



Date \_\_\_\_\_ Project \_\_\_\_\_

Notes \_\_\_\_\_

### 230 V STATIC WHITE DIRECT AC RIBBONLYTE

Static White Direct AC RibbonLyte extends up to 50 m on a single run using Direct AC power. That means no drivers needed! Direct AC RibbonLyte is perfect for long coves and other large spaces. It is factory cuttable every 166 mm.

- Directly input 220-240 VAC
- Max run length: 50 m
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
- Factory cuttable every 166 mm
- 90+ CRI
- Sold with AC plug or bare wire input
- Mounting clips included (6 mounting clips per meter)
- Mounting channel or aluminum channel with lens available

#### Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	

**CE** **RoHS** **IP65**



### ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage + Color	
<b>RB</b>	<b>90</b>	<b>AC23065</b>		
RB - RibbonLyte	90 - 90+ CRI Static White	AC23065 - Direct AC 230V IP65	4.024 - 4.0 2400K	4.040 - 4.0 4000K
			4.027 - 4.0 2700K	4.050 - 4.0 5000K
			4.030 - 4.0 3000K	4.060 - 4.0 6000K
			4.035 - 4.0 3500K	

#### Connection Options:

- 2 meter cable to bare wire
- 2 meter cable to AC plug
- 8 meter cable to bare wire
- 6 cm jumper cable
- 30 cm jumper cable
- 4 meter jumper cable

#### Included Accessories:

Mounting Clip (6 clips per meter)

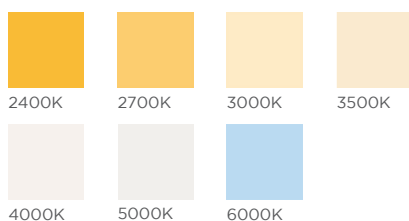
#### Optional Accessories:

**Mounting Channel**  
(Part No.: CHDACPSWSC) See page 2 for details

**Aluminum Channel with Flat Milky Lens**  
(Part No.: CHDACSVL) See page 2 for details

**Waterproof Cable Connector**  
(Part No.: COUPW683WH) See page 4 for instruction

### AVAILABLE COLOR TEMPERATURES



SPECIFICATIONS / DIMENSIONS / DIAGRAMS

Input Voltage	220-240 VAC
Power Consumption	14 W/m
Protection Rating	IP65
Ambient Temperature	-20° C - 45° C
Color Temperature	2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
Total Lumens	1000-1300 lm/m
LEDs/m	72/m
LED Beam Angle	120°
CRI	90+ CRI
Lumens per Watt	83 - 100 lm/w
Maximum Run Length	50 m
Cutable Length	Every 166 mm Please account for the 20±5 mm RibbonLyte inside of the power feed cap and end cap when calculating the total run length. (Each run contains a total of 40±10 mm in the end caps) See next page for details.
Cable Lengths	2 meter cable to bare wire; 2 meter cable to AC plug; 8 meter cable to bare wire; 6 cm jumper cable; 30 cm jumper cable; 4 meter jumper cable
Certifications	CE
Max Operating Temperature	45° C
Lamp Life	L70 > 36,000 hours at 55° C

	DIRECT AC RIBBONLYTE	MOUNTING CLIP (includes 6 clips per meter)
		
Width	15.5 mm (end cap and cable grip width: 20 mm)	20.32 mm
Length	50 m max run length. Factory cuttable every 166 mm.	10.92 mm
Height	6.0 mm	12.19 mm

Dimensions	ALUMINUM CHANNEL WITH FLAT MILKY LENS (Part No.: CHDACSVM)	ALUMINUM CHANNEL WITH SQUARE LENS (Part No.: CHDACSVM)
	<p>Aluminum Channel with Flat Milky Lens</p>  <p>Aluminum Channel with Square Milky Lens</p>  <p>Please account for the exposed end caps in both ends of the channel. (See dimensions on next page)</p>	
Width	20.1 mm	20.1 mm
Length	Max length 2.44 m	Max length 2.44 m
Height	18.5 mm	31.2 mm

**SPECIFICATIONS**

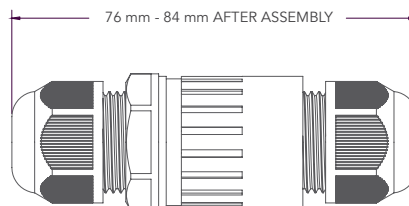
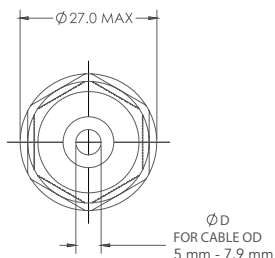
Power Feed Cap & End Cap Dimensions	<p><b>Top View</b></p> <p><b>Side View</b></p> <p>Width of End Cap: 19 mm Length of End Cap: 27 mm Height of End Cap: 10 mm</p> <p>Height of RibbonLyte: 5.3 mm Width of Power Feed Cap: 19 mm Length of Power Feed Cap: 53 mm Height of Power Feed Cap: 13 mm</p>
Power Feed Options	<p><b>Power Feed Option 1</b></p> <p>2 meter cable to bare wire Cable length: 2 m</p> <p><b>Power Feed Option 2</b></p> <p>2 meter cable to AC plug Cable length: 2 m</p> <p><b>Power Feed Option 3</b></p> <p>8 meter cable to bare wire Cable length: 8 m</p>
Jumper Cable Options	<p><b>Jumper Cable Option 1</b></p> <p>6 cm jumper cable (for daisy chains) Jumper cable length: 6 cm</p> <p><b>Jumper Cable Option 2</b></p> <p>30 cm jumper cable (for daisy chains) Jumper cable length: 30 cm</p> <p><b>Jumper Cable Option 3</b></p> <p>4 meter jumper cable (for daisy chains) Jumper cable length: 4 m</p>

## Static White Direct AC Waterproof Cable Connector

We provide 2m and 8m power feed solutions. If additional length is needed use the cable coupler.

Part No. : COUPW683WH

Dimensions ( Part Number: COUPW683WH)

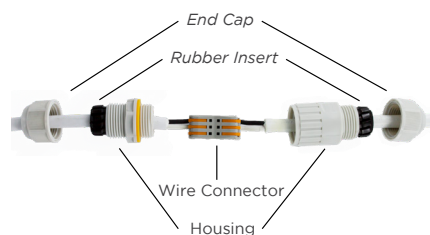


### The Connector



Length: 75.96 mm - 84.07 mm After Assembly  
Diameter: 26.92 mm MAX

### Exploded View of the Connector



### Step 1



Assemble cable from one end of the connector as shown above.

### Step 2



Assemble cable from another end of the connector as shown above. Make sure the wires go to their corresponding terminals (e.g. wire color matches to each other).

### Step 3



Tighten two housings together and insert the rubber parts at the housing ends.

### Step 4



Tighten two end caps.

### USAGE GUIDELINES:

- IP65 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 exceed the 45° C maximum that our product is rated for. High-risk locations like this should be avoided. Avoid direct sunlight.
- This product is 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](http://www.GENLEDBrands.com/Acolyte)
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with Acolyte drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-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.