

## EL LED ENCLOSURE LIGHTS OVERVIEW



The EL LED Enclosure Lights have integrated a quick-install feature which can be fitted anywhere in the 25 mm hole pattern of the nVent HOFFMAN enclosure profiles. The lights are easy to install which reduces assembly time and may be fastened to the enclosure with screws or magnets.

All connections to the LED lights are designed to make connecting fast and easy. The infeed, through wiring, and door switch connections are a plug-and-play system.

There are many different versions available. The version with an integrated motion detector eliminates the need for installing an external door switch. Versions with integrated sockets allow for connecting additional devices whenever needed for maintenance.

The LED lights can be used in all nVent HOFFMAN enclosures and are available for operating voltages of 110-115VAC, 50/60Hz and 24 VDC with several different lumens.

## EL LED ENCLOSURE LIGHT WITH SOCKET AND MOTION SENSOR



### INDUSTRY STANDARDS

UL 1598 Listed; File No. E514459  
cUL Listed per CSA C22.2 NO. 250.0-18; File No. E514459

IP20

### FEATURES

- With integrated socket and motion detector
- Fast and tool-free assembly designed with a latching hook system to fit the 25 mm (.98) hole pattern on nVent HOFFMAN enclosures
- The Light may be installed horizontally or vertically
- Mounting accessories are required and must purchase separately when the light is not installed in the 25 mm (.98) hole pattern
- Purchase infeed cable or connectors separately to supply power to the light

| Catalog Number | Height<br>in./mm | Width<br>in./mm | Depth<br>in./mm | Socket<br>Type | Lamp<br>Type | Luminosity (lm) | Light<br>Color<br>Temp. (K) | Light Color      | Power (W) | Voltage (VAC) | Hertz (Hz) | Connection                             | Operating<br>Temp. (°F) | Operating<br>Temp. (°C) | Sensor<br>On Time (s) |
|----------------|------------------|-----------------|-----------------|----------------|--------------|-----------------|-----------------------------|------------------|-----------|---------------|------------|----------------------------------------|-------------------------|-------------------------|-----------------------|
| EL1200MS-US    | 2.99<br>76       | 14.33<br>364    | 1.89<br>48      | Socket B       | LED          | 1200            | 4000                        | Neutral<br>White | 12        | 100-125       | 50/60      | 3-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              | 180                   |

### EL LED ENCLOSURE LIGHT WITH SOCKET



#### INDUSTRY STANDARDS

UL 1598 Listed; File No. E514459  
cUL Listed per CSA C22.2 NO. 250.0-18; File No. E514459

IP20

#### FEATURES

- With integrated socket and door-operated switch connection
- Fast and tool-free assembly designed with a latching hook system to fit the 25mm (.98) hole pattern on nVent HOFFMAN enclosures
- The Light may be installed horizontally or vertically
- Mounting accessories are required and must purchase separately when the light is not installed in the 25mm (.98) hole pattern
- Purchase infeed cable or connectors separately to supply power to the light

| Catalog Number | Height<br>in./mm | Width<br>in./mm | Depth<br>in./mm | Socket<br>Type | Lamp<br>Type | Luminosity (lm) | Light<br>Color<br>Temp. (K) | Light Color      | Power (W) | Voltage (VAC) | Hertz (Hz) | Connection                             | Operating<br>Temp. (°F) | Operating<br>Temp. (°C) |
|----------------|------------------|-----------------|-----------------|----------------|--------------|-----------------|-----------------------------|------------------|-----------|---------------|------------|----------------------------------------|-------------------------|-------------------------|
| EL900DS-US     | 2.99<br>76       | 14.33<br>364    | 1.89<br>48      | Socket B       | LED          | 900             | 4000                        | Neutral<br>White | 9         | 100-125       | 50/60      | 3-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              |
| EL1200DS-US    | 2.99<br>76       | 14.33<br>364    | 1.89<br>48      | Socket B       | LED          | 1200            | 4000                        | Neutral<br>White | 12        | 100-125       | 50/60      | 3-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              |

### EL LED ENCLOSURE LIGHT WITH MOTION SENSOR



#### INDUSTRY STANDARDS

VAC Version:

UL 1598 Listed; File No. E514459  
cUL Listed per CSA C22.2 NO. 250.0-18; File No. E514459

CE/ENEC

IP20

VDC Version:

UL 2108 Listed; File No. E516511  
cUL Listed per CSA C22.2 NO. 9.0-96,; File No. E516511

CE

IP20

#### FEATURES

- With motion sensor
- Fast and tool-free assembly designed with a latching hook system to fit the 25mm (.98) hole pattern on nVent HOFFMAN enclosures
- The Light may be installed horizontally or vertically
- Mounting accessories are required and must purchase separately when the light is not installed in the 25 mm (.98) hole pattern
- Purchase infeed cable or connectors separately to supply power to the light

| Catalog Number | Height<br>in./mm | Width<br>in./mm | Depth<br>in./mm | Lamp<br>Type | Luminosity (lm) | Light<br>Color<br>Temp. (K) | Light Color      | Power (W) | Voltage (VAC) | Voltage (VDC) | Hertz (Hz) | Connection                             | Operating<br>Temp. (°F) | Operating<br>Temp. (°C) | Sensor<br>On Time (s) |
|----------------|------------------|-----------------|-----------------|--------------|-----------------|-----------------------------|------------------|-----------|---------------|---------------|------------|----------------------------------------|-------------------------|-------------------------|-----------------------|
| EL1200M        | 2.99<br>76       | 12.40<br>315    | 1.89<br>48      | LED          | 1200            | 4000                        | Neutral<br>White | 12        | 100-240       | —             | 50/60      | 3-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              | 180                   |
| EL1200M24V     | 2.99<br>76       | 12.40<br>315    | 1.89<br>48      | LED          | 1200            | 4000                        | Neutral<br>White | 10        | —             | 24            | —          | 2-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              | 180                   |

## EL LED ENCLOSURE LIGHT



### INDUSTRY STANDARDS

VAC Version:

UL 1598 Listed; File No. E514459  
cUL Listed per CSA C22.2 NO. 250.0-18; File No. E514459

CE/ENEC  
IP20

VDC Version:

UL 2108 Listed; File No. E516511  
cUL Listed per CSA C22.2 NO. 9.0-96,; File No. E516511

CE  
IP20

### FEATURES

- With door-operated switch connection
- Fast and tool-free assembly designed with a latching hook system to fit the 25mm hole pattern on nVent HOFFMAN enclosures
- The Light may be installed horizontally or vertically
- Mounting accessories are required and must purchase separately when the light is not installed in the 25 mm (.98) hole pattern
- Purchase infeed cable or connectors separately to supply power to the light

| Catalog Number | Height<br>in./mm | Width<br>in./mm | Depth<br>in./mm | Lamp<br>Type | Luminosity (lm) | Light<br>Color<br>Temp. (K) | Light Color      | Power (W) | Voltage (VAC) | Voltage (VDC) | Hertz (Hz) | Connection                             | Operating<br>Temp. (°F) | Operating<br>Temp. (°C) |
|----------------|------------------|-----------------|-----------------|--------------|-----------------|-----------------------------|------------------|-----------|---------------|---------------|------------|----------------------------------------|-------------------------|-------------------------|
| EL900D         | 2.99<br>76       | 12.40<br>315    | 1.89<br>48      | LED          | 900             | 4000                        | Neutral<br>White | 9         | 100-240       | —             | 50/60      | 3-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              |
| EL1200D24V     | 2.99<br>76       | 12.40<br>315    | 1.89<br>48      | LED          | 1200            | 4000                        | Neutral<br>White | 10        | —             | 24            | —          | 2-Pole Infeed<br>and Through<br>Wiring | -4 to 131               | -20 to +55              |

## DOOR-OPERATED SWITCH FOR EL LED ENCLOSURE LIGHTS



### FEATURES

- Door switch is used with LED enclosure lights that do not have a motion detector
- Delivered with a 31.50 inch (800mm) door switch cable to connect directly to the EL LED Enclosure light
- Mount on the inside hole pattern of the IEC floor-standing enclosure frame only. Not compatible with ProLine enclosure frame or other enclosures.

| Catalog Number | Height<br>in./mm | Width<br>in./mm | Depth<br>in./mm |
|----------------|------------------|-----------------|-----------------|
| ELD0801U       | 2.48<br>63       | 1.22<br>31      | 1.22<br>31      |

CABLE, DOOR SWITCH FOR EL LED ENCLOSURE LIGHTS    **FEATURES**



- Pre-fabricated cables for LED enclosure lights
- Cables provide time saving, easy mounting of the EL LED Enclosure Lights

| Catalog Number | Description                 | Length (ft.) | Length (m) | Connection                           | Color | Quantity |
|----------------|-----------------------------|--------------|------------|--------------------------------------|-------|----------|
| ELC3001DU      | Door switch cable, 3.0m, UL | 9.84         | 3.0        | TPS-cable for doorswitch, UL version | Black | 1        |

**CONNECTORS FOR EL LED ENCLOSURE LIGHTS**



**APPLICATION**

The Connectors for EL LED Enclosure Light provide a flexible solution for customers to connect the enclosure light using their own cables, which can be cut to size. These connectors can be used to connect the enclosure light to a power source or to another enclosure light.

**FEATURES**

- With screw connection strain relief
- Terminals are self-locking and need to be unlocked by tool
- 1 input connector and 1 output connector are included

| Catalog Number | Description                                                 | Height in./mm | Width in./mm | Depth in./mm | Cable Diameter Range in./mm | Rated Current (A) | Rated Voltage (V) | Material  | Color      | Quantity |
|----------------|-------------------------------------------------------------|---------------|--------------|--------------|-----------------------------|-------------------|-------------------|-----------|------------|----------|
| ELCN1          | Connectors for EL LED Enclosure Light, AC, input and output | 2.09<br>53    | 0.90<br>23   | 0.55<br>14   | .22-.35<br>5.5-9.0          | 16                | 250               | Polyamide | Black      | 2        |
| ELCN124V       | Connectors for EL LED Enclosure Light, DC, input and output | 2.09<br>53    | 0.90<br>23   | 0.55<br>14   | .24-.30<br>6.0-7.7          | 16                | 50                | Polyamide | Light Blue | 2        |

## CABLE, THROUGH-WIRING FOR EL LED ENCLOSURE LIGHTS



### FEATURES

- Pre-fabricated cables for LED enclosure lights
- Cables provide time saving, easy mounting of the EL LED Enclosure Lights

| Catalog Number | Description                          | Length (ft.) | Length (m) | Rated Current (A) | Rated Voltage (V) | Voltage (VAC) | Voltage (VDC) | Connection             | Color | Quantity |
|----------------|--------------------------------------|--------------|------------|-------------------|-------------------|---------------|---------------|------------------------|-------|----------|
| ELC0601TBUL    | Through-Wiring cable Black, 0.6m, UL | 1.97         | 0.6        | 10                | 250               | 100-240       | —             | Through Wiring, 3-Pole | Black | 1        |
| ELC0601TG24V   | Through-Wiring cable Grey, 0.6m, 24V | 1.97         | 0.6        | 10                | 50                | —             | 24            | Through Wiring, 2-Pole | Gray  | 1        |
| ELC1001TBUL    | Through-Wiring cable Black, 1.0m, UL | 3.28         | 1.0        | 10                | 250               | 100-240       | —             | Through Wiring, 3-Pole | Black | 1        |
| ELC1001TG24V   | Through-Wiring cable Grey, 1.0m, 24V | 3.28         | 1.0        | 10                | 50                | —             | 24            | Through Wiring, 2-Pole | Gray  | 1        |

## CABLE, POWER FOR EL LED ENCLOSURE LIGHTS

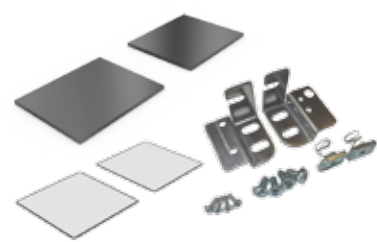


### FEATURES

- Pre-fabricated cables for LED enclosure lights
- Cables provide time saving, easy mounting of the EL LED Enclosure Lights

| Catalog Number | Description                        | Length (ft.) | Length (m) | Rated Current (A) | Rated Voltage (V) | Voltage (VAC) | Voltage (VDC) | Connection          | Color | Quantity |
|----------------|------------------------------------|--------------|------------|-------------------|-------------------|---------------|---------------|---------------------|-------|----------|
| ELC1001PBUL    | Power cable female Black, 1.0m, UL | 3.28         | 1.0        | 10                | 250               | 100-240       | —             | Power Cable, 3-Pole | Black | 1        |
| ELC1001PG24V   | Power cable female Grey, 1.0m, 24V | 3.28         | 1.0        | 10                | 50                | —             | 24            | Power Cable, 2-Pole | Gray  | 1        |
| ELC2001PBUL    | Power cable female Black, 2.0m, UL | 6.56         | 2.0        | 10                | 250               | 100-240       | —             | Power Cable, 3-Pole | Black | 1        |
| ELC2001PG24V   | Power cable female Grey, 2.0m, 24V | 6.56         | 2.0        | 10                | 50                | —             | 24            | Power Cable, 2-Pole | Gray  | 1        |

MOUNTING ACCESSORIES FOR EL LED ENCLOSURE LIGHTS



FEATURES

- Alternative mounting of LED enclosure lights
- Magnets for magnetic mounting or screws for fastener mounting
- Metal fixation for magnets for mounting LED lights to SS or non-metallic enclosures

| Catalog Number | Mounting Type             | Quantity |
|----------------|---------------------------|----------|
| ELA02MF        | Magnet                    | 2        |
| ELA02SF        | Screw                     | 2        |
| ELA02CF        | Metal Fixation for Magnet | 2        |

HEAVY DUTY MAGNETIC MOUNTING KIT FOR EL LED LIGHTS



APPLICATION

Heavy Duty Magnetic Mounting Kit can be used to attach any device or component to flat steel surface. Each kit comes with 2 magnets with 55 lbs. minimum holding force on each side. Furnished with two #10-32 nylon thumb nuts and two flat washers to mount to any mounting brackets.

FEATURES

- Neodymium magnet with strong holding force
- Purchase screw mounting brackets separately
- Two magnets, 2 nylon thumb nuts, and 2 flat washers are included

| Catalog Number | Diameter<br>in./mm | Thread | Thread Length<br>in./mm |
|----------------|--------------------|--------|-------------------------|
| LEDMAG         | 1.26<br>32         | 10-32  | 0.38<br>9.5             |