

# LUMAWISE ENDURANCE N CONTROL BASE, SLEEVE AND COVER

TE Connectivity's (TE) ANSI 136.41 compliant 76 mm and 81 mm diameter photo control base assemblies with sleeves and covers in varying heights, provide a total power and signal interface between the photo control and dimming receptacle. This interface can be used in applications such as LED outdoor roadway, street and area lighting fixtures. The base assembly solution includes power twist lock terminals, spring leaf signal terminals and a separately packaged foam gasket. When coupled with the 5-VA rated cover or in combination with side or topside aperture opening colored sleeves, the fully assembled photo control achieves an IP66 seal rating.



## Applications

- Outdoor roadway and street lighting
- Parking lots
- Pathway and trails
- Parks

## Electrical

- Positions: 5 and 7

## Mechanical

- Operating Temperature Range: -40°C to +105° C

## Specifications

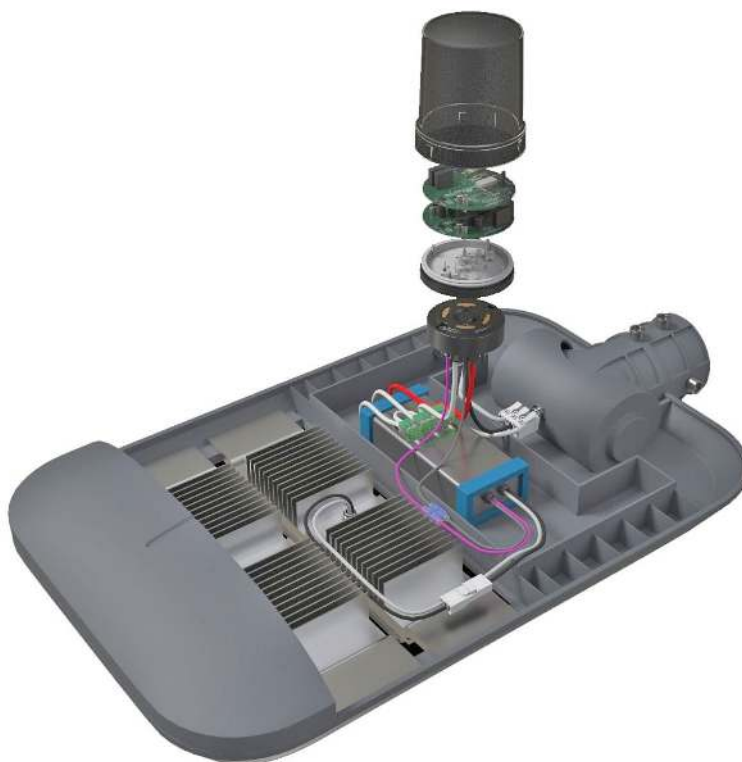
- Product Specification: [108-32125](#)
- Application Specification: [114-32159](#)

## Materials

- Contact Plating: Tin plated power contacts  
Gold plated signal contacts
- Housing Color: Base (black)  
Cover (clear and transparent)
- Housing Material: Base (UL 94 V-0)  
Cover (Polycarbonate)  
Sleeve (PBT)

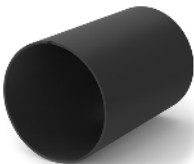
## Benefits

- Achieve long term reliability using TE's proven power and signal interface
- Translucent covers allow transmission of daylight to the light sensing device
- Achieve protection against dust and heavy jet spray with an IP66 rated solution
- Meets the flammability rating with a UL 94 5-VA rated cover
- Sleeves are designed with side or topside aperture openings to accommodate directional light sensing devices
- Colored sleeves are available that designate voltage rating or in support of customer specific requests



## Product Selection Information

## 76 mm Base, Sleeve and Cover

|                                                                                     | Part Number                 | Description                                  | Height | Color       |
|-------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|--------|-------------|
|  | <a href="#">2306128-1</a>   | Cover, Light Controller                      | 50 mm  | Translucent |
|                                                                                     | <a href="#">1-2306128-1</a> | Cover, Light Controller                      | 50 mm  | Clear       |
|                                                                                     | <a href="#">2311664-1</a>   | Cover, Light Controller                      | 75 mm  | Translucent |
|                                                                                     | <a href="#">1-2311664-1</a> | Cover, Light Controller                      | 75 mm  | Clear       |
|                                                                                     | <a href="#">2-2311664-1</a> | Cover, Light Controller w/Flat Surface**     | 75 mm  | Translucent |
|                                                                                     | <a href="#">2213748-1</a>   | Cover, Light Controller                      | 98 mm  | Translucent |
|                                                                                     | <a href="#">1-2213748-1</a> | Cover, Light Controller                      | 98 mm  | Clear       |
|                                                                                     | <a href="#">2306129-1</a>   | Cover, Light Controller                      | 130 mm | Translucent |
|  | <a href="#">1-2306129-1</a> | Cover, Light Controller                      | 130 mm | Clear       |
|                                                                                     | <a href="#">2306132-1</a>   | Sleeve, Controller - Side Aperture           | 50 mm  | Black       |
|                                                                                     | <a href="#">1-2306132-1</a> | Sleeve, Controller - Topside Aperture        | 50 mm  | Black       |
|                                                                                     | <a href="#">2213805-1</a>   | Sleeve, Controller - Topside Aperture        | 98 mm  | Black       |
|                                                                                     | <a href="#">1-2213805-1</a> | Sleeve, Controller - Side Aperture           | 98 mm  | Black       |
|                                                                                     | <a href="#">2-2213805-0</a> | Sleeve, Controller                           | 98 mm  | Blue        |
|                                                                                     | <a href="#">2306133-1</a>   | Sleeve, Controller - Side Aperture           | 130 mm | Black       |
|  | <a href="#">1-2306133-1</a> | Sleeve, Controller - Topside Aperture        | 130 mm | Black       |
|                                                                                     | <a href="#">1-2213871-1</a> | Light Controller Base Assembly - 5 Position* |        |             |
|                                                                                     | <a href="#">2213730-1</a>   | Light Controller Base Assembly - 7 Position  |        |             |
|                                                                                     | <a href="#">2213871-1</a>   | Light Controller Base Assembly - 7 Position* |        |             |

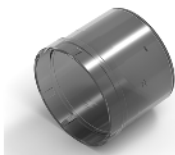
\*Accepts sleeves

\*\*Flat area provides a surface for mounting a communication cable or antenna



## Product Selection Information

## 81 mm Base, Sleeve and Cover

|                                                                                     | Part Number                 | Description                                   | Height | Color       |
|-------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------|--------|-------------|
|  | <a href="#">2315539-1</a>   | Cover, Light Controller                       | 62 mm  | Translucent |
|                                                                                     | <a href="#">1-2315539-1</a> | Cover, Light Controller                       | 62 mm  | Clear       |
|  | <a href="#">2338716-1</a>   | Cover, Light Controller                       | 80 mm  | Translucent |
|                                                                                     | <a href="#">1-2338716-1</a> | Cover, Light Controller                       | 80 mm  | Clear       |
|                                                                                     | <a href="#">2306130-1</a>   | Cover, Light Controller                       | 98 mm  | Translucent |
|                                                                                     | <a href="#">1-2306130-1</a> | Cover, Light Controller                       | 98 mm  | Clear       |
|  | <a href="#">2213996-1</a>   | Sleeve, Controller - Top Aperture             | 98 mm  | Black       |
|                                                                                     | <a href="#">1-2213996-1</a> | Sleeve, Controller - Side Aperture            | 98 mm  | Black       |
|  | <a href="#">1-2213871-2</a> | Light Controller Base Assembly - 5 Position   |        |             |
|                                                                                     | <a href="#">2213871-2</a>   | Light Controller Base Assembly - 7 Position   |        |             |
|                                                                                     | <a href="#">2325661-1</a>   | Shorting Base Assembly - 7 Position           |        |             |
|                                                                                     | <a href="#">1-2325661-1</a> | Shorting Base Assembly with Vent - 7 Position |        |             |

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