GEN LED acolyte® Architectural Lighting Solutions

Date | Project

Notes

PICCOLO 45

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 2.43 in. (61.8 mm) to 6 ft. 6.81 in. (2001.8 mm) in increments of 0.2 in. (5 mm). Piccolo 45 features a unique IP20 micro RibbonLyte that provides 90+ CRI in six available CCTs ranging from 2200K to 4000K.



- 2.9 W/ft (9.6 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 2.43 in. (61.8 mm) including end caps
- Sold in 0.2 in. (5 mm) increments up to 6 ft. 6.81 in. (2001.8 mm)
- 120° beam angle presented at 45°
- Flat milky lens
- 61 LEDs/ft (200 LEDs/m)
- 90+ CRI
- IP20 rating for indoor use

RoHS Declare. TM66 ASSESSED TITLE 24 JA8 COMPLIANT 2200K-4000K

HOUSING FINISHES

Silver Standard | **Black*** | **Custom RAL***

* Consult factory. Additional fee and MOQ apply.

AVAILABLE LENS FINISH

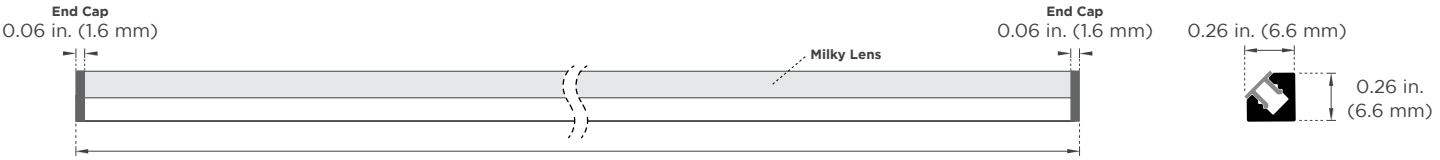
Milky Lens



AVAILABLE COLOR TEMPERATURES

2200K 2400K 2700K 3000K 3500K 4000K

DIMENSIONS



From 2.43 in. (61.8 mm) to 6 ft. 6.81 in. (2001.8 mm) long in **increments of 0.2 in. (5 mm)**

ORDERING GUIDE

Model	Wattage	Color Temp.		LENS	HOUSING COLOR
PIC45	2.9			M	
PIC45 - The Piccolo 45 Fixture	**2.9** - 2.9 W/ft (9.6 W/m)	**22** - 2200K	**30** - 3000K	**M** - Milky Lens	**SV** - Silver (default)
		24 - 2400K	**35** - 3500K		**BK** - Black*
		27 - 2700K	**40** - 4000K		Consult factory for custom colors. Addtional fee and MOQ apply.

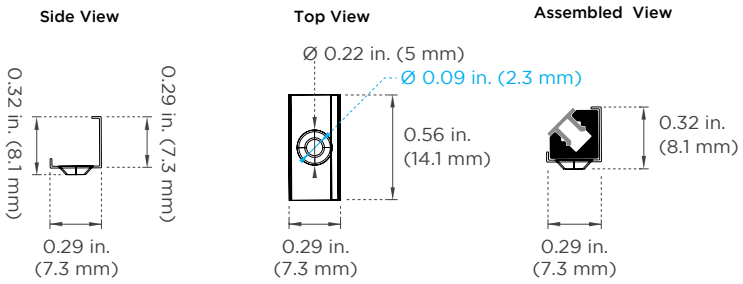
NOTE: The Piccolo is sold as a complete custom fixture. Cutting a Piccolo fixture in the field will void the warranty.
* Consult factory. Additional fee and MOQ apply.

SPECIFICATIONS

Beam Angle	120° beam angle presented at 45°
Lens Type	Milky Lens
Length	Smallest fixture at 2.43 in. (61.8 mm) including end caps. Sold in 0.2 in. (5 mm) increments up to 6 ft. 6.81 in. (2001.8 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, CE

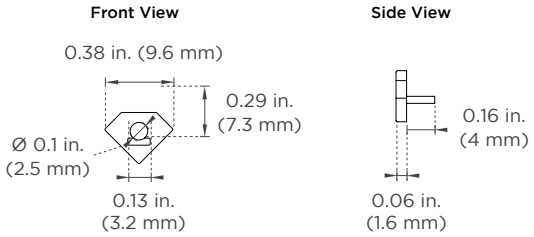
ACCESSORIES

Mounting Clip (included accessory)



NOTE:
Mounting screws are included
Screw Type: M2 x 6 mm Phillips Flat Head Type AB Tapping Screw, Zinc-Plated Steel
(Use a PH0 screwdriver to ensure safe installation and avoid stripping the screws.)

End Caps (included accessory)



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
0.2 in. (5 mm)	61 LEDs/ft (200 LEDs/m)	**2200K**	115	140 lm/ft (460 lm/m)
		2400K	124	150 lm/ft (490 lm/m)
		2700K	130	160 lm/ft (525 lm/m)
		3000K	135	165 lm/ft (540 lm/m)
		3500K	140	170 lm/ft (560 lm/m)
		4000K	148	165 lm/ft (540 lm/m)

NOTE: The Piccolo 45 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	 Incremental length: 0.2 in (5 mm)		**Width** 0.2 in (3 mm) **Max Length** 6 ft 7 in. (2 m) **Height** 0.06 in (1.45 mm)

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

AVAILABLE DRIVERS OPTIONS / WIRE GAUGE CHART

0-10V/ELV/MLV 3-IN-1



60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers

Part No.:
- DRVW2460TRI010 (60 W)
- DRVW2496TRI010 (96 W)
- DRVW24288TRI010 (288 W)

24 VDC
120-277 VAC
IP65, dry/damp/wet locations
UL Listed

ELV



60W Dimmable Driver

Part No.:
- DRVW2460ELV

24 VDC
100-130 VAC
Fits in single-gang switch boxes
IP20, dry locations
UL Recognized

0-10V VW/WD



0-10V Dimmable 96W VW/WD Driver

Part No.:
- DRVW2496VWWD

24 VDC
100-277 VAC
UL wet-rated, dry/damp/wet locations
UL Listed

COMPACT



60W, 96W Non-Dimming Compact Drivers

Part No.:
- DRV2460C (60 W)
- DRV2496C (96 W)

24 VDC
120-277 VAC
IP20, dry locations
UL Class P

ATHENA WIRELESS COMPATIBLE



94W Athena Wireless Compatible Drivers

Part No.:
- DRVW2494ATH1CH (1 channel)
- DRVW2494ATH2CH (2 channel)

24 VDC
100-277 VAC
Dry locations
UL Listed

CASAMBI COMPATIBLE DRIVERS



100W & 200W Casambi Compatible 4 Channel Drivers

Part No.:
- DRVW24100CAS4CH (100 W)
- DRVW24200CAS4CH (200 W)

24 VDC
100-277 VAC
IP66, dry/damp/wet locations
UL Listed, CE, RoHS, Bluetooth, CASAMBI

DIMMABLE DALI-2 DRIVERS



96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS

Part No.:
- DRVW2496DALI1CH (1 channel)
- DRVW2496DALI2CH (2 channel)

24-26 VDC
120-277 VAC
IP67, dry/damp/wet locations
UL Listed

DIMMABLE DALI-2 DRIVERS



75W, 150W, 240W DALI-2 Dimmable Drivers

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)

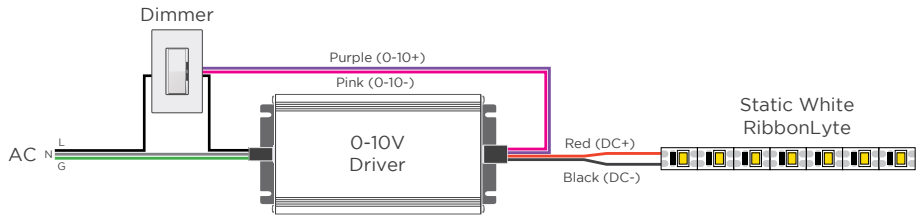
24 VDC
120-277 VAC
IP67, damp/wet locations (1-channel drivers only)
IP20, dry location (2-channel & 4-channel drivers only)
CE, RoHS, SELV

DRIVER AND RIBBONLYTE AT FULL LOAD

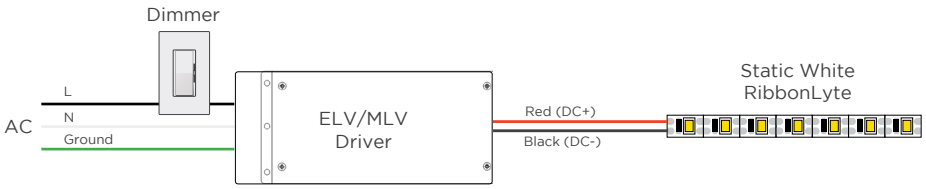
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG / 0.5 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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 mm²	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

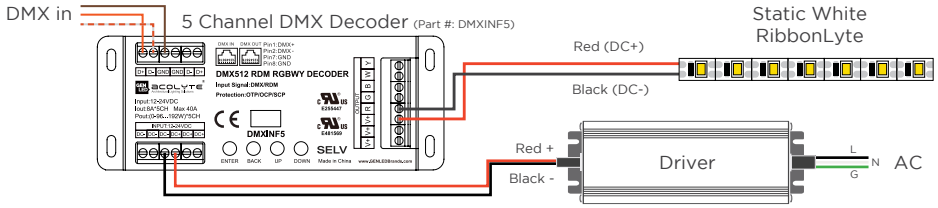
0-10 V



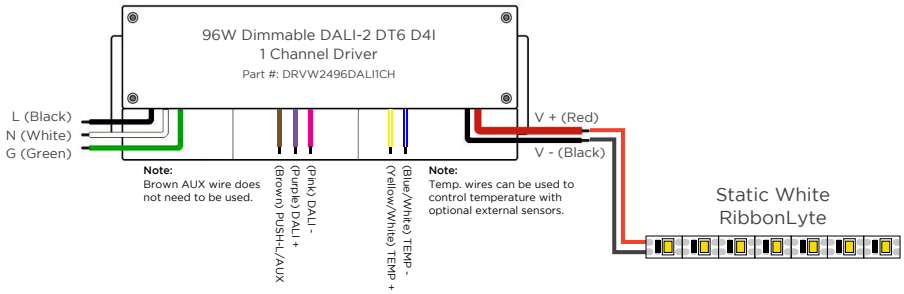
MLV / ELV



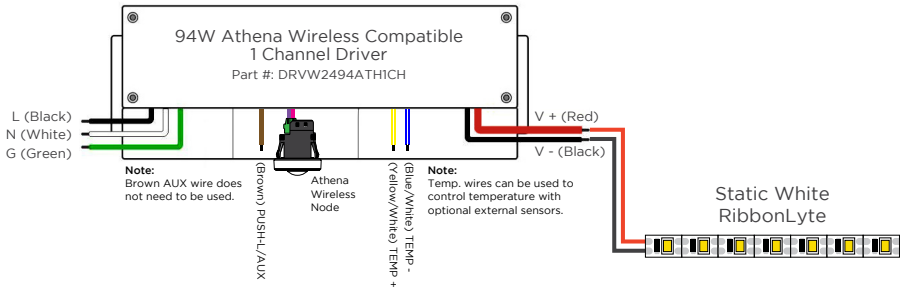
DMX WIRING WITH STATIC WHITE RIBBONLYTE



DALI-2 WIRING WITH STATIC WHITE RIBBONLYTE



STATIC WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS

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

REV.17NOV2026

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

EUROPEAN HQ
Hogeweyselaan 119
1382 JK Weesp
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, Xinhu Street
Guangming District, Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com