

AS20G CHANNEL FIXTURE

The AS20G Channel Fixture is a grazer channel with a 20° beam angle. (Adjust to wider beam angles by installing a profile assistant that moves the LEDs.) A grazer lens installed with mounting clips or tiltable stands can create a full range of light output and design options. Design a custom grazer fixture with AS20G Channel and our RibbonLyte products.

- Available for field or factory assembly
- Special optic lens focuses light
- Beam angle: 20°
- Adjust to 40°, 60°, 75° or 90° with profile assistant
- Wattage range: 0.75 W/ft (2.46 W/m) to 6.0 W/ft (19.7W/m)
- Static White delivered lumen range: 42.8 lm/ft (140.5 lm/m) - 538.6 lm/ft (1766.5 lm/m)



HOUSING FINISHES

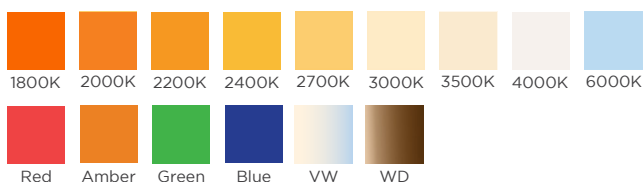


*Additional fee applies

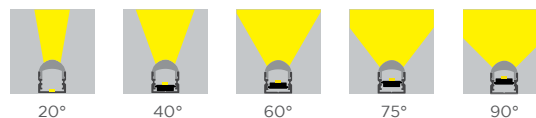
AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES

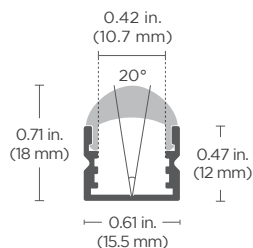


AVAILABLE BEAM ANGLES



DIMENSIONS

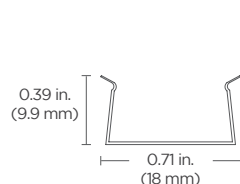
AS20G Channel



Width: 0.61 in. (15.5 mm)
Height: 0.71 in. (18 mm)
Internal Width: 0.42 in. (10.7 mm)

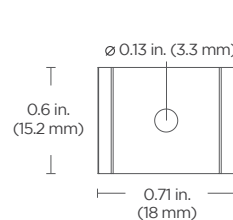
Mounting Clip (Included Accessory)

Side View

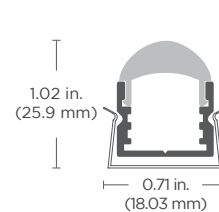


Width: 0.6 in. (15.2 mm)
Length: 0.71 in. (18 mm)
Height: 0.39 in. (9.9 mm)

Top View



Assembled View



Note:

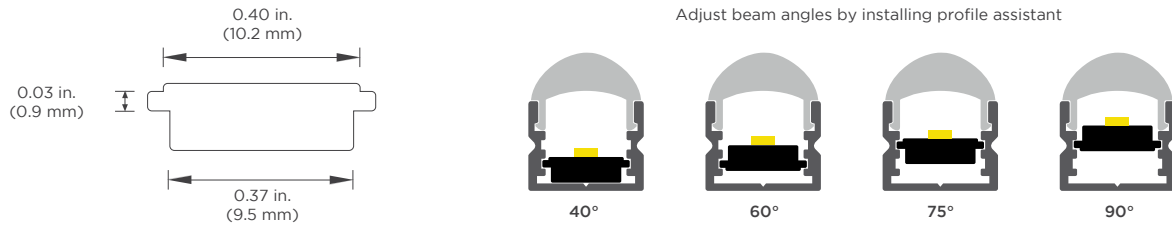
1. Each section of channel includes **3 mounting clips**.
2. **Magnetic mounting** option available (see page 2)
3. **Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.

SPECIFICATIONS

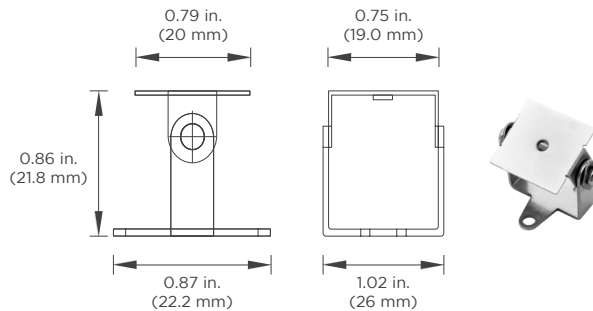
| | |
|--------------------------------|--|
| Beam Angle | 20° (40°, 60°, 75° or 90° with profile assistant) |
| Lens Type | Grazer Lens |
| Length | Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included. |
| Operating Voltage | 24V |
| Dimming | MLV / 0-10 Volt / ELV / DALI / DMX |
| Operating Temperature | -40° F to 158° F (-40° C to 70° C) |
| Colors | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20) |
| CRI | 90+ CRI (Static white only) |
| Lamp Life | L70 at 50,000 Hours |
| MacAdam Ellipses (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 Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant |

ACCESSORIES

Profile Assistant (Part # CHAS20GLEDMNT)

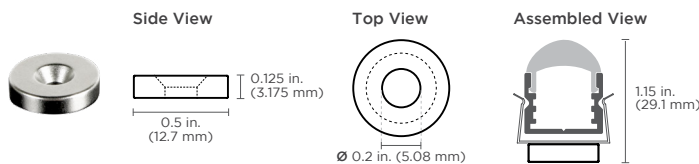


Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.88 in. (47.8 mm)

Magnetic Mount (Part #: CHMAGO.5)



Features:

- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

Applications:

- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

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STEP 1 Complete Channel Part Number

| CHANNEL | LENS | HOUSING COLOR | |
|-------------------------|-----------------|-----------------------------------|------------|
| CHAS20G | G | | |
| CHAS20G - AS20G Channel | G - Grazer Lens | SV - Silver (default) | WH - White |
| | | BK - Black | |
| | | Consult factory for custom colors | |

STEP 2 Complete RibbonLyte Part Number

| CATEGORY | CRI | RIBBON TYPE & IP RATING | |
|-----------------|---|---|--|
| RB | | | |
| RB - RibbonLyte | 0 - Static Color, Color Changing 90 - 90+ CRI Static White | LINEA20 - Linea RibbonLyte IP20 SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 | VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 |

NOTE: To ensure waterproofing standards are met, IP65 can NOT be cut in the field.

WATTAGE

- 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
- 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
- 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
- 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
- 2.4 - 2.4 W/ft (8 W/m - Static White)
- 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
- 4.3 - 4.3 W/ft (14 W/m - Static White)
- 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)
- 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
- 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
- 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)
- 6.1 - 6.1 W/ft (20 W/m - Variable White)

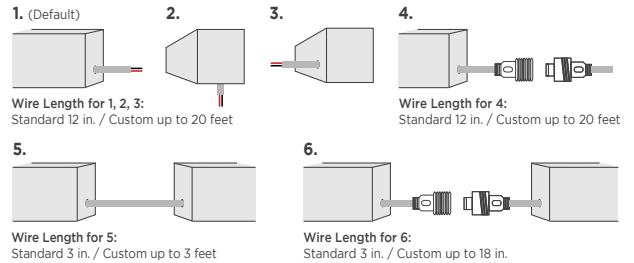
COLOR

- 18 - 1800K R - Red
- 20 - 2000K A - Amber
- 22 - 2200K G - Green
- 24 - 2400K B - Blue
- 27 - 2700K VW - Variable White
- 30 - 3000K 2920 - Warm Dim 2900K - 2000K (IP20)
- 35 - 3500K 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
- 40 - 4000K Z - Undecided**
- 60 - 6000K ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- 1 - End Feed Bare Wire Connection
- 2 - Back Feed Bare Wire Connection
- 3 - Side Feed Bare Wire Connection
- 4 - End Feed with IP67 Male Coupler
- 5 - Soldered Daisy Chain
- 6 - Daisy Chain With IP67 Couplers

Custom Length (ft.)



STEP 3 Complete Assembly Option & Length

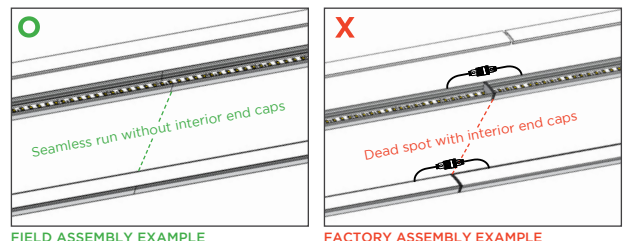
ASSEMBLY OPTION **LENGTH** (Standard factory assembled length up to 6 ft 6.7 in. / 2 m)

- FI - Field Assembly
- FA - Factory Assembly* (not recommended for exterior applications)

* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

DO NOT BUTT END CAPS AGAINST EACH OTHER WHEN CREATING LONGER FIXTURES

Acolyte STRONGLY SUGGESTS field assembly (without using interior end caps) for direct-view fixtures of more than 6 ft 6.7 in. (2 m) in length. Field assembly without interior end caps will eliminate gaps or dead spots that can be caused by butting interior end caps against each other.



STEP 4 Add Accessories

ACCESSORIES

- TILTSTANDST - Tiltable Stand
- CHMAG0.5 - Magnetic Mount
- CHAS20GLEDMNT - Profile Assistant

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Grazer Lens | Max Length | Compatible with Channel | | |
|-------------------------------|----------------------|----------------------------|-------------|-------------------|-----------------------------------|--|-------------------------|------|------|
| | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 42.8 lm/ft (140.5 lm/m) | IP20: 49 ft (15 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | 2000K | 99 | 50.5 lm/ft (165.6 lm/m) | | | | |
| | | | 2200K | 109 | 55.6 lm/ft (182.3 lm/m) | | | | |
| | | | 2400K | 113 | 57.6 lm/ft (189 lm/m) | | | | |
| | | | 2700K | 123 | 62.7 lm/ft (205.8 lm/m) | | | | |
| | | | 3000K | 123 | 62.7 lm/ft (205.8 lm/m) | | | | |
| | | | 3500K | 130 | 66.3 lm/ft (217.5 lm/m) | | | | |
| | | | 4000K | 134 | 68.3 lm/ft (224.2 lm/m) | | | | |
| | | | 6000K | 131 | 66.8 lm/ft (219.1 lm/m) | | | | |
| 1.5 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 85.7 lm/ft (281 lm/m) | IP20: 49 ft (15 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | 2000K | 98 | 100 lm/ft (327.9 lm/m) | | | | |
| | | | 2200K | 109 | 111.2 lm/ft (364.7 lm/m) | | | | |
| | | | 2400K | 113 | 115.3 lm/ft (378.1 lm/m) | | | | |
| | | | 2700K | 123 | 125.5 lm/ft (411.5 lm/m) | | | | |
| | | | 3000K | 123 | 125.5 lm/ft (411.5 lm/m) | | | | |
| | | | 3500K | 129 | 131.6 lm/ft (431.6 lm/m) | | | | |
| | | | 4000K | 134 | 136.7 lm/ft (448.3 lm/m) | | | | |
| | | | 6000K | 131 | 133.6 lm/ft (438.3 lm/m) | | | | |
| 2.2 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 83 | 124.2 lm/ft (407.3 lm/m) | IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | 2000K | 96 | 143.6 lm/ft (471.1 lm/m) | | | | |
| | | | 2200K | 106 | 158.6 lm/ft (520.1 lm/m) | | | | |
| | | | 2400K | 111 | 166.1 lm/ft (544.7 lm/m) | | | | |
| | | | 2700K | 120 | 179.5 lm/ft (588.8 lm/m) | | | | |
| | | | 3000K | 122 | 182.5 lm/ft (598.6 lm/m) | | | | |
| | | | 3500K | 127 | 190 lm/ft (623.2 lm/m) | | | | |
| | | | 4000K | 133 | 199 lm/ft (652.6 lm/m) | | | | |
| | | | 6000K | 128 | 191.5 lm/ft (628.1 lm/m) | | | | |
| 3.0 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 2400K | 110 | 224.4 lm/ft (736 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | |
| | | | 2700K | 123 | 250.9 lm/ft (823 lm/m) | | | | |
| | | | 3000K | 130 | 265.2 lm/ft (870 lm/m) | | | | |
| | | | 3500K | 133 | 271.3 lm/ft (890 lm/m) | | | | |
| | | | 4000K | 133 | 271.3 lm/ft (890 lm/m) | | | | |
| | | | 6000K | 127 | 259.1 lm/ft (849.8 lm/m) | | | | |
| 4.4 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 2400K | 109 | 326.1 lm/ft (1069.7 lm/m) | 29 ft (8.8 m) | ✓ | ✓ | |
| | | | 2700K | 122 | 365 lm/ft (1197.3 lm/m) | | | | |
| | | | 3000K | 129 | 386 lm/ft (1266 lm/m) | | | | |
| | | | 3500K | 132 | 394.9 lm/ft (1295.4 lm/m) | | | | |
| | | | 4000K | 132 | 394.9 lm/ft (1295.4 lm/m) | | | | |
| | | | 6000K | 126 | 377 lm/ft (1236.5 lm/m) | | | | |
| 5.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K | 110 | 374 lm/ft (1226.7 lm/m) | 30 ft (9.14 m) | ✓ | ✓ | |
| | | | 2700K | 123 | 418.2 lm/ft (1371.7 lm/m) | | | | |
| | | | 3000K | 130 | 442 lm/ft (1449.8 lm/m) | | | | |
| | | | 3500K | 133 | 452.2 lm/ft (1483.2 lm/m) | | | | |
| | | | 4000K | 133 | 452.2 lm/ft (1483.2 lm/m) | | | | |
| | | | 6000K | 127 | 431.8 lm/ft (1416.3 lm/m) | | | | |
| 6.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K | 109 | 444.7 lm/ft (1458.7 lm/m) | 28 ft (8.5 m) | ✓ | ✓ | |
| | | | 2700K | 122 | 497.8 lm/ft (1632.7 lm/m) | | | | |
| | | | 3000K | 129 | 526.3 lm/ft (1726.3 lm/m) | | | | |
| | | | 3500K | 132 | 538.6 lm/ft (1766.5 lm/m) | | | | |
| | | | 4000K | 132 | 538.6 lm/ft (1766.5 lm/m) | | | | |
| | | | 6000K | 126 | 514.1 lm/ft (1686.2 lm/m) | | | | |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Grazer Lens | Max Length | Compatible with Channel | | |
|--------------------------------|----------------------|-----------------------------|---------------|-------------------|-----------------------------------|--|-------------------------|------|------|
| | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 41 | 26 lm/ft (86 lm/m) | IP20: 49 ft (15 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | Green | 175 | 112 lm/ft (366 lm/m) | | | | |
| | | | Blue | 19 | 12 lm/ft (40 lm/m) | | | | |
| | | | Amber | 34 | 22 lm/ft (71 lm/m) | | | | |
| 1.5 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 54 lm/ft (176 lm/m) | IP20: 49 ft (15 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | Green | 160 | 204 lm/ft (669 lm/m) | | | | |
| | | | Blue | 18 | 23 lm/ft (75 lm/m) | | | | |
| | | | Amber | 34 | 43 lm/ft (142 lm/m) | | | | |
| 2.2 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 79 lm/ft (258 lm/m) | IP20: 42 ft (12.8 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | Green | 145 | 271 lm/ft (889 lm/m) | | | | |
| | | | Blue | 18 | 34 lm/ft (110 lm/m) | | | | |
| | | | Amber | 33 | 62 lm/ft (202 lm/m) | | | | |
| 3.0 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 40 | 81.6 lm/ft (267.6 lm/m) | IP20: 36 ft (11 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | Green | 127 | 259.1 lm/ft (849.8 lm/m) | | | | |
| | | | Blue | 25 | 51 lm/ft (167.3 lm/m) | | | | |
| | | | Amber | 29 | 59.2 lm/ft (194 lm/m) | | | | |
| 4.4 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 38 | 113.7 lm/ft (372.9 lm/m) | 28 ft 4 in. (8.64 m) | ✓ | ✓ | |
| | | | Green | 117 | 350.1 lm/ft (1148.2 lm/m) | | | | |
| | | | Blue | 24 | 71.8 lm/ft (235.5 lm/m) | | | | |
| | | | Amber | 25 | 74.8 lm/ft (245.3 lm/m) | | | | |
| 5.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 125.8 lm/ft (412.6 lm/m) | IP20: 33 ft 4 in. (10.1 m) IP65: 32.8 ft (10 m) | ✓ | ✓ | |
| | | | Green | 116 | 394.4 lm/ft (1293.6 lm/m) | | | | |
| | | | Blue | 24 | 81.6 lm/ft (267.6 lm/m) | | | | |
| | | | Amber | 26 | 88.4 lm/ft (290 lm/m) | | | | |
| 6.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 151 lm/ft (495.1 lm/m) | 28 ft (8.5 m) | ✓ | ✓ | |
| | | | Green | 113 | 461 lm/ft (1512.2 lm/m) | | | | |
| | | | Blue | 23 | 93.8 lm/ft (307.8 lm/m) | | | | |
| | | | Amber | 24 | 97.9 lm/ft (321.2 lm/m) | | | | |
| 2.4 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 67 | 144.9 lm/ft (475.2 lm/m) | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 71 | 153 lm/ft (503.1 lm/m) | | | | |
| | | | 3500K | 83 | 179.1 lm/ft (588.6 lm/m) | | | | |
| | | | 4000K | 83 | 179.1 lm/ft (588.6 lm/m) | | | | |
| 3.0 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 66 | 178.2 lm/ft (585 lm/m) | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 73 | 197.1 lm/ft (647.1 lm/m) | | | | |
| | | | 3500K | 78 | 210.6 lm/ft (691.2 lm/m) | | | | |
| | | | 4000K | 83 | 224.1 lm/ft (735.3 lm/m) | | | | |
| 4.3 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 75 | 290.7 lm/ft (952.2 lm/m) | 24.6 ft (7.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 78 | 301.5 lm/ft (990 lm/m) | | | | |
| | | | 3500K | 86 | 333 lm/ft (1092.6 lm/m) | | | | |
| | | | 4000K | 86 | 333 lm/ft (1092.6 lm/m) | | | | |
| 6.1 Variable White Linea | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K | 95 | 522 lm/ft (1712.7 lm/m) | 16.4 ft (5 m) | ✓ | N/A | N/A |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 85 | 57.8 lm/ft (189.6 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | |
| 3.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 80 | 163.2 lm/ft (535.3 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | |
| 6.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 75 | 306 lm/ft (1003.7 lm/m) | 19 ft 8 in. (6 m) | ✓ | ✓ | |
| 5.2 Warm Dim | 3.94 in. (100 mm) | 36 LEDs/ft (120 LEDs/m) | WARM DIM | 55 | 194.5 lm/ft (637.9 lm/m) | 16 ft 4 in. (5 m) | ✓ | ✓ | |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS ELV & MLV DRIVERS DIMMABLE DALI DRIVERS



30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP65, dry/damp location
UL Listed



240W, 320W Non-Dimming Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 VDC
Input Voltage: 90-305 VAC
IP65, dry/damp location
UL Recognized



60W, 96W Non-Dimming Compact Drivers

Part No.:
• DRV2460C (60 Watt)
• DRV2496C (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
UL Class P



60W, 96W, 150W, 300W ELV/MLV Dimmable Drivers

Part No.:
• DRVW2460ELVMLV (60 Watt)
• DRVW2496ELVMLV (96 Watt)
• DRVW24150ELVMLV (150 Watt)
• DRVW24300ELVMLV (300 Watt)
Line Voltage Dimmable Drivers
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
IP67, damp/wet location
UL, CE, and CSA Listed



100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers

Part No.:
• DRV100DALI1CH (100W 1 channel)
• DRV100DALI2CH (100W 2 channel)
• DRV150DALI4CH (150W 4 channel)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
CE, UL Recognized, FCC, RoHS, SELV

0-10V DRIVERS ATHENA WIRELESS COMPATIBLE DIMMABLE DALI-2 DRIVERS



0-10V Dimmable Waterproof Drivers

• Part No.: DRVW249610P (96 Watt)
• Part No.: DRVW2428810P (288 Watt)
Output Voltage: 24 VDC (+/- 0.5 V)
Input Voltage: 100-277 VAC
UL wet location
UL Listed



0-10V Dimmable 90W VW/WD Driver

• Part No.: DRVRFWDVW2490120
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
IP23, dry/damp location
UL Listed



94W Athena Wireless Compatible Drivers

• Part No.: DRVW2494ATH1CH (1 channel)
• Part No.: DRVW2494ATH2CH (2 channel)
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
Dry location
UL Listed



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

• Part No.: DRVW2496DALI1CH (1 channel)
• Part No.: DRVW2496DALI2CH (2 channel)
Output Voltage: 24-26 VDC
Input Voltage: 120-277 VAC
IP67, wet location
UL Listed

DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES



GLASS TOUCH WALL CONTROLLERS
Part No.: AWCRGBWWBK
AWCVWBK



1 ZONE WALL CONTROLLER
Part No.: DMXCTRLG



5 ZONE WALL CONTROLLER
Part No.: DMXCTRL



10 ZONE WALL CONTROLLER
Part No.: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR2U
6 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR6U



VARIABLE WHITE DIMMER
Part No.: RFDIMVWH (White)
RFDIMWBK (Black)



WARM DIM DIMMER
Part No.: RFDIMWDWH (White)
RFDIMWDBK (Black)



4 CHANNEL WATERPROOF DMX INTERFACE
Part No.: DMXINFWLCD4



5 CHANNEL DMX INTERFACE
Part No.: DMXINFOLED5



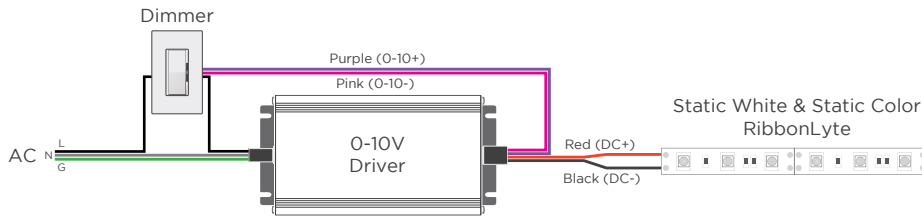
DMX OPTO SPLITTER
Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

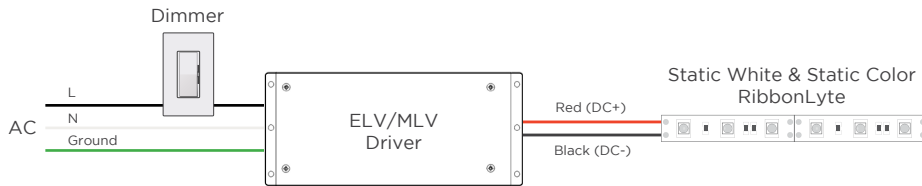
| Wattages | 30 | | 60 | | 96 | | 150 | | 200 | | 240 | | 300 | | 320 | |
|-------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | 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 - STATIC WHITE / STATIC COLOR / RGBW / RGBA / RGBWW

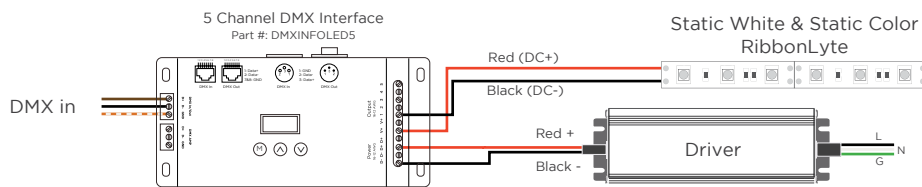
0-10 V



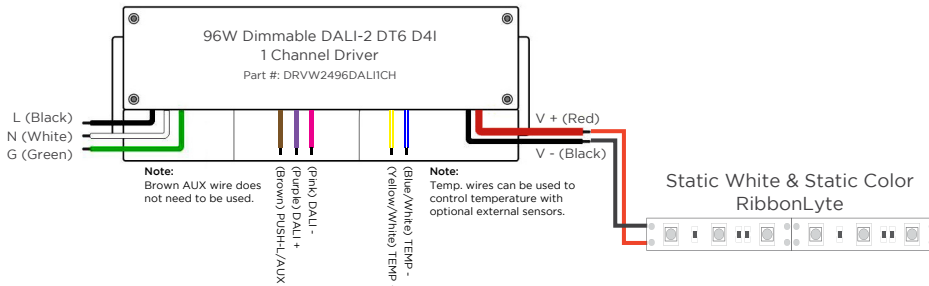
MLV / ELV



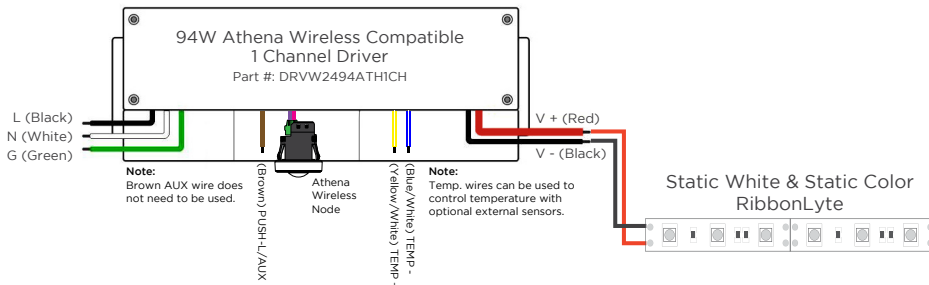
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



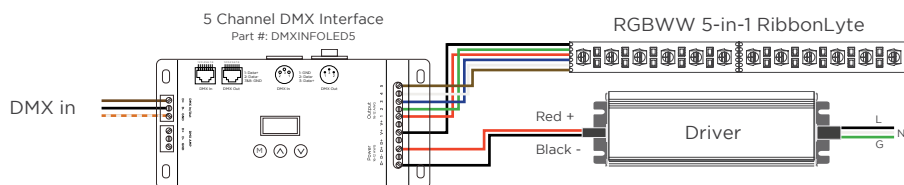
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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



DMX WITH RGBWW 5-IN-1 RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

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

RGBW + RGBA

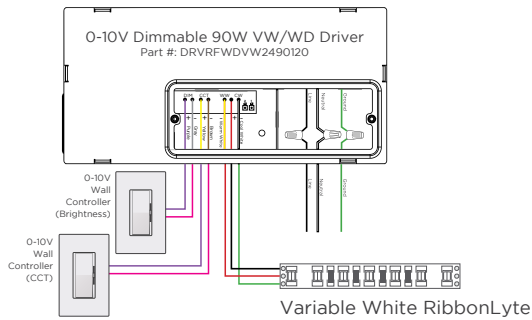
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

Black (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WIRING DIAGRAMS - VARIABLE WHITE

2-CHANNEL VARIABLE WHITE DIMMING

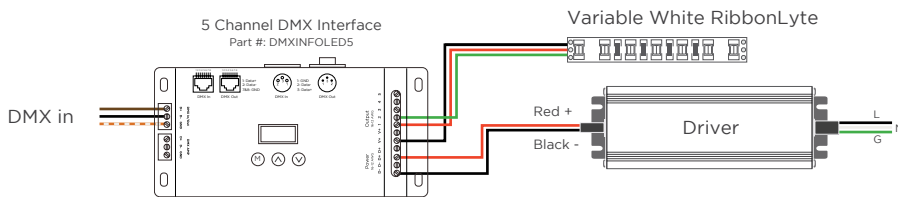


WIRE COLORS PER RIBBONLYTE COLOR

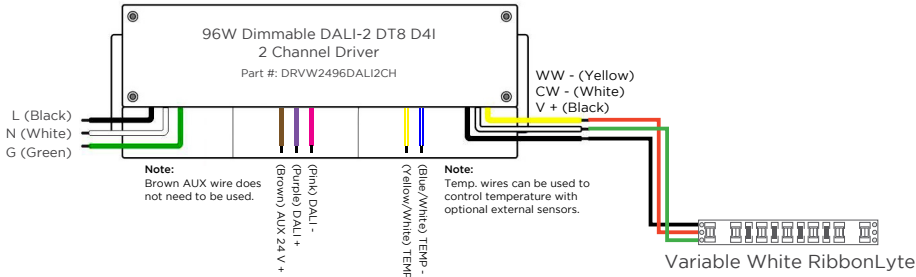
VARIABLE WHITE

Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

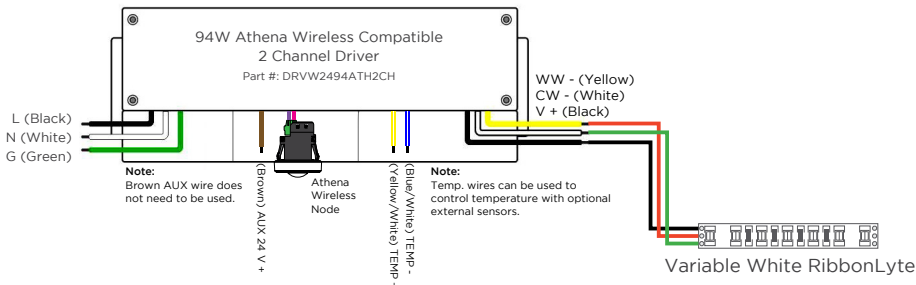
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.08NOV2024

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