

PICCOLO 45

The Piccolo 45 is a special micro fixture that measures 0.26 x 0.26 in. (6.6 x 6.6 mm) with a flat milky lens presented at 45° to create fine lines of light in tight spaces, corners and under cabinets. It is sold in custom lengths ranging from 2.04 in. (51.7 mm) to 6 ft. 5.75 in. (1974.7 mm) in increments of 1.52 in. (38.46 mm). The Piccolo 45 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)
- 0.26 in. (6.6 mm) wide by 0.26 in. (6.6 mm) high
- Mount with Mounting Clips or VHB tape (sold separately)
- 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)
- 120° beam angle presented at 45°
- 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.

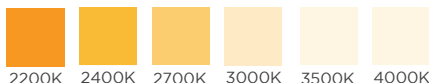
AVAILABLE LENS FINISHES



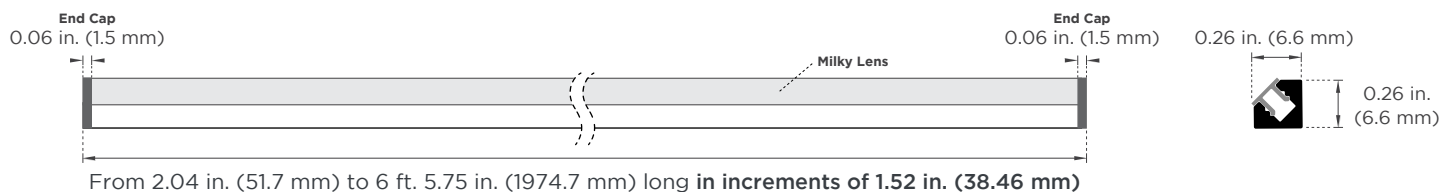
Milky Lens
63% Light Transmission



AVAILABLE COLOR TEMPERATURES



DIMENSIONS



ORDERING GUIDE

Model	Wattage	Color Temp.	LENS	HOUSING COLOR
PIC45	3.0		M	
PIC45 - The Piccolo 45 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.

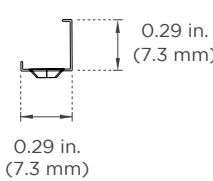
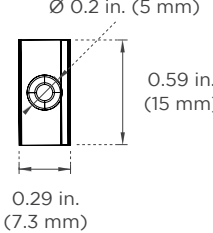
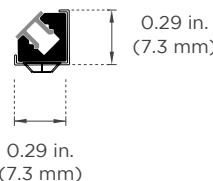
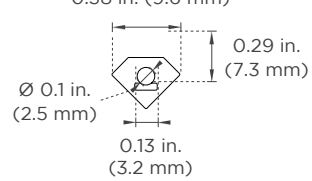
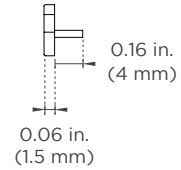
NOTE: The Piccolo is sold as a complete custom fixture. Cutting a Piccolo fixture in the field will void the warranty.

* Consult factory. Additional fee and MOQ apply.

SPECIFICATIONS

Beam Angle	120° beam angle presented at 45°
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)
Maximum Daisy Chained Fixture Length	9 ft 10 in. (3 m)
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
Lifetime (L70 reported)	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

ACCESSORIES

Mounting Clip (included accessory)			End Caps (included accessory)	
Side View	Top View	Assembled View	Front View	Side View
				
			0.2 in. VHB Tape (sold separately)	
			 Provides superior holding power. Available in 16 ft 4.8 in. (5 m) reels. Part Number: VHBTAPE0.2CL	

RIBBONLYTE SPECIFICATIONS

Cuttable Length	LED Pitch	Color Temperature	lm/W without Lens	Delivered Lumens with Milky Lens
1.52 in. (38.46 mm)	55 LEDs/ft (182 LEDs/m)	2200K	72	136 lm/ft (447 lm/m)
		2400K	77	146 lm/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	 CUTTABLE EVERY: 1.52 in (38.5 mm)		Width 0.2 in (3 mm) Max Length 6 ft 7 in. (2 m) Height 0.06 in (1.45 mm)

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AVAILABLE DRIVERS OPTIONS / WIRE GAUGE CHART

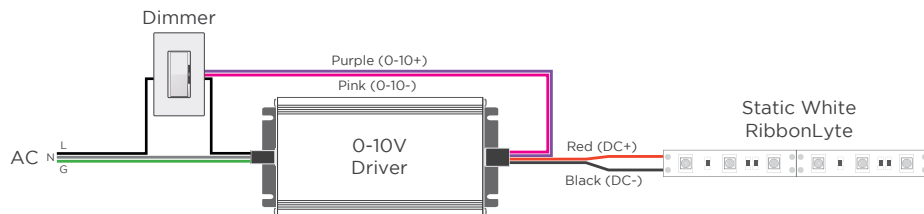
NON-DIMMING ELECTRONIC DRIVERS		0-10V/ELV/MLV 3-IN-1		0-10V VW/WD	
					
30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers	240W, 320W Non-Dimming Electronic Drivers	60W, 96W Non-Dimming Compact Drivers	60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers	0-10V Dimmable 90W VW/WD Driver	
Part No.: • DRVW2430 (30 W) • DRVW2460 (60 W) • DRVW2496 (96 W)	Part No.: • DRVW24240 (240 W) • DRVW24320 (320 W)	Part No.: • DRV2460C (60 W) • DRV2496C (96 W)	Part No.: • DRVW2460TRI010 (60 W) • DRVW2496TRI010 (96 W) • DRVW24288TRI010 (288 W)	Part No.: • DRVRFWDVW2490120	
24 VDC 120-277 VAC IP65, dry/damp locations UL Listed	24 VDC 90-305 VAC IP65, dry/damp locations UL Recognized	24 VDC 120-277 VAC IP20, dry locations UL Class P	24 VDC 120-277 VAC IP65, dry/damp/wet locations UL Listed	24 VDC 100-277 VAC IP23, dry/damp locations UL Listed	
ATHENA WIRELESS COMPATIBLE		CASAMBI COMPATIBLE DRIVERS		DIMMABLE DALI-2 DRIVERS	
					
94W Athena Wireless Compatible Drivers	100W & 200W Casambi Compatible 4 Channel Drivers	96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS		75W, 150W, 240W DALI-2 Dimmable Drivers	
Part No.: • DRVW2494ATH1CH (1 channel) • DRVW2494ATH2CH (2 channel)	Part No.: • DRVW24100CAS4CH (100 W) • DRVW24200CAS4CH (200 W)	Part No.: • DRVW2496DALI1CH (1 channel) • DRVW2496DALI2CH (2 channel)		Part No.: • DRVW2475DALI1CH (75 W, 1 channel) • DRVW24150DALI1CH (150 W, 1 channel) • DRVW24240DALI1CH (240 W, 1 channel) • DRV24150DALI2CH (150 W, 2 channels) • DRV24150DALI4CH (150 W, 4 channels)	
24 VDC 100-277 VAC Dry locations UL Listed	24 VDC 100-277 VAC IP66, dry/damp/wet locations UL Listed, CE, RoHS, Bluetooth, CASAMBI	24-26 VDC 120-277 VAC IP67, dry/damp/wet locations UL Listed		24 VDC 120-277 VAC IP67, damp/wet locations (1-channel drivers only) IP20, dry location (2-channel & 4-channel drivers only) CE, RoHS, SELV	

DRIVER AND RIBBONLYTE AT FULL LOAD

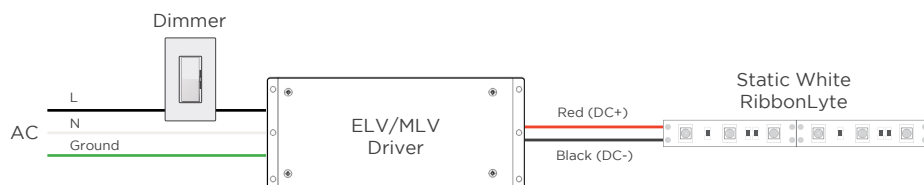
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5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

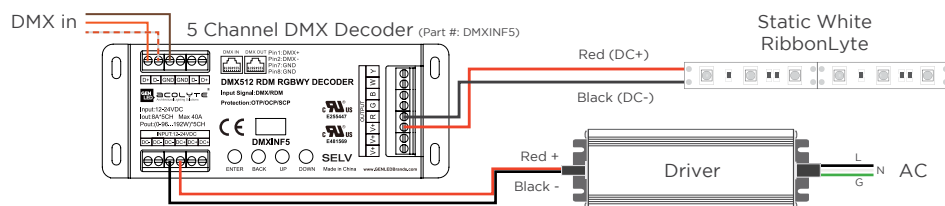
0-10 V



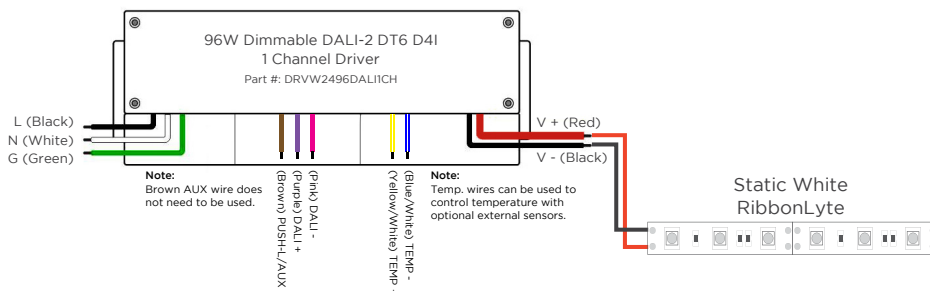
MLV / ELV



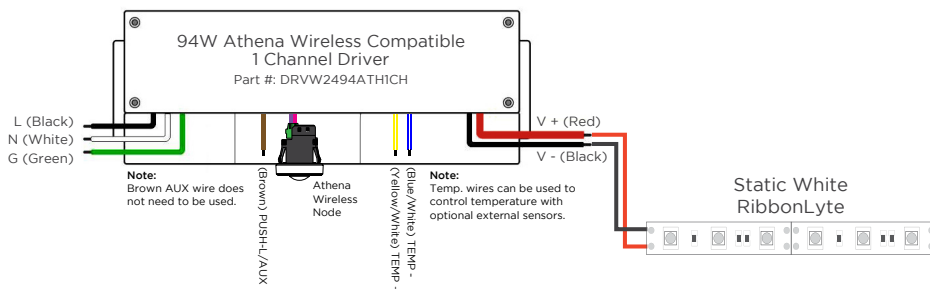
DMX WIRING WITH STATIC WHITE RIBBONLYTE



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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