

### THE PICCOLO FIXTURE

The Piccolo is a special micro fixture that stands just 0.23 in. (5.91 mm) high and 0.2 in. (5 mm) wide. The Piccolo uses a flat milky lens to create pinpoint lines of light in tight spaces such as custom millwork. It is sold in custom sizes ranging from 2.04 in. (51.7 mm) to 6 ft. 5.75 in. (1974.7 mm) long in increments of 1.52 in. (38.46 mm). The Piccolo features a special IP20 micro RibbonLyte that provides 90+ CRI in six available CCTs ranging from 2200K to 4000K.

- 3.0 W/ft (9.8 W/m)
- 0.2 in. (5 mm) wide by 0.23 in. (5.91 mm) high
- Fixture includes secure VHB tape backing
- Smallest fixture at 2.04 in. (51.7 mm) including end caps
- Sold in 1.52 in. (38.46 mm) increments up to 6 ft 5.75 in. (1974.7 mm)
- 110-degree beam angle
- Flat milky lens
- 55 LEDs/ft (182 LEDs/m)
- 90+ CRI
- IP20 rating for indoor use



### HOUSING FINISHES



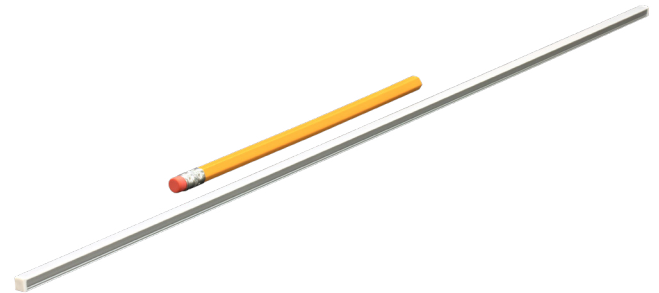
Silver Standard    Black\*    Custom RAL\*

\* Consult factory. Additional fee and MOQ apply.

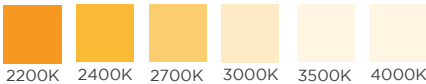
### AVAILABLE LENS FINISHES



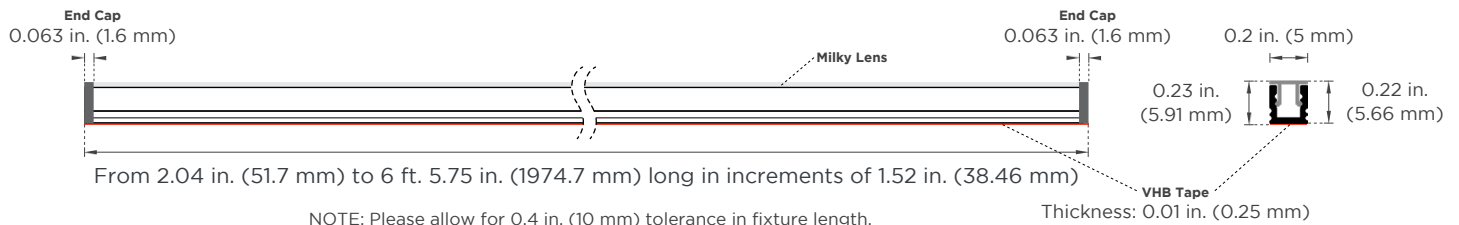
Milky Lens  
63% Light Transmission



### AVAILABLE COLOR TEMPERATURES



### DIMENSIONS



### ORDERING GUIDE

| Model                     | Wattage                  | Color Temp.  | LENS           | HOUSING COLOR  |
|---------------------------|--------------------------|--|----------------|--|
| PIC                       | 3.0                      |  | M              |  |
| PIC - The Piccolo Fixture | 3.0 - 3.0 W/ft (9.8 W/m) | 22 - 2200K    30 - 3000K<br>24 - 2400K    35 - 3500K<br>27 - 2700K    40 - 4000K | M - Milky Lens | SV - Silver (default)<br>BK - Black<br><br>Consult factory for custom colors.<br>Additional fee and MOQ apply. |

**NOTE:** The Piccolo is sold as a complete custom fixture. Cutting a Piccolo fixture in the field will void the warranty.


**SPECIFICATIONS**

|                                |   |
|--------------------------------|---|
| <b>Beam Angle</b>              | 110°  |
| <b>Lens Type</b>               | Milky Lens  |
| <b>Length</b>                  | Smallest fixture at 2.04 in. (51.7 mm) including end caps. Sold in 1.52 in. (38.46 mm) increments up to 6 ft 5.75 in. (1974.7 mm). Please allow for 0.4 in. (10 mm) tolerance in fixture length. (See dimension drawing at bottom of page 1 for reference.) |
| <b>Operating Voltage</b>       | 24V   |
| <b>Dimming</b>                 | MLV / 0-10 Volt / ELV / DALI / DMX  |
| <b>Operating Temperature</b>   | -40° F to 158° F (-40° C to 70° C)  |
| <b>Colors</b>                  | 2200K, 2400K, 2700K, 3000K, 3500K, 4000K  |
| <b>CRI</b>                     | 90+ CRI   |
| <b>Power Feed Option</b>       | End feed  |
| <b>Lamp Life</b>               | L70 at 50,000 Hours   |
| <b>MacAdam Ellipses (SDCM)</b> | 2-Step Binning (For Static White LEDs only)   |
| <b>Certifications</b>          | UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant                      |

**RIBBONLYTE SPECIFICATIONS**

| Cuttible Length     | LED Pitch               | Color Temperature | lm/W without Lens | Delivered Lumens with Milky Lens | Max Length       |
|---------------------|-------------------------|-------------------|-------------------|----------------------------------|------------------|
| 1.52 in. (38.46 mm) | 55 LEDs/ft (182 LEDs/m) | <b>2200K</b>      | 72                | 136 lm/ft (447 lm/m)             | 6 ft 7 in. (2 m) |
|                     |                         | <b>2400K</b>      | 77                | 146 m/ft (477 lm/m)              |                  |
|                     |                         | <b>2700K</b>      | 81                | 153 lm/ft (501 lm/m)             |                  |
|                     |                         | <b>3000K</b>      | 84                | 159 lm/ft (522 lm/m)             |                  |
|                     |                         | <b>3500K</b>      | 87                | 164 lm/ft (537 lm/m)             |                  |
|                     |                         | <b>4000K</b>      | 92                | 175 lm/ft (572 lm/m)             |                  |

**NOTE:** The Piccolo is sold as a complete custom fixture. Cutting a Piccolo fixture in the field will void the warranty.

| 24V DIMENSIONS | Top View   | Side View   | Dimensions   |
|----------------|--|---|--|
| IP20           |  <p>CUTTIBLE EVERY: 1.52 in (38.5 mm)</p> |  | <p><b>Width</b> 0.2 in (3 mm)<br/> <b>Max Length</b> 6 ft 7 in. (2 m)<br/> <b>Height</b> 0.06 in (1.45 mm)</p> |

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AVAILABLE DRIVERS OPTIONS / WIRE GAUGE CHART

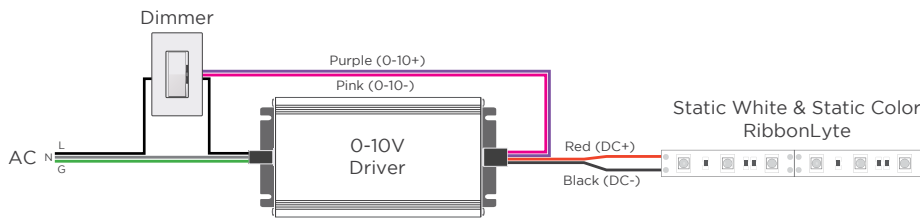
| NON-DIMMING ELECTRONIC DRIVERS  |   | ELV & MLV DRIVERS   |   | DIMMABLE DALI DRIVERS   |  |
|---|---|---|---|---|--|
|    |    |    |   |    |  |
| <p><b>30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2430 (30 Watt)</li> <li>• DRVW2460 (60 Watt)</li> <li>• DRVW2496 (96 Watt)</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 120-277 VAC<br/>IP65, dry/damp location<br/>UL Listed</p> | <p><b>240W, 320W Non-Dimming Electronic Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW24240 (240 Watt)</li> <li>• DRVW24320 (320 Watt)</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 90-305 VAC<br/>IP65, dry/damp location<br/>UL Recognized</p> | <p><b>60W, 96W Non-Dimming Compact Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRV2460C (60 Watt)</li> <li>• DRV2496C (96 Watt)</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 120-277 VAC<br/>IP20, dry location<br/>UL Class P</p>               | <p><b>60W, 96W, 150W, 300W ELV/MLV Dimmable Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2460ELVMLV (60 Watt)</li> <li>• DRVW2496ELVMLV (96 Watt)</li> <li>• DRVW24150ELVMLV (150 Watt)</li> <li>• DRVW24300ELVMLV (300 Watt)</li> </ul> <p>Line Voltage Dimmable Drivers<br/>Output Voltage: 24 VDC<br/>Input Voltage: 100-277 VAC<br/>IP67, damp/wet location<br/>UL, CE, and CSA Listed</p> | <p><b>100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRV100DALI1CH (100W 1 channel)</li> <li>• DRV100DALI2CH (100W 2 channel)</li> <li>• DRV150DALI4CH (150W 4 channel)</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 120-277 VAC<br/>IP20, dry location<br/>CE, UL Recognized, FCC, RoHS, SELV</p> |  |
| 0-10V DRIVERS   |   | ATHENA WIRELESS COMPATIBLE  |   | DIMMABLE DALI-2 DRIVERS   |  |
|    |    |    |    |   |  |
| <p><b>0-10V Dimmable Waterproof Drivers</b></p> <ul style="list-style-type: none"> <li>• Part No.: DRVW249610P (96 Watt)</li> <li>• Part No.: DRVW2428810P (288 Watt)</li> </ul> <p>Output Voltage: 24 VDC (+/- 0.5 V)<br/>Input Voltage: 100-277 VAC<br/>UL wet location<br/>UL Listed</p>                                   | <p><b>0-10V Dimmable 90W VW/WD Driver</b></p> <ul style="list-style-type: none"> <li>• Part No.: DRVRFWDVW2490120</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 100-277 VAC<br/>IP23, dry/damp location<br/>UL Listed</p>   | <p><b>94W Athena Wireless Compatible Drivers</b></p> <ul style="list-style-type: none"> <li>• Part No.: DRVW2494ATH1CH (1 channel)</li> <li>• Part No.: DRVW2494ATH2CH (2 channel)</li> </ul> <p>Output Voltage: 24 VDC<br/>Input Voltage: 100-277 VAC<br/>Dry location<br/>UL Listed</p> | <p><b>96W DIMMABLE DALI-2 DT6 D4I &amp; DALI-2 DT8 D4I DRIVERS</b></p> <ul style="list-style-type: none"> <li>• Part No.: DRVW2496DALI1CH (1 channel)</li> <li>• Part No.: DRVW2496DALI2CH (2 channel)</li> </ul> <p>Output Voltage: 24-26 VDC<br/>Input Voltage: 120-277 VAC<br/>IP67, wet location<br/>UL Listed</p>  |   |  |

DRIVER AND RIBBONLYTE AT FULL LOAD

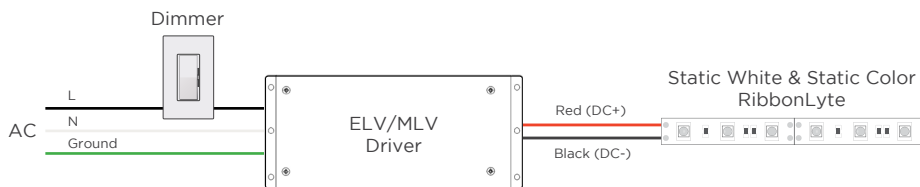
| Wattages                      | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|-------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
|                               | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 24 AWG / 0.25 mm <sup>2</sup> | 14   | 4.27   | 9    | 2.74   | 5.5  | 1.68   | 3.75 | 1.14   | 2.75 | 0.84   | 2.25 | 0.69   | 1.75 | 0.53   | 1.75 | 0.53   |
| 22 AWG / 0.34 mm <sup>2</sup> | 22   | 6.71   | 14   | 4.27   | 9    | 2.74   | 5.75 | 1.75   | 4.5  | 1.37   | 3.5  | 1.07   | 2.75 | 0.84   | 2.75 | 0.84   |
| 20 AWG / 0.5 mm <sup>2</sup>  | 35   | 10.67  | 23   | 7.01   | 14   | 4.27   | 9    | 2.74   | 7    | 2.13   | 5.75 | 1.75   | 4.5  | 1.37   | 4.25 | 1.30   |
| 18 AWG / 0.75 mm <sup>2</sup> | 56   | 17.07  | 37   | 11.28  | 23   | 7.01   | 15   | 4.57   | 11   | 3.35   | 9    | 2.74   | 7.5  | 2.29   | 7    | 2.13   |
| 16 AWG / 1.5 mm <sup>2</sup>  | 90   | 27.44  | 60   | 18.29  | 37   | 11.28  | 24   | 7.32   | 18   | 5.49   | 15   | 4.57   | 12   | 3.66   | 11   | 3.35   |
| 14 AWG / 2.5 mm <sup>2</sup>  | 142  | 43.29  | 95   | 28.96  | 59   | 17.99  | 38   | 11.59  | 28   | 8.54   | 23   | 7.01   | 19   | 5.79   | 17   | 5.18   |
| 12 AWG / 4 mm <sup>2</sup>    | 226  | 68.90  | 151  | 46.04  | 94   | 28.66  | 60   | 18.29  | 45   | 13.72  | 37   | 11.28  | 30   | 9.15   | 28   | 8.54   |
| 10 AWG / 6 mm <sup>2</sup>    | 360  | 109.76 | 240  | 73.17  | 150  | 45.73  | 96   | 29.27  | 72   | 21.95  | 60   | 18.29  | 48   | 14.63  | 45   | 13.72  |
| 8 AWG / 10 mm <sup>2</sup>    | 574  | 175.00 | 381  | 116.16 | 239  | 72.87  | 153  | 46.65  | 115  | 35.06  | 95   | 28.96  | 76   | 23.17  | 71   | 21.65  |

WIRING DIAGRAMS

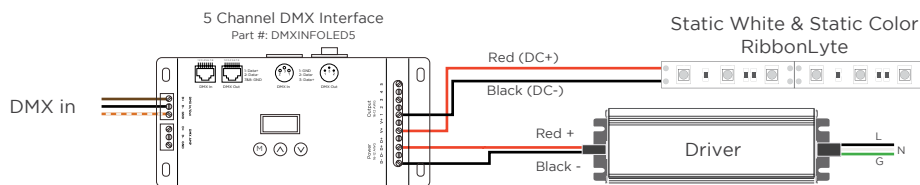
0-10 V



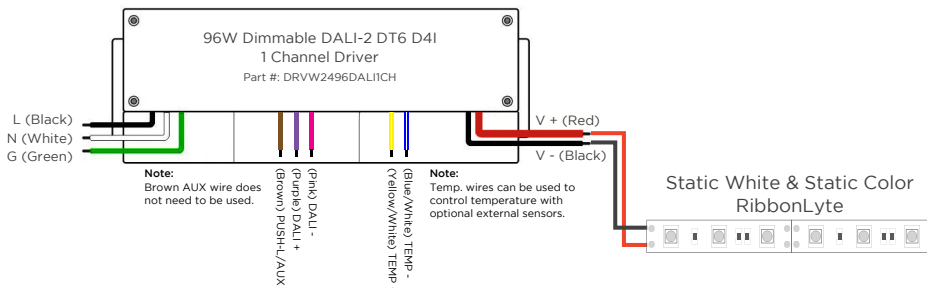
MLV / ELV



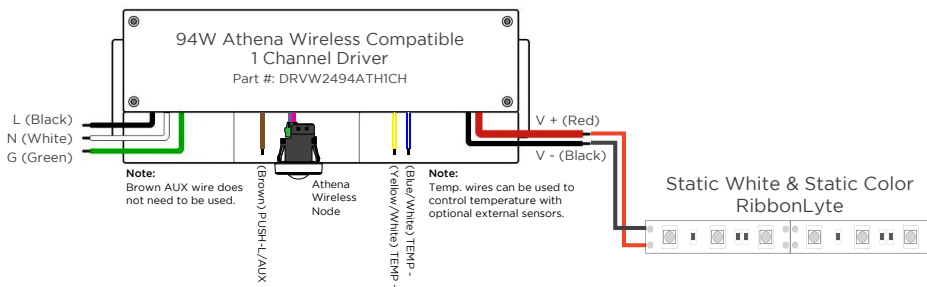
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



STATIC WHITE & STATIC COLOR RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS PER RIBBONLYTE COLOR

**STATIC WHITE + STATIC COLOR**  
Red Wire (+) Positive  
Black Wire (-) Negative

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**GLOBAL HQ**

320 Murray Hill Pkwy  
East Rutherford, NJ 07073  
T: (+1) 212 629 6830  
E: Sales-US@GENLEDBrands.com

**EUROPEAN HQ**

De Corridor 16K  
36212B Breukelen  
Netherlands  
T: (+31) 346 235 000  
E: SalesEurope@GENLEDBrands.com

**MEINA HQ**

PO Box 371378, #823, Building 4EA  
Dubai Airport Free Zone, Dubai, UAE  
T: (+971) 4 701 7901  
E: SalesMEINA@genledbrands.com

**ASIA-PACIFIC HQ**

Room 402, Building D  
Shenshi Tongchuang Science and Technology Park  
No. 16 Hongyin Road  
Xingqiang Community, Xihu Street  
Guangming District, Shenzhen, China 518107  
Sales: (+86) 139 1836 3905  
Office: (+86) 755 8529 0710  
E: Sales-Pacific@GENLEDBrands.com