

Dotz Dorado is a round wet label LED downlight with on board 0-10V dimming which can be installed recessed with 3 springs or panel mounted with 1.0" conduit nut on the threaded part of the body. It is available with a clear, frosted or opal lens and CNC machined trim in aluminum, brass or stainless steel.



## MADE IN THE USA

Complies with LM79 and LM80  
Complies with ARRA

Fixture Dimensions  
See Drawing on page 2.

## TECHNICAL DATA

|                           |                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 1W, 3W (24VDC)                                                                                                                                                                             |
| <b>Power Supply</b>       | Remote, not included. See page 2.                                                                                                                                                          |
| <b>Construction</b>       | Body: Die Cast Aluminum<br>Lens: 3/16" Tempered Glass<br>Cable Length: 2.0'                                                                                                                |
| <b>CCT</b>                | 3000K, 4000K, 5000K (Static color on request)                                                                                                                                              |
| <b>CRI</b>                | >80                                                                                                                                                                                        |
| <b>Delivered Lumens</b>   | 24 lm (1W, 5000K, frosted, no optic)<br>8.3 lm (1W, 5000K, opal, no optic)<br>81 lm (3W, 3000K, clear, 25°)<br>42 lm (3W, 3000K, frosted, no optic)<br>14.4 lm (3W, 3000K, opal, no optic) |
| <b>Efficacy</b>           | 24 lm/W (1W, 5000K, Frosted)<br>8 lm/W (1W, 5000K, Opal)<br>27 lm/W (3W, 3000K, clear, 25°)<br>14 lm/W (3W, 3000K, frosted, no optic)<br>4.8 lm/W (3W, 3000K, opal, no optic)              |
| <b>Optics</b>             | 6°, 25°, 6°x25° (only available on Clear Lens)                                                                                                                                             |
| <b>Finishes</b>           | 7 Standard, See Below                                                                                                                                                                      |
| <b>LED Source</b>         | 3W CREE LED                                                                                                                                                                                |
| <b>Fixture Dimensions</b> | Ø2.36" x 4.19" I                                                                                                                                                                           |
| <b>Body</b>               | Ø1.16"                                                                                                                                                                                     |
| <b>Cut-out Dimension</b>  | Ø1.25"                                                                                                                                                                                     |
| <b>IP Rating</b>          | IP65, Weatherproof Gland                                                                                                                                                                   |

## ORDERING INFORMATION

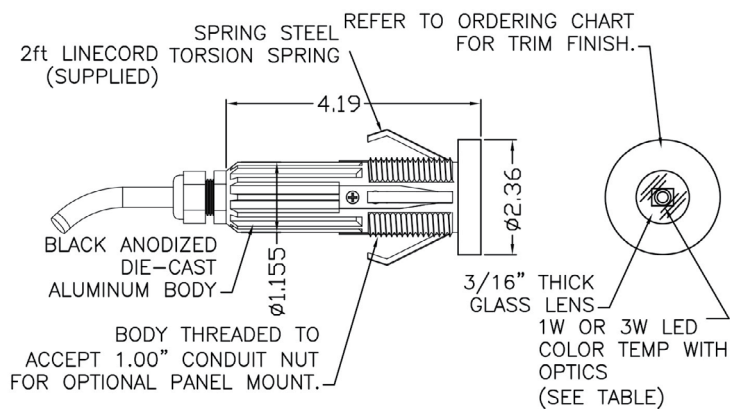
**Example: DOR-3-30-T-0-11. Power Supplies ordered separately.**

| DOR          | -                | -                                                                                                     | -                                                               | -                                                                                                                                                                                                 | -                                                                                                                                                                  | - |
|--------------|------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Model No.    | Wattage          | CCT                                                                                                   | Lens                                                            | Optics                                                                                                                                                                                            | Finish                                                                                                                                                             |   |
| DOR - Dorado | 1 - 1W<br>3 - 3W | 30 - 3000K<br>40 - 4000K<br>50 - 5000K<br><br><i>Note: Static Red, Green, Blue, Amber on request.</i> | T - Clear Tempered Glass<br>G - Frosted Glass<br>X - Opal Glass | 0 - None<br>1 - 6° Spot<br>2 - 25° Medium<br>3 - 6°x25° Asymmetric<br><br><i>Note: Optics are for use with "T" Clear glass lens. No optics are used with "G" Frosted and "X" Opal glass lens.</i> | 00 - Semi-Gloss Black<br>02 - Black Suede<br>TS - Silver<br>11 - White Suede<br>96 - Clear Anodized Satin Aluminum<br>PN - Polished Nickel<br>SS - Stainless Steel |   |

Job Name/Date:

Fixture Type Designation:

## FIXTURE DIMENSIONS



## SUGGESTED POWER SUPPLIES

24VDC

| Part Number               | Description                                             | Input/Output                             | # of Fixtures |      |
|---------------------------|---------------------------------------------------------|------------------------------------------|---------------|------|
|                           |                                                         |                                          | 1W            | 3W   |
| <a href="#">PPLT00284</a> | Non-Dim                                                 | 120/277VAC to 24VDC, 100W, Class 2, DAMP | 1-80          | 1-26 |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2       | 10-80         | 4-26 |

Suggested Lutron Compatible

| Part Number               | Option         | Lutron SKU | Dim Range | Description                                    | Input/Output                      | # of Fixtures |      |
|---------------------------|----------------|------------|-----------|------------------------------------------------|-----------------------------------|---------------|------|
|                           |                |            |           |                                                |                                   | 1W            | 3W   |
| <a href="#">PPLT00530</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-76          | 1-25 |

## DRIVERS IN NEMA ENCLOSURE

Remote 24VDC - ELV / TRIAC / 0-10V



PPLT00715

| Part Number               | Description                         | Input/Output                                | # of Fixtures |      |
|---------------------------|-------------------------------------|---------------------------------------------|---------------|------|
|                           |                                     |                                             | 1W            | 3W   |
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming to 0.1% | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-76          | 1-25 |

For other power supply options consult factory.

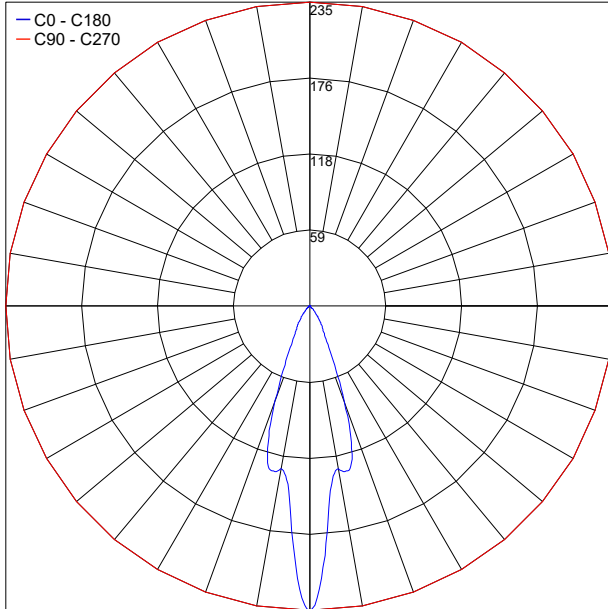
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

Dotz Round 3W 3000K Clear Lens - Medium Optic

Maximum Candela = 235



FILENAME : DOTZ 1X3W 3000K ROUND CLEAR LENS MEDIUM OPTIC LTL21264.IES

LTL TEST #21264

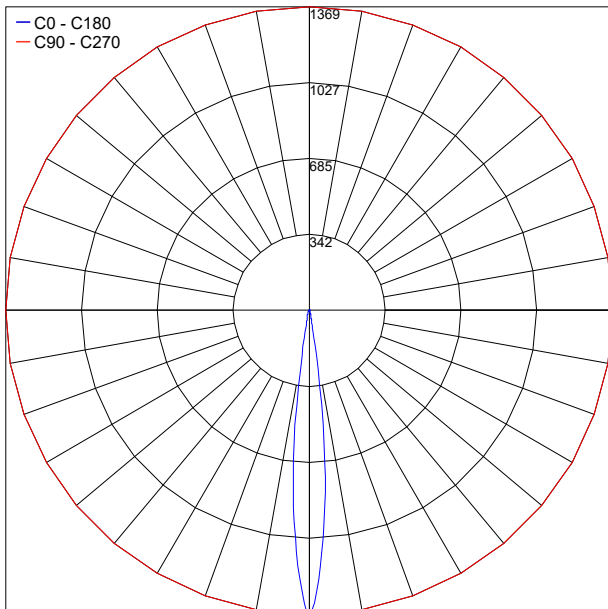
CIRCLE-OF-LIGHT

| Ft<br>below | FC<br>nadir | Dia<br>@ 50% |
|-------------|-------------|--------------|
| 6.0         | 6.5         | 3.0          |
| 8.0         | 3.7         | 4.0          |
| 10.0        | 2.3         | 5.0          |
| 12.0        | 1.6         | 6.0          |
| 14.0        | 1.2         | 7.1          |
| 16.0        | 0.9         | 8.1          |

NOTE: 'Dia' spans the edge-points that are half of nadir FC

Dotz Round 3W 3000K Clear Lens - Narrow Optic

Maximum Candela = 1369



FILENAME : DOTZ 1X3W 3000K ROUND CLEAR LENS NARROW OPTIC LTL21260.IES

LTL TEST #21260

CIRCLE-OF-LIGHT

| Ft<br>below | FC<br>nadir | Dia<br>@ 50% |
|-------------|-------------|--------------|
| 6.0         | 38.0        | 1.2          |
| 8.0         | 21.4        | 1.7          |
| 10.0        | 13.7        | 2.1          |
| 12.0        | 9.5         | 2.5          |
| 14.0        | 7.0         | 2.9          |
| 16.0        | 5.3         | 3.3          |

NOTE: 'Dia' spans the edge-points that are half of nadir FC

Job Name/Date:

Fixture Type Designation: