

WARM DIM 5.2 RIBBONLYTE

Warm Dim RibbonLyte uses dual chip LEDs to gradually dim from 2900K at full brightness to 2000K before switching off - just like an incandescent lamp! A 0-10V dimmer or dimming system, a 24V driver, Warm Dim Module, and Warm Dim RibbonLyte is all you need.

Excellent color mixing, tight LED spacing, and a smooth dimming gradient make Warm Dim RibbonLyte a great replacement for incandescent lighting.

- Use with our channel profiles to create a custom fixture
- 0-10V dimmable
- 2-in-1 dual chip 3527 LEDs
(IP20: 2900K + 2000K, IP65/IP68: 2700K + 2100K)
- 5.2 W/ft (17 W/m)
- 24 Volt input
- 36 LEDs/ft (120 LEDs/m)
- Cuttable every 3.94 in (100 mm)
- Warm Dim Module required



Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	



RoHS IP20 IP65 IP68

ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage + Color
RB	0		
RB - RibbonLyte	0 - Color Changing	WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68	5.22920 - 5.2 W/ft 2900K-2000K 5.22721 - 5.2 W/ft 2700K-2100K

CONNECTION OPTIONS

1. End Feed Bare Wire Connection (Default Option)



2. IP67 Connector Input



3. Soldered Daisy Chain



4. Daisy Chain with IP67 Connectors



5. Bare Wire on Both Ends



Standard cable length if not specified:

1. 12 in. cable with bare wire (custom length up to 20 feet)
2. Standard 12 in. cable with IP67 connectors (custom length up to 10 feet)
3. Daisy chain with 3 in. cable between runs (custom length up to 36 in.)
4. 3 in. cable between IP67 connector and RibbonLyte (custom length up to 18 in.)
5. Standard 12 in. cable with bare wire (custom length up to 10 feet)

Note: IP67 connectors are used for both IP20 and IP65/IP68 RibbonLyte

AVAILABLE COLOR TEMPERATURES



WD

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

WARM DIM 5.2 RIBBONLYTE	
Operating Voltage	24 V
Power Consumption	5.2 W/ft (17 W/m)
Current (mA) - 24V	217 mA/ft (711 mA/m)
LED Pitch	36 LEDs/ft (120 LEDs/m)
Protection Rating	IP20, IP65, IP68
Dimming	0-10V
Operating Temperature	-40° C to 70° C
Color Temperatures	2900K/2000K (IP20), 2700/2100 (IP65/IP68)
MacAdam's Ellipses (SDCM)	3-step binning
Lumens	288 lm/ft (945 lm/m) LEDs at 100%
Binning Tolerance	+/- 150K
LED Beam Angle	120°
Lamp Life	50,000 Hours
Cutttable Length - 24V	3.94 in (100 mm)
CRI	80+
Max Length*	16.4 ft (5 m)
Lumens/Watt	55 lm/W
Cable Length	12 in (30.5 cm)
Certifications	ETL 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, UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires
Constant Voltage	✓
Percent Light Intensity / CCT	100% Brightness 75% Brightness 50% Brightness 25% Brightness 1% Brightness
CCT for IP20	2900K 2700K 2450K 2225K 2000K
CCT for IP65/IP68	2700K 2550K 2400K 2250K 2100K

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	CUTTABLE EVERY: 3.94 in (100 mm)		Width 0.39 in (10 mm) Max Length* 16.4 ft (5 m) Height 0.09 in (2.3 mm)
IP65	CUTTABLE EVERY: 3.94 in (100 mm)		Width 0.39 in (10 mm) Max Length* 16.4 ft (5 m) Height 0.125 in (3.2 mm)
IP68	CUTTABLE EVERY: 3.94 in (100 mm)		Width 0.52 in (13.2 mm) Max Length* 16.4 ft (5 m) Height 0.19 in (4.8 mm)

*Max length before additional power is introduced
Maximum run length for IP68 waterproof RibbonLyte is 5 m (16.4 ft). For single runs longer than 5 m, RibbonLyte will be daisy chained.

USAGE GUIDELINES

- IP65 and IP68 RibbonLyte are not field cuttable. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of this on the field or by end user will result in a voided warranty.
- When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70° C / 158° F maximum that our product is rated for. High risk locations like this should be avoided.
- Our IP65 can be used in wet, outdoor locations around swimming pools and spa tubs, but our products are not intended to be submerged in pools and fountains and do not carry UL676 certification to do so.
- Please refer to our RibbonLyte Proper Use Guide in our *Application Guide* for more information. Available for download at www.GENLEDBrands.com/Acolyte.
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with GENLED Acolyte[®] drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-GENLED Acolyte[®] supplied Triac, MLV or ELV drivers is not supported or warranted.
- Due to the nature of the product, RibbonLyte cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, RibbonLyte is factory cut at the shorter cuttable point.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

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DIMMER COMPATABILITY

LUTRON 0-10V DIMMERS 5.2

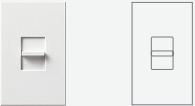
DIVA



Acolyte Part Number:
LVDIMDIVA-WHITE

Lutron Part Number:
DVSTV-WH

NOVA T



Acolyte Part Number:
LVDIMNOVA-WHITE

Lutron Part Number:
NTSTV-DV-WH

WARM DIMMING MODULE 5.2

RBWD



Acolyte Part Number:
RBWDMODULE

1 dimming module required per 30 ft (9.1 m)
DIMENSIONS: 3.85" x 1.7" x 0.7"

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL	IP20 IP65	IP68	SURFACE MOUNTED CHANNELS																
			LENS OPTIONS: C - Clear F - Frosted K - Black M - Milky NP - Narrow Prismatic WP - Wide Prismatic RM - Round Milky SM - Square Milky																
AC1	✓	✓																	
AC2	✓	✓																	
AC3	✓																		
AC4	✓	✓																	
AC5	✓	✓																	
AC14	✓																		
AP1	✓	✓	AC1 C, F, M	AC2 C, F, M	AC3 C, F, M	AC4 C, F, M	AC5 C, F, M	AC14 SM	AP1 C, K, M, SM	AS1 C, F, M									
AR1	✓																		
AR2	✓																		
AR3	✓	✓																	
AR5																			
AR8																			
AR10	✓		AS2 C, F, M	AS3 C, F, M	AS6 C, F, M	AS10 C, M	AS12 RM	AS13 RM, SM	AS14 SM	AS16 C, K, M									
AR14	✓																		
AR16	✓	✓																	
AR20	✓	✓																	
AR23	✓																		
AR25	✓	✓																	
AR30	✓	✓	AS20G G	AS23 C, K, M, SM	AS28 M, NP, WP	AS30 M, RM, SM	AS53 M, NP, WP	AT4 C, F, M	AT5 C, F, M	AT11 C, F, M									
AR33	✓	✓																	
AS1	✓																		
AS2	✓																		
AS3	✓	✓																	
AS6	✓	✓																	
AS10	✓		AW10 C, K, M	AW12 C, K, M, RM	AW14 C, K, M	AW35 C, F, M	AW38 M, RM, SM	AW38 C, F, M	B1 C, F, M	B2 RM									
AS12	✓	✓																	
AS13	✓	✓																	
AS14	✓																		
AS16	✓	✓																	
AS20G	✓																		
AS23	✓	✓	C22 C, F, M	GL2 C, F, M	ROUND C, F, M	ROUND12 C, K, M	ROUND20 C, K, M	ST10 C, F, M	WH35 C, F, M										
AS28	✓	✓																	
AS30	✓	✓																	
AS53	✓	✓																	
AT4	✓	✓																	
AT5	✓	✓																	
AT11	✓																		
AW10	✓																		
AW12	✓																		
AW14	✓	✓																	
AW35	✓	✓																	
AW38	✓	✓																	
AW40	✓		AR1 C, F, M	AR2 C, F, M	AR3 C, F, M	AR10 C, M	AR14 SM	AR16 C, K, M	AR20 C, K, M, SM	AR23 C, K, M									
B1	✓																		
B2	✓																		
C22	✓	✓																	
GL1	✓	✓																	
GL2	✓	✓																	
ROUND	✓	✓	AR25 M, RM, SM	AR30 M, RM, SM	AR33 M, NP, WP	GL1 C, F, M	SC1 M	SC2 M	SC3 M	SC4 M, RM, SM									
ROUND12	✓																		
ROUND20	✓	✓																	
SC1	✓	✓																	
SC2	✓	✓																	
SC3	✓																		
SC4	✓	✓	SC5 M, RM, SM	SC6 C, K, M, SM	SC-CORNER1 M	SC-CORNER2 M	W31 C, F, M												
SC5	✓	✓																	
SC6	✓	✓																	
SC-CORNER1	✓																		
SC-CORNER2	✓																		
ST10	✓																		
W31	✓	✓																	
WH35	✓	✓																	

DISCLAIMER

When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70°C/158°F maximum that our product is rated for. High risk locations like this should be avoided. Our IP68 product is not intended to be submerged in pools and fountains and does not carry UL676 certification to do so.

WIRING DIAGRAMS

WARM DIM

