

# PERFECT FIT™

LED RIBBON by Northwest LED



**Professional quality, energy efficient ribbon light available in multiple color and brightness options to meet your lighting needs.**

Our LED ribbon is dimmable, low voltage lighting that is thin and flexible, making it suitable for use in areas with minimal clearance, curved areas and more!

All ribbon comes with these standard features:

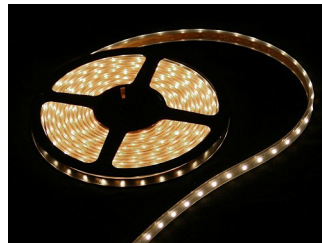
- ▶ Color Rendering Index (CRI) 93 or above.
- ▶ 3M Adhesive backing adheres to most surfaces.
- ▶ Standard 16.4 foot long rolls with leads on both ends. May be cut to length.
- ▶ UL Certified-Conforms to UL Standard 2108.
- ▶ Dimmable (when powered with an approved dimmable driver).
- ▶ Wet options (IP 65, IP67) available for most models.

LED Color Temperature Options	
2400k	Very Warm White (MB only)
2700k	Incandescent White
3000k	Halogen White
3500k	Architectural White
4000k	Natural White
5000k	Clinic White
2700k - 1800k	Warm Dim-warms as dims
6500k - 1800k	Tunable White-adjust white
RGB / RGB+W	Color Adjustable-adjust color



**COB (CB) style ribbon features:**

- ▶ Continuous light output with no individual diode imaging visible.
- ▶ Cut anywhere technology enables even lighting all the way to the edge of your project.



**Traditional ribbon models feature:**

- ▶ The widest variety of color, brightness and wet rated options.
- ▶ Budget friendly options for price sensitive projects.
- ▶ Includes all models except COB (CB).

Brightness Options	Voltage DC	Watts/ Ft.	LEDs/ Ft.	Lumen/ Ft.
Soft (SO)	12	1.5	18	130
Medium Bright (MB)	12/24	2.9	36	260
Bright (BR)	12	4	18	350
Extra Bright (XB)	12/24	4.4	36	400
COB (CB)	24	4.6	N/A	521
Ultra Bright (UB)	24	5.5	39	763
Dual Bright (DB)	24	5.9	72	700
Warm Dim (WD)	24	3.9	68	275
Tunable White (TW)	24	4.4	36	315
Tunable White (TW)	24	6.1	60	569
RGB	12	4.4	18	N/A
RGB + White	24	5.1	18	180



**Custom Ribbon Products**

- ▶ Custom length ribbon pieces with leads added.
- ▶ Wet rated ribbon pieces made to your custom length.
- ▶ Custom lead lengths and interconnected segments.

When ordering, please include: Model number, brightness, color temperature and IP rating (if other than IP 20.)

**Example part numbers**

LinR12-SO-27k = LED Ribbon, 12VDC, Soft output, 2700k color temperature

LinR24-DB-27k-IP67 = LED Ribbon, 24VDC, Dual Bright output, 2700k color temperature, Wet Rated IP67

Output/ Model Name	Model # 12 =12V 24=24V	Color Temp.	Lumens/ Ft. (30k)	Watts/ Ft.	Watts/ Roll	LEDs per roll	Cut Interval	Ribbon Width* IP20	Wet Rating		Typical Uses
									IP65	IP67	
1.45 Watt/ft. <b>Soft</b> 12 VDC (only)	<b>LinR12-SO</b>	27k 30k 35k 40k 50k	130	1.45	24	300	2"	8 mm	Y Y SP Y SP	Y Y SP SP	Toe kick, cove lighting, small cabinets. Best when installed out of direct view.
2.9 Watt/ft. <b>Med Bright</b> 12 VDC	<b>LinR12-MB</b>	24k 27k 30k 35k 40k 50k	260	2.9	48	600	1"	10 mm	SP Y Y SP SP SP	SP Y Y SP SP SP	Task and accent lighting where close LED spacing is desired
2.9 Watt/ft. <b>Med Bright</b> 24 VDC	<b>LinR24-MB</b>	27k 30k	260	2.9	48	600	2"	10 mm	SP SP	Y** Y**	** Only Available in 10M Rolls
4.0 Watt/ft. <b>Bright</b> 12 VDC (only)	<b>LinR12-BR</b>	27k 30k 35k 40k 50k	350	4	65	300	2"	10 mm	Y Y SP Y SP	SP SP SP SP	Task and accent lighting where more light is desired
4.4 Watt/ft. <b>Extra Bright</b> 12 VDC	<b>LinR12-XB</b>	27k 30k 35k 40k 50k	400	4.4	72	600	1"	10 mm	Y Y SP SP SP	SP SP SP SP SP	Task and accent lighting where more light is desired and closer LED spacing to minimize dots
4.4 Watt/ft. <b>Extra Bright</b> 24 VDC	<b>LinR24-XB</b>	27k 30k 35k 40k	400	4.4	72	600	2"	10 mm	SP Y Y SP	SP SP SP SP	Task and accent lighting where more light is desired and closer LED spacing to minimize dots
4.6 Watt/ft. <b>COB</b> 24 VDC (only)	<b>LinR24-CB</b>	27k 30k 40k	521	4.6	75	N/A	N/A	8 mm	Y Y Y	N N N	"Dot Free" cut anywhere under cabinet and task lighting
5.5 Watt/ft. <b>Ultra Bright</b> 24 VDC (only)	<b>LinR24-UB</b>	27k 30k 35k 40k 50k	763	5.5	90	640	2.5"	10 mm	N N N N N	N N N N	Highest Light output for single row LED.
5.9 Watt/ft. <b>Dual Bright</b> 24 VDC (only)	<b>LinR24-DB</b>	27k 30k 35k 40k	700	5.9	96	1200	2"	15 mm	N N N N	Y Y SP SP	Area, task and up lighting
3.9 Watt/foot <b>Warm Dim</b> 24 VDC (only)	<b>LinR24-WD</b>	18-27k	Up to 275	3.9	48	1120	2.5"	12 mm	Y	N	Color warms as it dims to mimic incandescent light
4.4 Watt/ft <b>Tunable White</b> 24 VDC (only)	<b>LinR24-TW 4.4</b>	18-65k	315	4.4	72	600	4"	10 mm	N	N	Color temperature adjust- able for exacting installs
6.1 Watt/ft. <b>Tunable White</b> 24 VDC (only)	<b>LinR24-TW 6.1</b>	18-65k	569	6.1	100	980	2.8"	10 mm	N	N	Higher light output Tunable White
4.4Watt/ft. <b>RGB</b> color change 12 VDC (only)	<b>LinR12- RGB</b>	N/A	N/A	4.4	72	300	2"	10 mm	N	Y	Color adjustable for special effect
5.1 Watt/ft. <b>RGB+white</b> 24 VDC (only)	<b>LinR24- RGBW</b>	27k 30k	180	5.1	72	300	4"	12 mm	SP SP	Y Y	Color adjustable + white combo

### Numbering Key & Important Notes

Lumen ratings shown above are for 3000k color temperature.

SP=Special Order: Minimum order and additional lead time applies. Please call for a quote

\* **IP20** (dry rated) specifications for size and output are shown. Orders are assumed to be IP20 unless specified otherwise.

\* **IP65** (wet rated) products have a thin membrane tubing over the led strip which adds minimal bulk/width to the ribbon.

\* **IP67** (wet rated) products have heavier silicone tubing and endcaps that *add approximately 4mm of width* to the ribbon size shown above. Consequently, IP67 products require larger housings/openings than similar IP20 or IP65 products.