

# Darby™ LED High Lumen Double Ring Ceiling Light



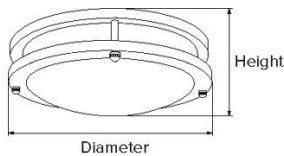
## Features

- White polycarbonate lens.
- Contemporary double ring design.
- Fully assembled and easy to install.
- Suitable for qualified hard wire installation into a standard 4x4 junction box.
- cUL listed for damp location.
- ENERGY STAR. CA Title 24 compliant (JA8-2016).

## Specifications

|                      |                                           |
|----------------------|-------------------------------------------|
| Wattage              | 14W - 22W                                 |
| Lumens               | 1010 lm - 2200 lm                         |
| Voltage              | 120V                                      |
| Color Temp.          | 2700K, 3000K, 3500K, 4000K, 5000K - 4000K |
| Dimmable             | Triac/ELV                                 |
| Lamp Type            | LED                                       |
| CRI                  | 90+                                       |
| Damp Location Listed |                                           |

## Size Chart



| Size | Diameter                         | Height                          |
|------|----------------------------------|---------------------------------|
| 10"  | 9 <sup>7</sup> / <sub>8</sub> "  | 2 <sup>3</sup> / <sub>4</sub> " |
| 12"  | 12 <sup>1</sup> / <sub>8</sub> " | 3 <sup>3</sup> / <sub>8</sub> " |
| 14"  | 14 <sup>1</sup> / <sub>8</sub> " | 3 <sup>3</sup> / <sub>4</sub> " |
| 16"  | 16 <sup>1</sup> / <sub>8</sub> " | 4 <sup>3</sup> / <sub>8</sub> " |

## Product Numbers

| Item      | Description | Lamp type | Lumens  | CCT                               | Watts | Voltage | Dimming   | Finish |
|-----------|-------------|-----------|---------|-----------------------------------|-------|---------|-----------|--------|
| ELD11040W | 10"         | LED       | 1010 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 14W   | 120V    | Triac/ELV | Nickel |
| ELD14CT5W | 14"         | LED       | 1800 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 18W   | 120V    | Triac/ELV | Nickel |
| ELD16CT5W | 16"         | LED       | 2200 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 22W   | 120V    | Triac/ELV | Nickel |

## Product Number Builder Example: ELD11040W

ELCO LED Flush Mount

Diameter

Color Temp.

Finish

ELD

110 10"

14 14"

16 16"

40 4000K

CT5 2700-5000K

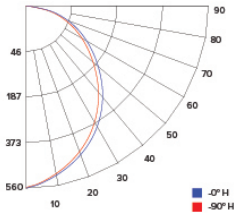
W Nickel

# Photometric Report

## Darby LED Standard Lumen Decorative Flush Mount Lights

### PHOTOMETRIC REPORT

Product #: ELD14CT5  
Wattage / Lumens: 18.1W / 1682.7 lm  
Luminaire LPW: 92.7 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°  |
|------------------|-----|
| 0                | 554 |
| 5                | 555 |
| 15               | 539 |
| 25               | 504 |
| 35               | 449 |
| 45               | 378 |
| 55               | 297 |
| 65               | 214 |
| 75               | 141 |
| 85               | 85  |
| 90               | 61  |

### ILLUMINANCE AT A DISTANCE

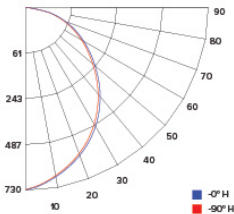
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 34.6                    | 11.5'         |
| 6'                       | 15.4                    | 17.3'         |
| 8'                       | 8.66                    | 23.0'         |
| 10'                      | 5.54                    | 28.8'         |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 427.9   | 25.4       |
| 0-40° | 697.9   | 41.5       |
| 0-60° | 1,225.4 | 72.8       |
| 0-90° | 1,648.7 | 98         |

### PHOTOMETRIC REPORT

Product #: ELD16CT5  
Wattage / Lumens: 22.4W / 2221.5 lm  
Luminaire LPW: 98.8 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°  |
|------------------|-----|
| 0                | 727 |
| 5                | 722 |
| 15               | 697 |
| 25               | 645 |
| 35               | 568 |
| 45               | 471 |
| 55               | 363 |
| 65               | 258 |
| 75               | 169 |
| 85               | 100 |
| 90               | 72  |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 45.4                    | 11.5'         |
| 6'                       | 20.2                    | 17.3'         |
| 8'                       | 11.4                    | 23.1'         |
| 10'                      | 7.27                    | 28.8'         |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens  | %Luminaire |
|-------|---------|------------|
| 0-30° | 561.6   | 25.3       |
| 0-40° | 916.1   | 41.2       |
| 0-60° | 1,608.0 | 72.4       |
| 0-90° | 2,166.9 | 97.5       |



**ELCO Lighting**

# Dimmer Compatibility Chart

## Ceiling Mounts

Darby & Dustin

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product                                             | Part Number | Dimmed Light Output Range |
|--------------|-----------------------------------------------------|-------------|---------------------------|
| Leviton      | -                                                   | 1A3306      | 10% - 100%                |
|              | -                                                   | 1G1306      | 10% - 100%                |
|              | -                                                   | 1K2306      | 10% - 100%                |
| Lutron       | Diva Single Pole/3-Way Incandescent/Halogen Dimmer  | DVW-603P    | 10% - 100%                |
|              | Diva Single Pole Incandescent/Halogen Preset Dimmer | DV-600P     | 10% - 100%                |
|              | Maestro C•L Single Pole/3-Way/Multi-Location Dimmer | MACL-153M   | 7% - 100%                 |
|              | Maestro Single Pole Timer Dimmer                    | MA-T51H     | 10% - 100%                |

\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.