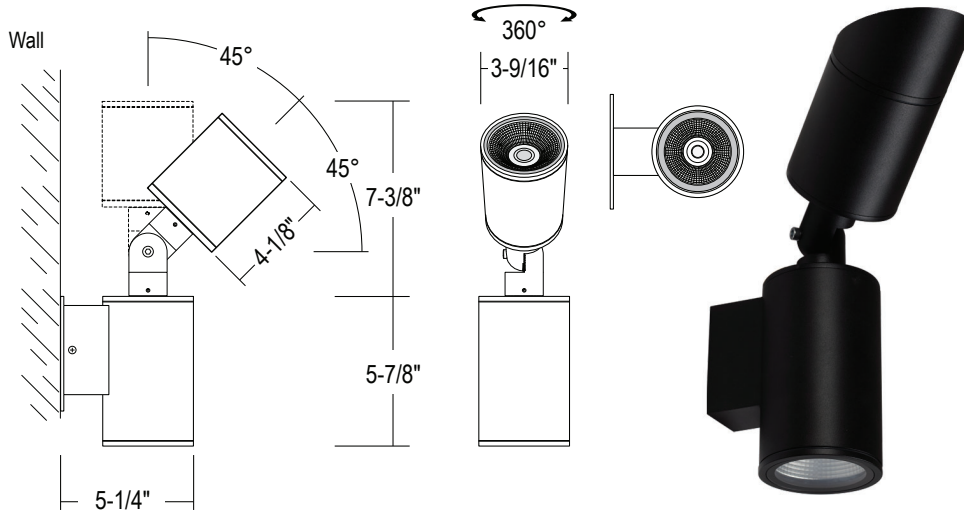


# WDJ340 : 4" BIONIC ROUND

2 x 1000LM-1500LM (20W-30W)



- Lockable Adjustability
- Uniform, Low-Glare Illumination
- 120V/277V Input Standard, 347V Available
- Wireless and Wired RGBW Options Available (12W LED)
- Improved Beam Spreads and Color Temperature Options
- Weep Holes for water drainage
- NEW Emergency Back-Pack Option Available
- NEW Glare Shields for eye comfort
- Available with Type IV Forward Throw and Type II Asymmetric Distributions

## ORDERING : WDJ340B-BADJ10-BF20-UE-DUN-T27

### WDJ340

| Fixture        | Finish                           | Lumen        | Optics (Adjustable)      | Optics (Fixed)        | Dimming                      | LED                      | Emergency Options                   | Options                       |
|----------------|----------------------------------|--------------|--------------------------|-----------------------|------------------------------|--------------------------|-------------------------------------|-------------------------------|
| <b>Finish</b>  |                                  |              |                          |                       |                              |                          |                                     |                               |
| White          | (RAL 9003) <b>W</b>              |              | <i>Adjustable Head</i>   | <i>Fixed Head</i>     | Non-Dimming (120V)           | <b>Blank</b>             | None                                | <b>Blank</b>                  |
| Black          | (RAL 9005) <b>B</b>              |              | <i>Standard Beams</i>    | <i>Standard Beams</i> | ELV and Triac Dimming (120V) |                          | Remote                              | <b>-EMAC</b>                  |
| Bronze         | (RAL 8019) <b>BZ</b>             |              | Wide Flood               | Wide Flood            | 0-10V Dimming (120V/277V)    |                          | BackPack (Side Mount)               | <b>-EMB-SD<sup>6</sup></b>    |
| Silver         | (RAL 7037) <b>S</b>              |              | Narrow Spot              | Narrow Spot           | UniDim™ (120V/277V)          |                          | BackPack (Face Mount)               | <b>-EMB-FC<sup>6</sup></b>    |
| Light Silver   | (RAL 7036) <b>LS<sup>1</sup></b> |              | Spot                     | Spot                  | 1% Dimming (120V/277V)       | <b>UE-DUN</b>            | BackPack (Empty)                    | <b>-EMB-BLANK<sup>5</sup></b> |
| Dark Grey      | (RAL 7015) <b>DG<sup>1</sup></b> |              | Flood                    | Flood                 | LED                          | <b>UE-D10P1</b>          | <b>Options</b>                      |                               |
| Metallic Gold  | (RAL 1001) <b>MG<sup>1</sup></b> |              | <i>CleanBeam™ Option</i> |                       | 4000K (90 CRI)               | <b>Blank</b>             | None                                | <b>Blank</b>                  |
| Metallic Black | (RAL 7021) <b>MB<sup>1</sup></b> |              | 10° Pencil Beam          | 10° Pencil Beam       | 2700K (90 CRI)               | <b>-T27</b>              | Black Hexcell Louver                | <b>-LVR</b>                   |
| <b>Lumen</b>   |                                  |              |                          |                       | 25° Clean Beam               | <b>-CBD20</b>            | Photocell Sensor                    | <b>-SDL</b>                   |
| 2 x 1000lm     | (20W)                            | <b>Blank</b> |                          |                       | 35° Clean Beam               | <b>-CBD35</b>            | Surge Protector                     | <b>-SRG</b>                   |
| 2 x 1500lm     | (30W)                            | <b>-L15</b>  |                          |                       | <i>Specialty Beams</i>       |                          | Cold Weather                        | <b>-CW<sup>4</sup></b>        |
|                |                                  |              |                          |                       | Wall Wash                    | <b>-BFWW</b>             | Glare Shield (Adjustable)           | <b>-SHA</b>                   |
|                |                                  |              |                          |                       | Forward Throw (Type IV)      | <b>-BFIV</b>             | Glare Shield (Fixed)                | <b>-SHD</b>                   |
|                |                                  |              |                          |                       | Type IIVS (30° x 60°)        | <b>-BFII<sup>2</sup></b> | Glare Shield (Adjustable and Fixed) | <b>-SH</b>                    |
|                |                                  |              |                          |                       |                              |                          | Marine Grade                        | <b>-MG<sup>2</sup></b>        |

<sup>1</sup> Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.

<sup>2</sup> Special Order. Minimum order quantity (MOQ), extended lead time may apply. Consult Factory.

<sup>3</sup> Standard Driver Starting Temp -10°C/14°F.

<sup>4</sup> Cold Weather (-CW) Starting Temperature is -30°C/-22°F.

<sup>5</sup> Blank EM enclosure available for non-EM units to provide a seamless design aesthetic when EM enabled products are installed.

<sup>6</sup> (-EMB) is not compatible with (-CW) option.

<sup>7</sup> Remote Power Supplies and Control Gear required. Available with Wireless Bluetooth Casambi or DMX 512 control. Consult Factory for Details.

Energy Efficient Chip-On-Board (COB) Singular LED Light source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED source products.

Binned with 3-Step MacAdam Ellipses as recommended by Ansi Standard. Available in 2700k, 3000k, 3500k, 4000k, 5000k.

Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

## SPECIFICATION

### Application

This WDJ series bi-directional wall mount luminaire can be used for both interior and outdoor settings. The dual reflector design can be used for both direct downward and indirect upward illumination for new construction or retrofit installations. Typical locations are in residential, commercial, and architectural facades and retail spaces that contain walls and/or columns.

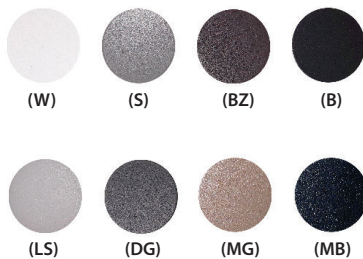
### Housing/Arm

Housing is constructed from a round one piece high grade aluminum extrusion with a rectangular extrusion arm. Extrusions are 6061 alloy; <04% Cu. Top and bottom Faceplates (with flush mounted tempered glass lenses) are of a robust die cast aluminum alloy and seal to the Housing by threading into it. Lenses are sealed via silicone o-rings. An aluminum alloy mounting plate with a U-bracket installs onto an electrical junction box and secures into the arm with two (2) fl at head countersunk phillips head stainless steel screws.

### Mounting:

The 4-1/4" square mounting plate with U-bracket installs onto a 3-1/2" or 4" octagonal electrical junction box. Elbow joint can swivel and be adjusted vertically to allow for 180° rotation horizontally and 90° vertically. Lock nut and teeth on the joint lock the fixture into position. For other junction box sizes see installation instructions.

### Finish:



A 7-stage electrostatic, polymer process provides an outdoor textured powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Consult factory for Custom Color. (More Information)

#### Standard Finishes:

White: RAL 9003 (W)  
Silver: RAL 7037 (S)  
Bronze: RAL 8019 (BZ)  
Black: RAL 9005 (B)

#### Special Order Finishes:

Light Silver: RAL 7036 (LS)  
Dark Gray: RAL 7015 (DG)  
Metallic Gold: RAL 1001 (MG)  
Metallic Black: RAL 7021 (MB)

### Certifications and Listings:

ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated for impact resistance.



## SPECIFICATION (Continued)

**Caution:** LITON recommends use of surge protectors on the power entering LED Housings.  
Surge damage is not covered by warranty.

### Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship.  
Fixture should not be installed in applications with ambient temperature above 50°C/122°F.  
Doing so will result in reduced lamp life and voided warranty.

### Optics

Up and Down multifaceted aluminum reflectors produce low glare illumination with multiple light control options. Standard Beam: Used for maximum light output and visible field angle.  
CleanBeam™: LED Used for a direct uniform light output with minimized field angle and to enhance building aesthetics.

**Standard Beam:** Used for maximum light output and visible field angle.

**CleanBeam™:** Used for a direct uniform light output with minimized field angle and to enhance building aesthetics.

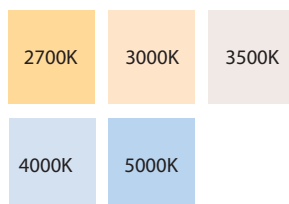
### LED

COB (Chip on Board) singular LED light source provides for smooth, uniform light output, eliminating the imaging produced by multiple LED source optics.

**Lumen Maintenance:** Lumen Maintenance is a minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

**Lumen Options (Nominal):** 2 x 1000lm (20W)  
2 x 1500lm (30W)

**Color Temperature:** Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.



**COLOR TEMP:** 2700K 3000K 3500K 4000K 5000K  
**CRI:** 90, 97 90, 97 90 90 80

## SPECIFICATION (Continued)

### RGB+W:



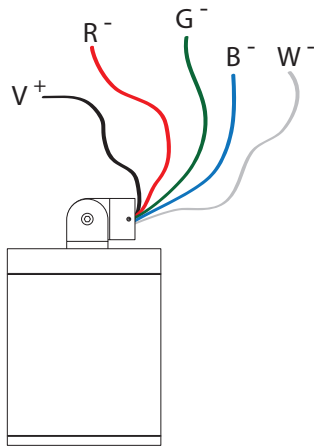
**CASAMBI**

15W RGBW LED Module Illuminates surfaces up to 10 feet away. Used for applications desiring a dynamic color changing effect. RGB+W design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness. Can be set for static colors or dynamic shows. Multiple control options available with either CASAMBI Wireless Bluetooth control or DMX 512 remote mounted decoders.

On-site commissioning and programming available.

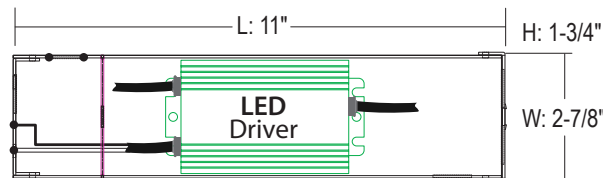
Consult Factory for Layout Assistance and Lead Times.

| COLOR | CCT/WAVELENGTH | POWER |
|-------|----------------|-------|
| Red   | 640nm          | 3.1W  |
| Green | 520nm          | 3.1W  |
| Blue  | 450nm          | 3.1W  |
| White | 2700K          | 3.1W  |

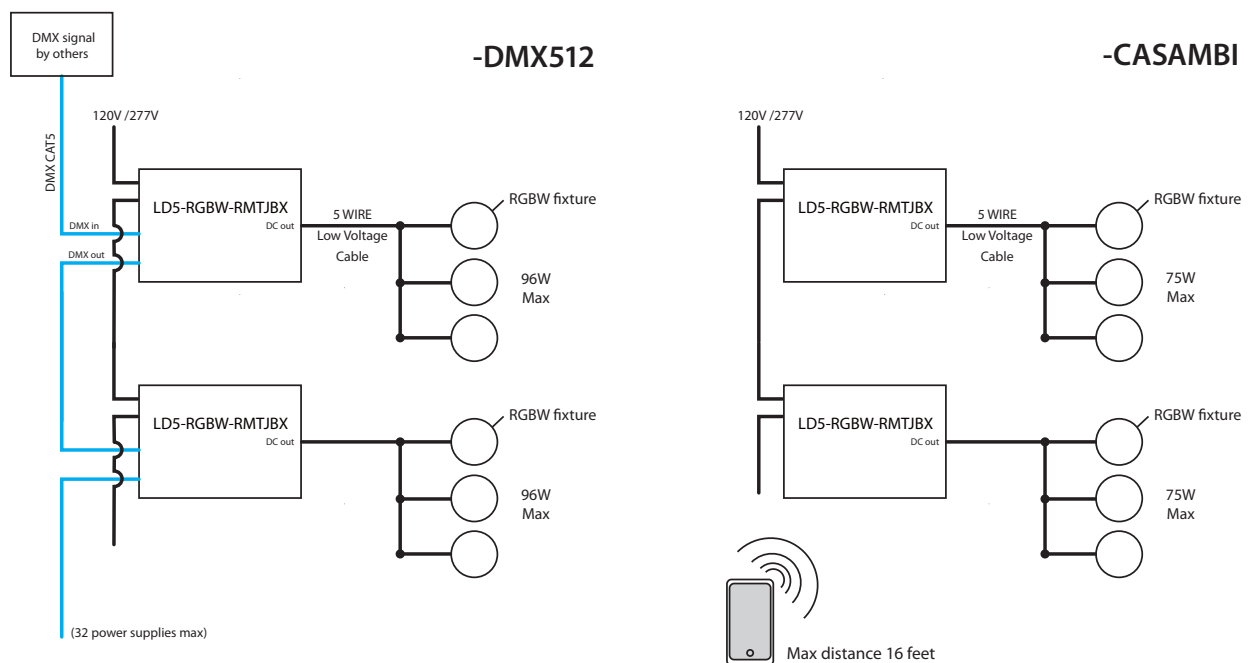


WIRED

| Remote Power Supply | Controls                                   | Wattage         |
|---------------------|--------------------------------------------|-----------------|
| LD5-RGBW-RMTJBX     | Remote Mounted Decoder <b>-DMX512</b>      | 15W <b>-W15</b> |
|                     | Wireless Bluetooth Control <b>-CASAMBI</b> | 30W <b>-W30</b> |
|                     |                                            | 60W <b>-W60</b> |
|                     |                                            | 96W <b>-W96</b> |



Junction Box Dimensions: 11" x 2-7/8" x 1-3/4" (LxWxH)



NOTE: Power supply must be placed in dry locations only. 100 feet max for 5 wire low voltage cable 18AWG.

## SPECIFICATION (Continued)

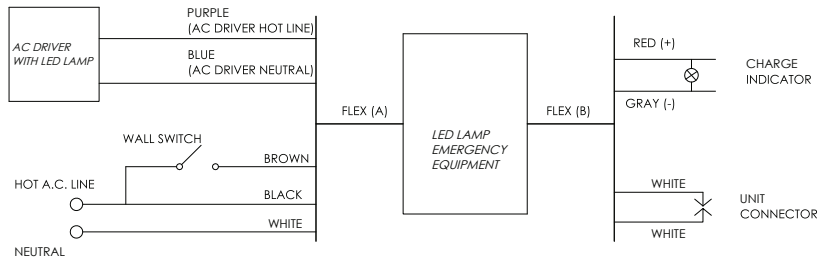
### REMOTE LOCATION EMERGENCY INVERTER (-EMAC): 25W and 40W

For installation away from the surface of the building in remote hidden location.

- Hidden Emergency Equipment
- Must be installed in Dry Locations
- Wattage package will determine if 25W or 40W battery gets sent; corresponding wiring diagrams below
- 170 VDC output to AC DRIVER during EM mode

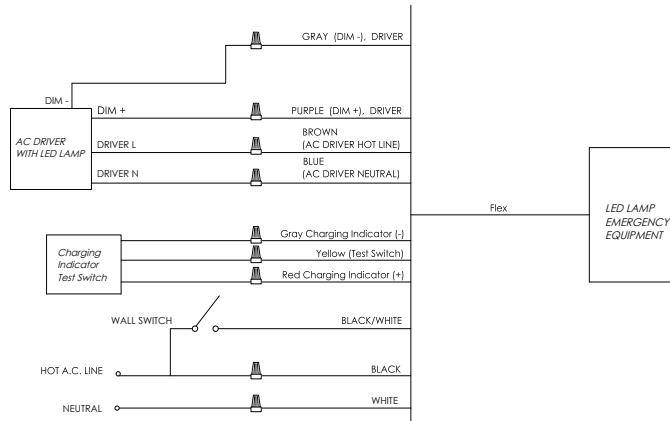
**Not rated for outdoor mounting. Damp location rated.**

#### <25W LOAD



|                      |                            |
|----------------------|----------------------------|
| Input Voltage:       | 120-277VAC/60Hz            |
| Output Voltage:      | 170VDC (120VAC Equivalent) |
| Wattage:             | 25W                        |
| Switching Time:      | <1s                        |
| Charging Time:       | 24h                        |
| Operating Time:      | 90 minutes                 |
| Minimum Temperature: | 0°C                        |
| Maximum Temperature: | 50°C                       |
| Maximum Lumens:      | 2200lm                     |
| Self-Diagnostic:     | No                         |

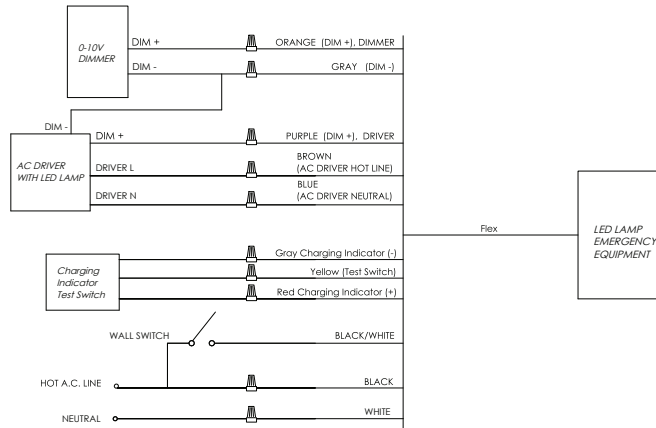
#### <40W LOAD



|                      |                            |
|----------------------|----------------------------|
| Input Voltage:       | 120-277VAC/60Hz            |
| Output Voltage:      | 170VDC (120VAC Equivalent) |
| Wattage:             | 40W                        |
| Switching Time:      | <1s                        |
| Charging Time:       | 24h                        |
| Operating Time:      | 90 minutes                 |
| Minimum Temperature: | 0°C                        |
| Maximum Temperature: | 50°C                       |
| Maximum Lumens:      | 3500lm                     |
| Self-Diagnostic:     | Yes                        |

#### >40W LOAD

- 0-10V dimmable driver required



## SPECIFICATION (Continued)

### BackPack Side Mount (-EMB-SD/FC)

Eliminates need for long runs back to remote emergency battery location. Installs directly on building surface. Ideal for locations wanting same mounting aesthetics for Emergency and Non-Emergency fixtures without the use of remote Emergency power. Can be fed from recessed wall mounted junction box from the back of fixture.

- Wet location rated.
- 120V-347V operation.
- Self diagnostic.
- Integral surge protector for emergency driver only.
- Includes (2) 1/2" NPT knock-outs.
- Optional -EMB-BLANK can be used to maintain a common aesthetic when -EMB-FC are used.

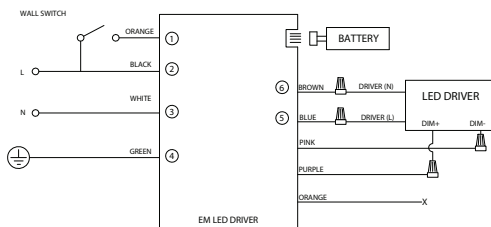


|                      |                               |
|----------------------|-------------------------------|
| Input Voltage:       | 120-347 Vac (50/60 Hz)        |
| Input Power:         | 7 Watts                       |
| Output Voltage:      | 170 V DC                      |
| Input Current:       | 100mA                         |
| Output Power:        | 18W                           |
| Surge Protection:    | Line-Neutral 3000V            |
| EM Operation:        | 90 minutes                    |
| Charge Time:         | 24 hour recharge              |
| Ambient Temperature: | 0°C to + 50°C (30°F to 122°F) |
| Weight:              | 3.7 lb                        |
| Rating:              | cUL                           |
| Self-Diagnostic:     | Yes                           |

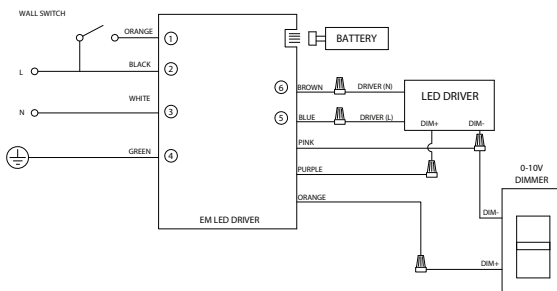
| MODE      | TEST SWITCH                    | INDICATOR STATUS                  | COMMENT                                        |
|-----------|--------------------------------|-----------------------------------|------------------------------------------------|
| AC MODE 1 | NOT PRESSED                    | ON (no flash)                     | EM DRIVER is CHARGING                          |
| AC MODE 2 | PRESSED ONCE                   | 2s ON THEN 2s OFF (slow flashing) | EM DRIVER is running 30s DIAGNOSTICS test      |
| AC MODE 3 | PRESSED TWICE [2s] in sequence | 2s ON THEN 2s OFF (slow flashing) | EM DRIVER is running 90min DIAGNOSTICS test    |
| EM MODE 1 | NOT PRESSED                    | 2s ON THEN 2s OFF (slow flashing) | EM DRIVER IS OUTPUTTING EM CONSTANT POWER LOAD |
| EM MODE 2 | PRESSED ONCE                   |                                   | EM DRIVER IS OFF                               |

When indicator flashes (0.2s) ON and then 0.2s (OFF) quickly or turns off, unit is defective. Contact manufacturer.

### 20W, 30W



### 20W, 30W (Dimmer)



NOTE: WHEN LED FIXTURE POWER IS MORE THAN 18W LED FIXTURE MUST BE EQUIPPED WITH 0-10V DIMMABLE DRIVER

## SPECIFICATION (Continued)

### Additional Options

Hexcell Louver (-LVR): 3 mm/.125" (size of the cells) - matte black finish, 45° glare cutoff, unframed.



Photocell (-SDL):

Allows for energy savings when illumination is not need during between dawn to dusks.  
Cuts off power to LED's during day time or in illuminated environments.



Voltage: 120V, 277V

Power Consumption .5W

On/Off Levels: On @ 0-2fc / Off @ 2fc or more

Warranty: 2-Year / 5,000 Cycles

Sensor Size: 3/8"

Rating: UL/cUL

Surge Suppressor (-SRG):

Protects driver against surges in line voltage/current  
(20KV, 1.2/50μS & 10KA, 8/20μS).

Provides a positive indication of end-of-life by opening voltage to the load.

Surge suppressor is a perishable device requiring periodic replacement.

Not a warrantied item.



## SPECIFICATION (Continued)

### Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted.  
Power Factor > 0.90. See Dimming Section for voltage and wiring.

Minimum Operating Temperature.  
Standard: -10°C/14°F

### Dimming Options

#### ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

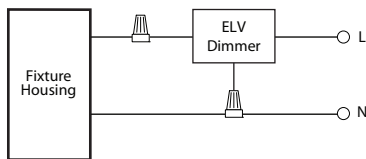
#### 0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

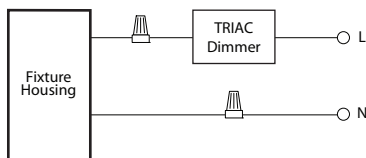
#### UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.

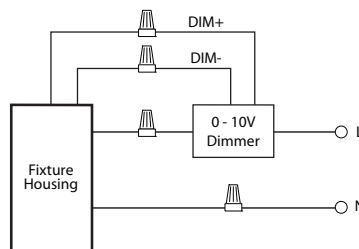
Incandescent/Phase Wiring  
ELV



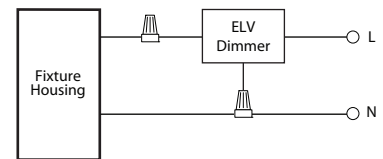
TRIAC



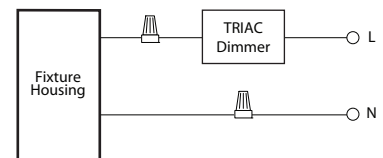
0 - 10V Wiring



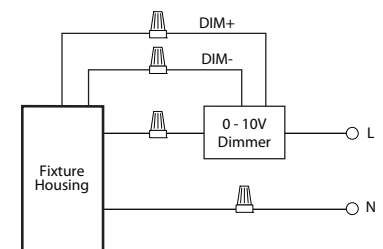
Incandescent/Phase Wiring  
ELV



TRIAC



0 - 10V Wiring



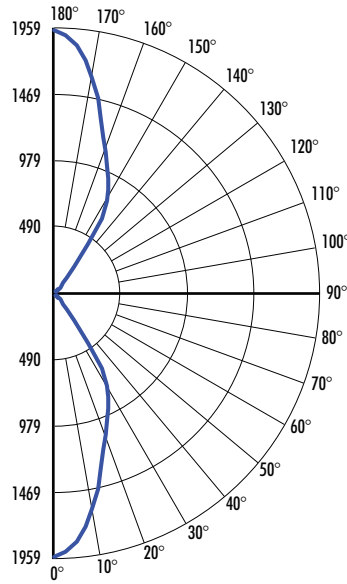
## PHOTOMETRY

### WDJ340BZ-L15UE-DUN-T40 (2x1500lm, 30W, 50°, 4000K)

System Power: 29.14W  
 Test Date: 02/2024  
 Beam Angle 50%: 48.5°  
 Field Angle 10%: 78.7°  
 Color Temperature: 4039K  
 CRI: 93.4  
 Lumens Delivered: 2x1372  
 CBCP: 1934.6  
 Power Factor: 0.93

| MULTIPLIERS    |             |
|----------------|-------------|
| CCT            |             |
| 2700K :        | 0.88        |
| 3000K :        | 0.92        |
| <b>3500K :</b> | <b>1.00</b> |
| <b>4000K :</b> | <b>1.00</b> |
| Lumens         |             |
| Blank          | 0.72        |
| <b>-L15</b>    | <b>1.00</b> |

#### CANDELA TABULATION



#### FOOTCANDLE DISTRIBUTION

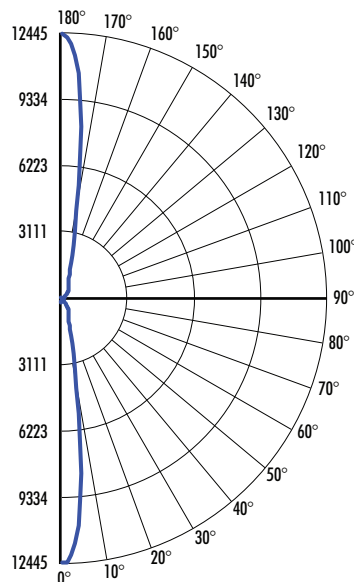
| Height | Beam Diameter | FC    |
|--------|---------------|-------|
| 16.0'  | 14.41'        | 7.56  |
| 14.0'  | 12.61'        | 9.87  |
| 12.0'  | 10.81'        | 13.43 |
| 10.0'  | 9.01'         | 19.35 |
| 8.0'   | 7.21'         | 30.23 |
| 8.0'   | 7.21'         | 30.23 |
| 10.0'  | 9.01'         | 19.35 |
| 12.0'  | 10.81'        | 13.43 |
| 14.0'  | 12.61'        | 9.87  |
| 16.0'  | 14.41'        | 7.56  |

### WDJ340BZ-L15-BADJ10-BF10UE-DUN-T40 (2x1500lm, 30W, 15°, 4000K)

System Power: 29.2W  
 Test Date: 02/2024  
 Beam Angle 50%: 15.0°  
 Field Angle 10%: 30.0°  
 Color Temperature: 4136K  
 CRI: 93.4  
 Lumens Delivered: 2x1583  
 CBCP: 12312.21  
 Power Factor: 0.93

| MULTIPLIERS    |             |
|----------------|-------------|
| CCT            |             |
| 2700K :        | 0.88        |
| 3000K :        | 0.92        |
| <b>3500K :</b> | <b>1.00</b> |
| <b>4000K :</b> | <b>1.00</b> |
| Lumens         |             |
| Blank          | 0.72        |
| <b>-L15</b>    | <b>1.00</b> |

#### CANDELA TABULATION



#### FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC     |
|--------|---------------|--------|
| 16.0'  | 4.21'         | 48.09  |
| 14.0'  | 3.69'         | 62.82  |
| 12.0'  | 3.16'         | 85.50  |
| 10.0'  | 2.63'         | 123.12 |
| 8.0'   | 2.11'         | 192.38 |
| 8.0'   | 2.11'         | 192.38 |
| 10.0'  | 2.63'         | 123.12 |
| 12.0'  | 3.16'         | 85.50  |
| 14.0'  | 3.69'         | 62.82  |
| 16.0'  | 4.21'         | 48.09  |

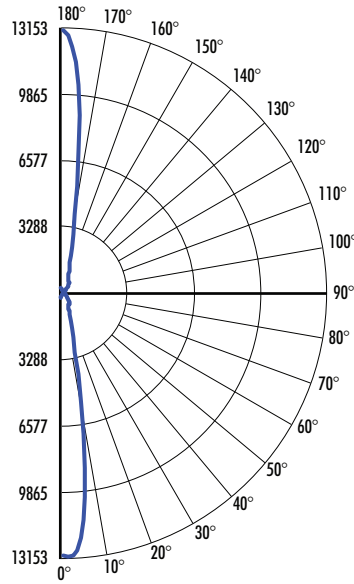
## PHOTOMETRY (Continued)

### WDJ340BZ-L15-BADJ20-BF20UE-DUN-T40 (2x1500lm, 30W, 20°, 4000K)

System Power: 29.16W  
 Test Date: 02/2024  
 Beam Angle 50%: 14.9°  
 Field Angle 10%: 27.9°  
 Color Temperature: 4149K  
 CRI: 92.5  
 Lumens Delivered: 2x1556  
 CBCP: 13153.40  
 Power Factor: 0.93

| MULTIPLIERS   |             |
|---------------|-------------|
| CCT           |             |
| 2700K:        | 0.88        |
| 3000K:        | 0.92        |
| <b>3500K:</b> | <b>1.00</b> |
| <b>4000K:</b> | <b>1.00</b> |
| Lumens        |             |
| Blank         | 0.72        |
| <b>-L15</b>   | <b>1.00</b> |

#### CANDELA TABULATION



#### FOOTCANDLE DISTRIBUTION

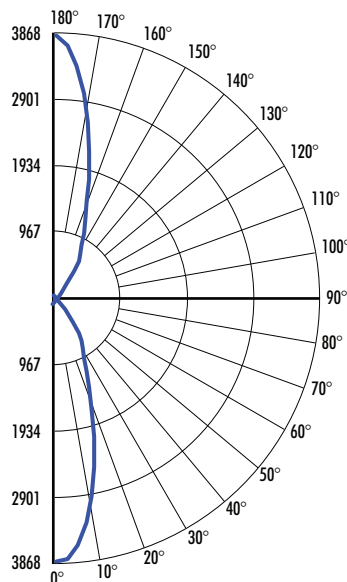
| Height | Beam Diameter | FC     |
|--------|---------------|--------|
| 16.0'  | 4.18'         | 51.02  |
| 14.0'  | 3.66'         | 66.63  |
| 12.0'  | 3.14'         | 90.70  |
| 10.0'  | 2.62'         | 130.60 |
| 8.0'   | 2.09'         | 204.06 |
| 8.0'   | 2.09'         | 204.06 |
| 10.0'  | 2.62'         | 130.60 |
| 12.0'  | 3.14'         | 90.70  |
| 14.0'  | 3.66'         | 66.63  |
| 16.0'  | 4.18'         | 51.02  |

### WDJ340BZ-L15-BADJ45-BF45UE-DUN-T40 (2x1500lm, 30W, 45°, 4000K)

System Power: 29.12W  
 Test Date: 02/2024  
 Beam Angle 50%: 30.5°  
 Field Angle 10%: 68.8°  
 Color Temperature: 4151K  
 CRI: 93.5  
 Lumens Delivered: 2x1559  
 CBCP: 3868.36  
 Power Factor: 0.92

| MULTIPLIERS   |             |
|---------------|-------------|
| CCT           |             |
| 2700K:        | 0.88        |
| 3000K:        | 0.92        |
| <b>3500K:</b> | <b>1.00</b> |
| <b>4000K:</b> | <b>1.00</b> |
| Lumens        |             |
| Blank         | 0.72        |
| <b>-L15</b>   | <b>1.00</b> |

#### CANDELA TABULATION



#### FOOTCANDLE DISTRIBUTION

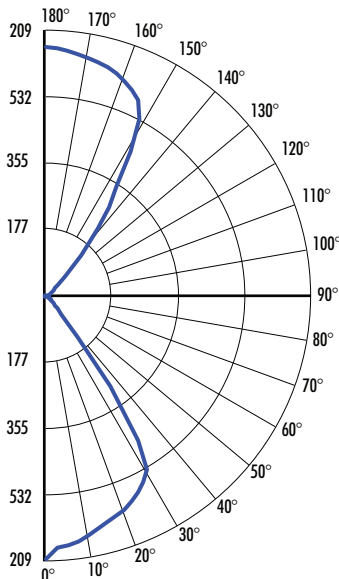
| Height | Beam Diameter | FC    |
|--------|---------------|-------|
| 16.0'  | 8.72'         | 15.11 |
| 14.0'  | 7.63'         | 19.74 |
| 12.0'  | 6.54'         | 26.86 |
| 10.0'  | 5.45'         | 38.68 |
| 8.0'   | 4.36'         | 60.44 |
| 8.0'   | 4.36'         | 60.44 |
| 10.0'  | 5.45'         | 38.68 |
| 12.0'  | 6.54'         | 26.86 |
| 14.0'  | 7.63'         | 19.74 |
| 16.0'  | 8.72'         | 15.11 |

## PHOTOMETRY (Continued)

### WDJ340BZ-L15-CBADJ10-CBF10UE-DUN-T40 (2x1500lm, 30W, 10°, 4000K)

|                    |         |                |             |
|--------------------|---------|----------------|-------------|
| System Power:      | 29.3W   | MULTIPLIERS    |             |
| Test Date:         | 02/2024 | CCT            |             |
| Beam Angle 50%:    | 15.1°   | 2700K :        | 0.88        |
| Field Angle 10%:   | 30.7°   | 3000K :        | 0.92        |
| Color Temperature: | 4154K   | <b>3500K :</b> | <b>1.00</b> |
| CRI:               | 93.2    | <b>4000K :</b> | <b>1.00</b> |
| Lumens Delivered:  | 2x441   | Lumens         |             |
| CBCP:              | 709.49  | Blank          | 0.72        |
| Power Factor:      | 0.92    | <b>-L15</b>    | <b>1.00</b> |

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC    |
|--------|---------------|-------|
| 16.0'  | 4.24'         | 2.77  |
| 14.0'  | 3.71'         | 3.62  |
| 12.0'  | 3.18'         | 4.93  |
| 10.0'  | 2.65'         | 7.09  |
| 8.0'   | 2.12'         | 11.09 |
| 8.0'   | 2.12'         | 11.09 |
| 10.0'  | 2.65'         | 7.09  |
| 12.0'  | 3.18'         | 4.93  |
| 14.0'  | 3.71'         | 3.62  |
| 16.0'  | 4.24'         | 2.77  |