# DOTZ - URSA MAJOR

**designplan**®

Dotz Ursa Major is a sleek 1.9" 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 comes with frosted solid Acrylume™ acrylic trim.

**MADE IN THE USA**
Complies with LM79 and LM80
Complies with ARRA

Fixture Dimensions
*See Drawing on page 2.*

## TECHNICAL DATA

| | |
|---|---|
| **Wattage / Input** | 1W, 3W (24VDC) |
| **Power Supply** | Remote, not included. See page 2. |
| **Construction** | Body: Die Cast Aluminum<br>Lens: 3/16" Tempered Glass<br>Cable Length: 2.0' |
| **CCT** | 3000K, 4000K, 5000K (Static color on request) |
| **CRI** | >80 |
| **Delivered Lumens** | 192 lm (3W, 3000K) |
| **Efficacy** | 64 lm/W (3W, 5000K) |
| **Optics** | None |
| **Finishes** | Frosted Acrylic (Acrylume™) |
| **LED Source** | 3W CREE LED |
| **Fixture Dimensions** | Ø1.89" x 4.56" l |
| **Body** | Ø1.16" |
| **Cut-out Dimension** | Ø1.25" |
| **IP Rating** | IP65, Weatherproof Gland |

## ORDERING INFORMATION

*Example: URA-3-30-0-0-FA.  Power Supplies ordered separately.*

| URA | - | | - | | - | 0 | - | 0 | - | FA |
|---|---|---|---|---|---|---|---|---|---|---|

| Model No. | Wattage | CCT | Lens | Optics | Finish |
|---|---|---|---|---|---|
| **URA** - Ursa Major | **1** - 1W<br>**3** - 3W | **30** - 3000K<br>**40** - 4000K<br>**50** - 5000K<br><br>**Note:** *Static Red, Green, Blue, Amber on request.* | **0** - None | **0** - None | **FA** - Frosted Acrylic |

*Job Name/Date:*

*Fixture Type Designation:*

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## FIXTURE DIMENSIONS
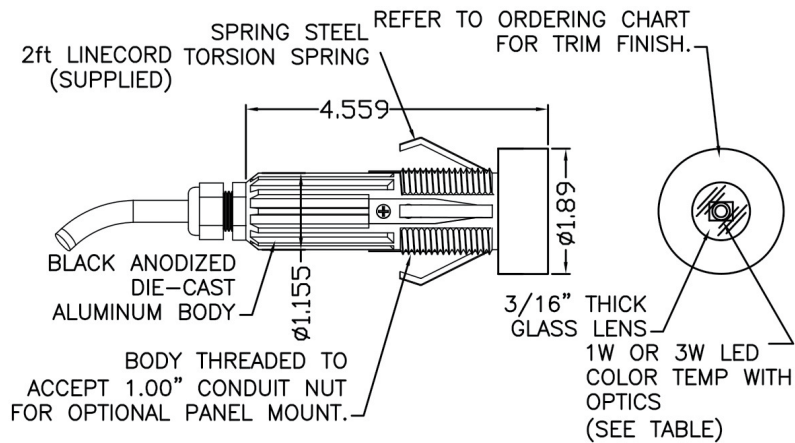


## SUGGESTED POWER SUPPLIES

### 24VDC

| Part Number | Description | Input/Output | # of Fixtures | |
|---|---|---|---|---|
| | | | 1W | 3W |
| **PPLT00155** | Non-Dim | 120-277VAC to 350mA, 30W, Class 2 | 1-24 | 1-8 |
| **PPLT00284** | Non-Dim | 120-277VAC to 24VDC, 100W, Class 2, DAMP | 1-80 | 1-26 |

### Suggested Lutron Compatible

| Part Number | Option | Lutron SKU | Dim Range | Description | Input/Output | # of Fixtures | |
|---|---|---|---|---|---|---|---|
| | | | | | | 1W | 3W |
| **PPLT00530** | 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 |

*For other power supply options consult factory.*

*Job Name/Date:*

*Fixture Type Designation:*

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## PHOTOMETRIC DATA

Dotz Round 3W 5000K Clear Lens - No Optic

Maximum Candela = 895

- C0 - C180
- C90 - C270

895
671
447
224

**FILENAME : DOTZ 1X3W 5000K  ROUND CLEAR LENS NARROW OPTIC LTL21284.IES**
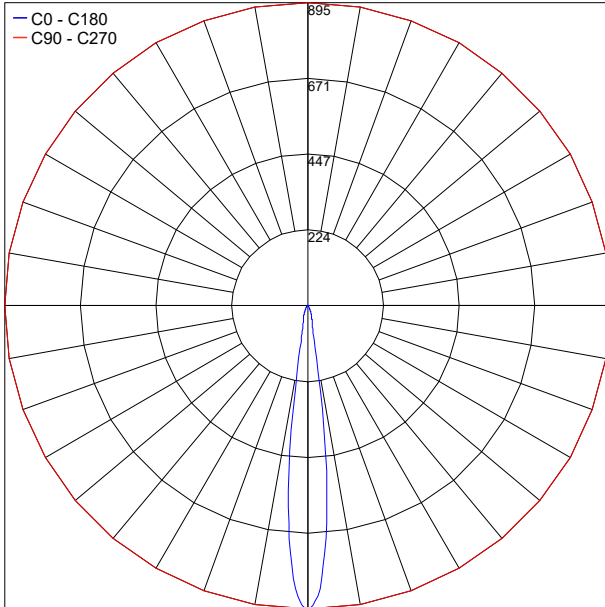
```
        LTL TEST #21284

        CIRCLE-OF-LIGHT

     Ft        FC       Dia
   below      nadir    @ 50%

    6.0       24.9      1.4

    8.0       14.0      1.9

   10.0        8.9      2.4

   12.0        6.2      2.9

   14.0        4.6      3.3

   16.0        3.5      3.8
```
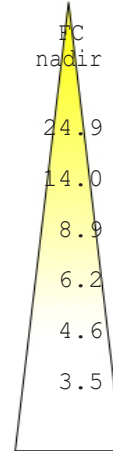
NOTE: 'Dia' spans the edge-points
that are half of nadir FC

*Job Name/Date:*

*Fixture Type Designation:*