

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



RoHS

Declare.



HOUSING FINISHES



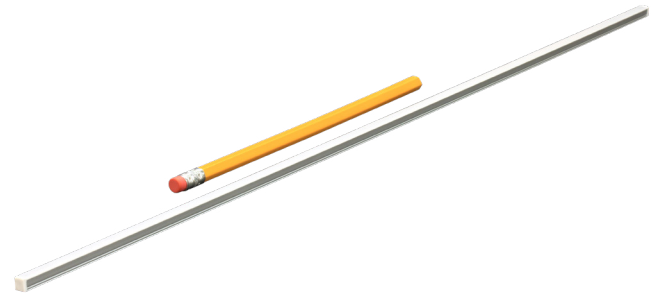
Silver Standard Black* Custom RAL*

* Consult factory. Additional fee and MOQ apply.

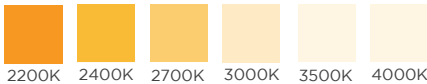
AVAILABLE LENS FINISHES



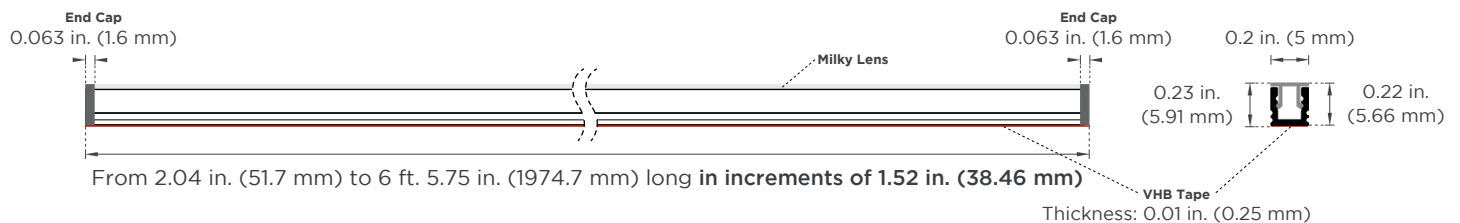
Milky Lens
63% Light Transmission



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 24 - 2400K 35 - 3500K 27 - 2700K 40 - 4000K	M - Milky Lens	SV - Silver (default) BK - Black Consult factory for custom colors. 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

Beam Angle	110°
Lens Type	Milky Lens
Length	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)
Operating Voltage	24 V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX
Operating Temperature	-40 – 158 °F (-40 – 70 °C)
Colors	2200K, 2400K, 2700K, 3000K, 3500K, 4000K
CRI	90+ CRI
Power Feed Option	End feed
Lamp Life	L70 at 50,000 hours
MacAdam ellipse (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	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)	2200K	72	136 lm/ft (447 lm/m)	6 ft 7 in. (2 m)
		2400K	77	146 m/ft (477 lm/m)	
		2700K	81	153 lm/ft (501 lm/m)	
		3000K	84	159 lm/ft (522 lm/m)	
		3500K	87	164 lm/ft (537 lm/m)	
		4000K	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>CUTTABLE EVERY: 1.52 in (38.5 mm)</p>		<p>Width 0.2 in (3 mm) Max Length 6 ft 7 in. (2 m) Height 0.06 in (1.45 mm)</p>

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AVAILABLE DRIVERS OPTIONS / WIRE GAUGE CHART

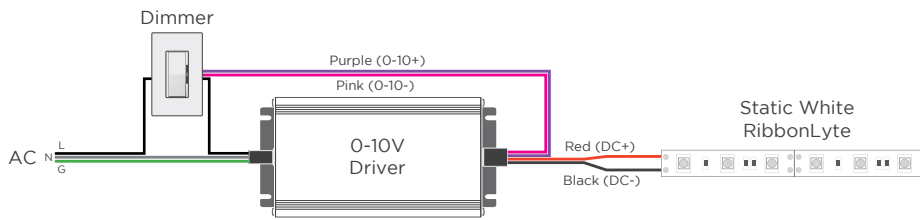
NON-DIMMING ELECTRONIC DRIVERS		ELV & MLV DRIVERS		DIMMABLE DALI DRIVERS	
					
<p>30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers</p> <p>Part No.:</p> <ul style="list-style-type: none"> • DRVW2430 (30 Watt) • DRVW2460 (60 Watt) • DRVW2496 (96 Watt) <p>Output Voltage: 24 VDC Input Voltage: 120-277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

DRIVER AND RIBBONLYTE AT FULL LOAD

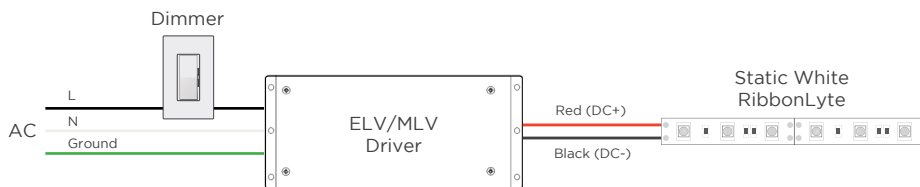
Wattages	30		60		96		150		200		240		300		320	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG / 0.5 mm ²	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 ²	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 ²	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 ²	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 ²	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 ²	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 ²	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

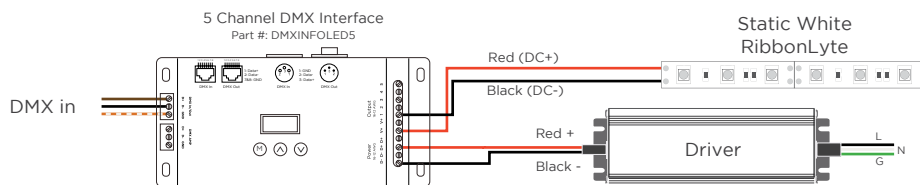
0-10 V



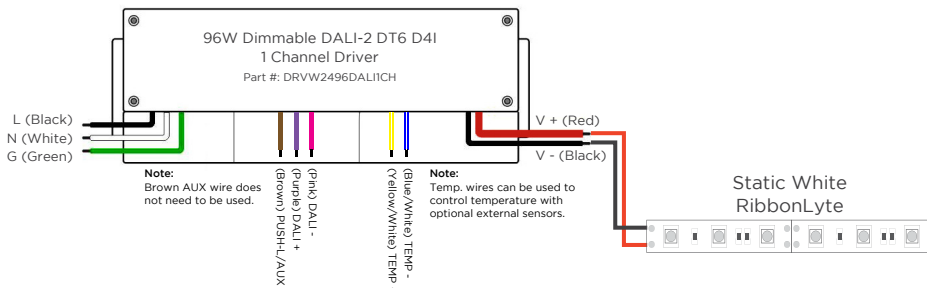
MLV / ELV



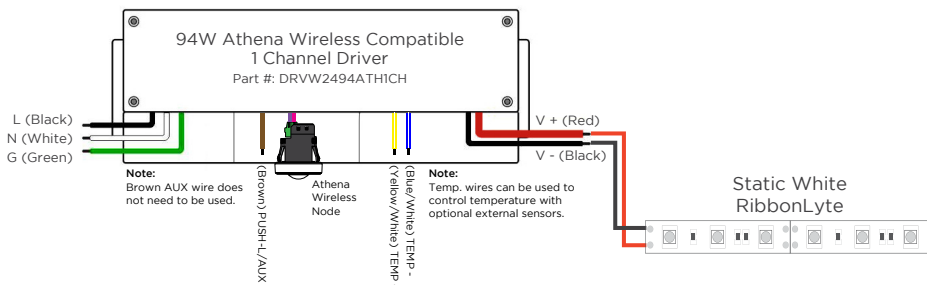
DMX WIRING WITH STATIC WHITE RIBBONLYTE



DALI-2 WIRING WITH STATIC WHITE RIBBONLYTE



STATIC WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS PER RIBBONLYTE COLOR

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

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