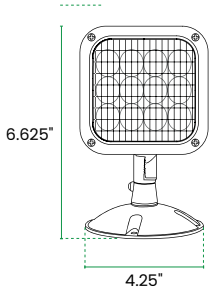
### TCL

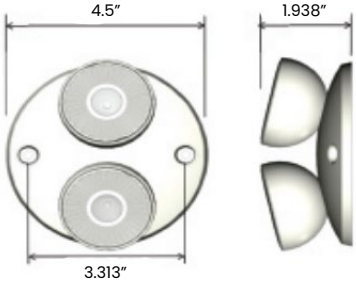


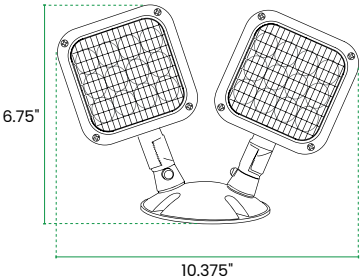

### INDOOR REMOTE HEAD



### OUTDOOR REMOTE HEAD







## SPACING GUIDE

### TCL1 WALL MOUNT - ENCLOSED CORRIDOR
Room Dimensions: 200' x 6' x Ceiling Height
Reflectance: 80% (Ceiling) | 50% (Wall) | 20% (Floor)
Path of Egress: 6' Wide

| MOUNTING HEIGHT | CEILING HEIGHT | SPACING CENTER TO CENTER | ROTATION TILT / ROLL | NFPA 101 REQUIREMENTS | | |
|---|---|---|---|---|---|---|
| | | | | AVERAGE ≥ 1.0 Fc | MINIMUM ≥ 0.1 Fc | MAXIMUM / MINIMUM ≤ 40:1 |
| 7.5' | 9' | 29' | 40° / 10° | 1.00 Fc | 0.22 Fc | 17.14 Fc |
| 9' | 11' | 26' | 40° / 10° | 1.02 Fc | 0.37 Fc | 7.08 Fc |
| 10' | 12' | 25' | 40° / 10° | 1.01 Fc | 0.36 Fc | 6.11 Fc |
| 12' | 14' | 23' | 35° / 10° | 1.03 Fc | 0.38 Fc | 4.92 Fc |
| 14' | 16' | 22' | 30° / 11° | 1.00 Fc | 0.42 Fc | 3.86 Fc |
| 16' | 18' | 20' | 25° / 13° | 1.00 Fc | 0.49 Fc | 3.02 Fc |

### TCL1 WALL MOUNT - OPEN ROOM MAXIMUM
Room Dimensions: 200' x 30' High Mounting Wall
Reflectance: 0% (Ceiling) | 50% (Wall) | 20% (Floor)
Path of Egress: 6' Wide

| MOUNTING HEIGHT | CEILING HEIGHT | SPACING CENTER TO CENTER | ROTATION TILT / ROLL | NFPA 101 REQUIREMENTS | | |
|---|---|---|---|---|---|---|
| | | | | AVERAGE ≥ 1.0 Fc | MINIMUM ≥ 0.1 Fc | MAXIMUM / MINIMUM ≤ 40:1 |
| 7.5' | - | 26' | 35° / 10° | 1.00 Fc | 0.14 Fc | 31.00 Fc |
| 9' | - | 25' | 30° / 11° | 1.01 Fc | 0.18 Fc | 19.06 Fc |
| 10' | - | 25' | 25° / 13° | 1.00 Fc | 0.15 Fc | 20.40 Fc |
| 12' | - | 22' | 20° / 15° | 1.02 Fc | 0.22 Fc | 10.59 Fc |
| 14' | - | 19' | 20° / 15° | 1.03 Fc | 0.41 Fc | 4.29 Fc |
| 16' | - | 16' | 20° / 15° | 1.05 Fc | 0.49 Fc | 3.10 Fc |

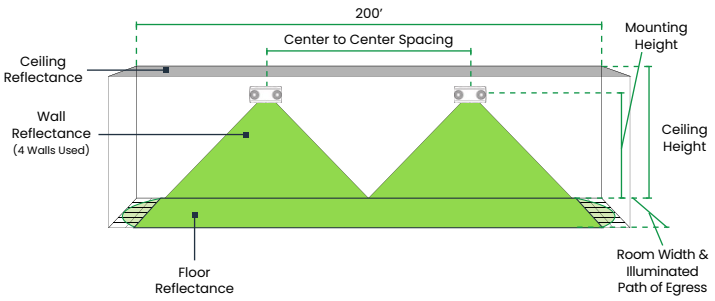
### TCL2 & TCL4 WALL MOUNT - ENCLOSED CORRIDOR
Room Dimensions: 200' x 6' x Ceiling Height
Reflectance: 80% (Ceiling) | 50% (Wall) | 20% (Floor)
Path of Egress: 6' Wide

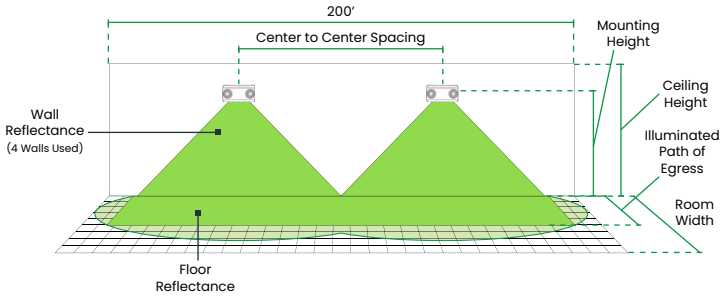
| MOUNTING HEIGHT | CEILING HEIGHT | SPACING CENTER TO CENTER | ROTATION TILT / ROLL | NFPA 101 REQUIREMENTS | | |
|---|---|---|---|---|---|---|
| | | | | AVERAGE ≥ 1.0 Fc | MINIMUM ≥ 0.1 Fc | MAXIMUM / MINIMUM ≤ 40:1 |
| 7.5' | 9' | 35' | 40° / 10° | 1.02 Fc | 0.16 Fc | 26.31 Fc |
| 9' | 11' | 33' | 35° / 10° | 1.01 Fc | 0.19 Fc | 18.05 Fc |
| 10' | 12' | 32' | 35° / 10° | 1.00 Fc | 0.25 Fc | 11.12 Fc |
| 12' | 14' | 31' | 25° / 13° | 1.00 Fc | 0.20 Fc | 12.60 Fc |
| 14' | 16' | 27' | 25° / 13° | 1.02 Fc | 0.37 Fc | 5.08 Fc |
| 16' | 18' | 24' | 25° / 13° | 1.02 Fc | 0.57 Fc | 2.72 Fc |

### TCL2 & TCL4 WALL MOUNT - OPEN ROOM MAXIMUM
Room Dimensions: 200' x 30' High Mounting Wall
Reflectance: 0% (Ceiling) | 50% (Wall) | 20% (Floor)
Path of Egress: 6' Wide

| MOUNTING HEIGHT | CEILING HEIGHT | SPACING CENTER TO CENTER | ROTATION TILT / ROLL | NFPA 101 REQUIREMENTS | | |
|---|---|---|---|---|---|---|
| | | | | AVERAGE ≥ 1.0 Fc | MINIMUM ≥ 0.1 Fc | MAXIMUM / MINIMUM ≤ 40:1 |
| 7.5' | - | 31' | 40° / 10° | 1.00 Fc | 0.15 Fc | 27.20 Fc |
| 9' | - | 29' | 35° / 10° | 1.02 Fc | 0.20 Fc | 16.55 Fc |
| 10' | - | 29' | 30° / 11° | 1.01 Fc | 0.18 Fc | 17.22 Fc |
| 12' | - | 27' | 20° / 15° | 1.01 Fc | 0.15 Fc | 17.73 Fc |
| 14' | - | 23' | 20° / 15° | 1.03 Fc | 0.31 Fc | 6.26 Fc |
| 16' | - | 20' | 20° / 15° | 1.03 Fc | 0.52 Fc | 3.02 Fc |

### ENCLOSED CORRIDOR




### OPEN ROOM