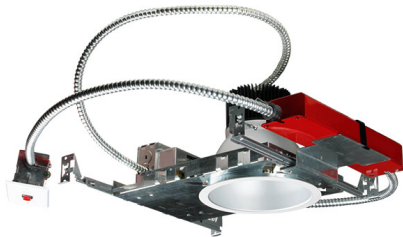


## LED Commercial Emergency Downlight

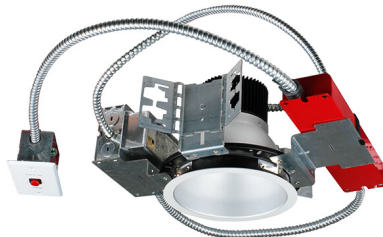
Selectable 3 Wattage and 3 Color Temperature (CCT)



■ Plaster Frame Ver.



■ Architectural Frame Ver.



### QUICK FEATURES

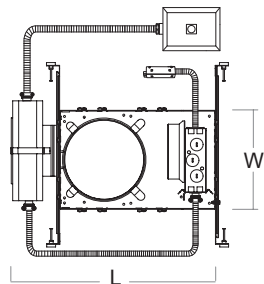
- Selectable 3 Wattage & 3 CCT LED Commercial Emergency Recessed Downlight
- Two types of LED Commercial Emergency frame
- 4, 6, 8 and 10 inch reflector sizes
- Connectors allow easy connection between Driver and Light module
- Integral test switch box included
- In the event of power interruption, fixtures will continue to work for min. 90 minute
- For emergency option, add suffix "EM" to the part numbers of our LED fixtures
- Suitable for use in corridors, hospitals and any public areas

### PERFORMANCE DATA

|               |                                  |
|---------------|----------------------------------|
| Input Voltage | 120-277V                         |
| Frequency     | 50 / 60Hz                        |
| T Ambient     | -30 °C ~ 40 °C (-22 °F ~ 104 °F) |

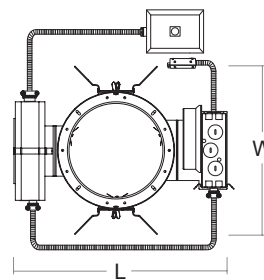
(all values at 25°C without a dimming control in circuit)

## EMERGENCY FRAME



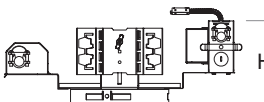
### Plaster Frame Size

| Inch   | Model NO.     | Dimension (L x W x H)     |
|--------|---------------|---------------------------|
| 4 inch | CLED4P-3WT-EM | 16-1/8" x 7-5/8" x 3-3/4" |
| 6 inch | CLED6P-3WT-EM | 16-1/8" x 7-5/8" x 3-3/4" |
| 8 inch | CLED8P-3WT-EM | 16-1/2" x 9" x 3-3/4"     |



### Architectural Frame Size

| Inch   | Model NO.     | Dimension (L x W x H)      |
|--------|---------------|----------------------------|
| 4 inch | CLED4A-3WT-EM | 16-1/8" x 12-1/4" x 5-5/8" |
| 6 inch | CLED6A-3WT-EM | 16-1/8" x 11-3/4" x 5-3/8" |
| 8 inch | CLED8A-3WT-EM | 17-1/4" x 13" x 5-3/8"     |



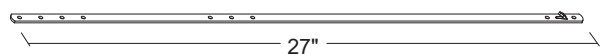
### Features

- Consisted of Galvanized steel
- Selectable 3 wattage with built-in switch on the driver
- Driver and Emergency kit are included
- Junction box is mounted on the frame for easy wire access and driver installation and replacement
- Architectural frame is with C channel and flat hanger bars (ordered separately) for tie down to ceiling grids

### Hanger Bar Options

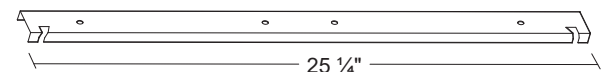
#### 1. Flat Hanger Bar

- For use with CLED-#A architectural frame in T-bar, grid of concealed spline ceilings
- Spans 24" ceiling grid, Actual length : 27"
- Set of two Hanger bars for commercial frames



#### 2. C-Channel Hanger Bar

- For use with CLED-#A architectural frame in grid ceiling
- Provides firm, no-sag installation with 24" spacing (actual length 25-1/4")
- Notched for placement on inverted T-bar ceilings
- Set of two Hanger bars for commercial frames



## DRIVER (Selectable Wattage )



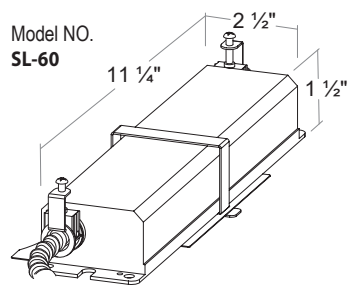
| Model NO.      | Description                    | Wattage     |
|----------------|--------------------------------|-------------|
| LT030W227V1002 | 4 inch Selectable Watt Driver  | 27, 22, 16W |
| LT050W227V1002 | 6 inch Selectable Watt Driver  | 48, 39, 29W |
| LT060W227V1002 | 8 inch Selectable Watt Driver  | 55, 45, 35W |
| LT075W227V1002 | 10 inch Selectable Watt Driver | 66, 51, 40W |

### Driver Features

- Selectable wattage with built-in switch on the driver
- Each driver is supposed to be used with dedicated light module
  - ex) 4 inch Driver + 4 inch Module (O)
  - 4 inch Driver + 6 inch Module (X)



## EMERGENCY BALLAST & TEST SWITCH BOX



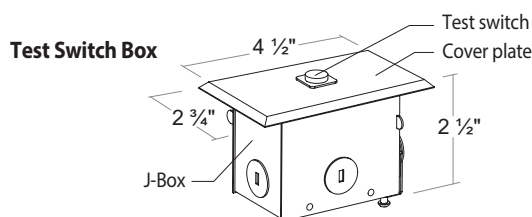
### INPUT

|               |                             |
|---------------|-----------------------------|
| Input voltage | 120-277 V                   |
| Hz            | 60 Hz                       |
| Input current | (min - max) 0.055 - 0.070 A |
| Input voltage | (min - max) 2.5 - 4.0 A     |

### OUTPUT

|               |              |
|---------------|--------------|
| Input voltage | 3-60 V       |
| Input voltage | (max) 0.14 A |
| Input voltage | (max) 8.4 A  |

|                                   |                                               |
|-----------------------------------|-----------------------------------------------|
| Ni-can battery                    | 4.8 V / 4000mAh                               |
| Charge current                    | (max) 0.25 A                                  |
| Discharge current                 | (max) 0.2 A                                   |
| Charging time                     | 24 hours                                      |
| Discharging time                  | 90 Min                                        |
| Operation Environment Temperature | 0 ~ +50                                       |
| Warranty                          | 3 years for components<br>2 years for battery |



### Features

- Consists of the Test switch, Cover plate and J-box
- Contains five 7/8" knockouts on the J-Box
- Suitable for wall or ceiling mount

## LIGHT MODULE

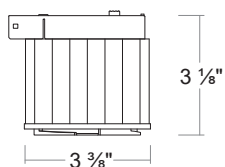


### Features

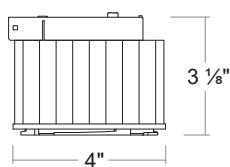
- Effective heat dissipation with aluminum heat sink
- Selectable 5 CCT with built-in switch on the connector
- Easily and securely attach to seamless integration of multiple reflectors with twist lock
- PHSL-433 Max wattage - 27W
- PHSL-633 Max wattage - 48W
- PHSL-833 Max wattage - 55W
- PHSL-1033 Max wattage - 66W

※ Each size of light modules should be used with dedicated driver

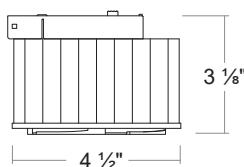
PHSL-433 (4")



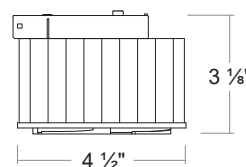
PHSL-633 (6")



PHSL-833 (8")



PHSL-1033 (10")



## REFLECTOR



With spring clip

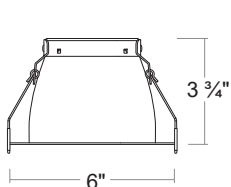


Without spring clip

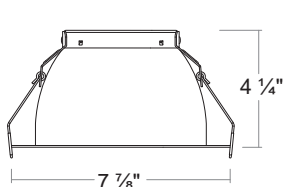
### Features

- Self-flanged aluminum reflector
- Light module is assembled into the reflector by twist lock system
- Finish - HZW : Haze reflector / White ring
- HZ : Haze reflector / White ring
- WW : White reflector / White ring
- CW : Clear reflector / White ring

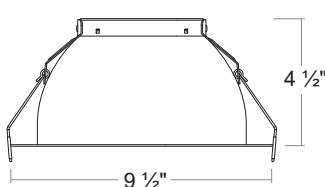
PRLK-400 (4")



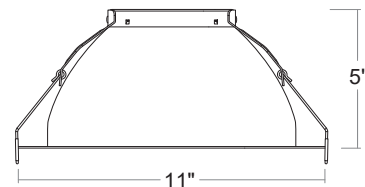
PRLK-600 (6")



PRLK-800 (8")



PRLK-1000 (10")



## LIGHT SOURCE TEST TABLE

**4 inch Reflector + 4 inch Light Module** CRI 80

| Wattage     | CCT    | Lumen<br>(Light Mode) | Lumen<br>(Emergency Mode) |
|-------------|--------|-----------------------|---------------------------|
| <b>27 W</b> | 4000 K | 1950 lm               | 540 lm                    |
| <b>22 W</b> | 4000 K | 1610 lm               | 530 lm                    |
| <b>16 W</b> | 4000 K | 1250 lm               | 430 lm                    |

**8 inch Reflector + 8 inch Light Module** CRI 80

| Wattage     | CCT    | Lumen<br>(Light Mode) | Lumen<br>(Emergency Mode) |
|-------------|--------|-----------------------|---------------------------|
| <b>55 W</b> | 4000 K | 3900 lm               | 680 lm                    |
| <b>45 W</b> | 4000 K | 3380 lm               | 630 lm                    |
| <b>35 W</b> | 4000 K | 2800 lm               | 560 lm                    |

**6 inch Reflector + 6 inch Light Module** CRI 80

| Wattage     | CCT    | Lumen<br>(Light Mode) | Lumen<br>(Emergency Mode) |
|-------------|--------|-----------------------|---------------------------|
| <b>48 W</b> | 4000 K | 3340 lm               | 640 lm                    |
| <b>39 W</b> | 4000 K | 2850 lm               | 600 lm                    |
| <b>29 W</b> | 4000 K | 2280 lm               | 540 lm                    |

**10 inch Reflector + 10 inch Light Module** CRI 80

| Wattage     | CCT    | Lumen<br>(Light Mode) | Lumen<br>(Emergency Mode) |
|-------------|--------|-----------------------|---------------------------|
| <b>66 W</b> | 4000 K | 5010 lm               | 700 lm                    |
| <b>51 W</b> | 4000 K | 4440 lm               | 650 lm                    |
| <b>40 W</b> | 4000 K | 3950 lm               | 580 lm                    |

## ORDERING INFORMATION

### CLED-EM Series \_LED Commercial Emergency Frame with Driver (Conduit connected to J-box director)

| Series (inch)           | Emergency Frame in Kit                | 3WT<br>3 Wattage Selectable Driver | Voltage  | Dimming       |
|-------------------------|---------------------------------------|------------------------------------|----------|---------------|
| <b>CLED4</b> (4 inch)   | <b>P-EM</b> - Emergency Plaster       | 4 inch Driver - 27, 22, 16W        | 120-277V | 0-10V Dimming |
| <b>CLED6</b> (6 inch)   | <b>A-EM</b> - Emergency Architectural | 6 inch Driver - 48, 39, 29W        |          |               |
| <b>CLED8</b> (8 inch)   |                                       | 8 inch Driver - 55, 45, 35W        |          |               |
| <b>CLED10</b> (10 inch) |                                       | 10 inch Driver - 66, 51, 40W       |          |               |

ex) CLED4P-3WT-EM : 4" LED Commercial Plaster frame in Kit Emergency / 4" 3WT Driver - 27, 22, 16W /  
120-277V / 0-10V Dimming / Conduit connected to J-box director

### PHSL Series \_Light Module (Heat sink / Twist lock)

| Series (inch)              | Dedicated Driver | 3 CCT Selectable Module |
|----------------------------|------------------|-------------------------|
| <b>PHSL-433</b> (4 inch)   | 4 inch Driver    | 3000, 3500, 4000K       |
| <b>PHSL-633</b> (6 inch)   | 6 inch Driver    |                         |
| <b>PHSL-833</b> (8 inch)   | 8 inch Driver    |                         |
| <b>PHSL-1033</b> (10 inch) | 10 inch Driver   |                         |

ex) PHSL-433 : 4" 3CCT Module / 3000, 3500, 4000K /  
Heat sink / Twist lock

### PRLK Series \_Reflector (Spring clips / Twist lock)

| Series (inch)              | Finish Color | Reflector Color | Ring Color |
|----------------------------|--------------|-----------------|------------|
| <b>PRLK-400</b> (4 inch)   | <b>HW</b>    | Haze            | White      |
| <b>PRLK-600</b> (6 inch)   | <b>HZ</b>    | Haze            | Haze       |
| <b>PRLK-800</b> (8 inch)   | <b>WW</b>    | White           | White      |
| <b>PRLK-1000</b> (10 inch) | <b>CW</b>    | Clear           | White      |

ex) PRLK-600CW : 6" Reflector / Clear Reflector / White Ring /  
Spring clips / Twist lock