

How to configure your tape light system.

Follow these steps to build a complete, code-compliant installation.



Tape Light Product Selector Guide

STEP 1: Choose your environment

INDOOR - IP20 or IP67 ARCTAPE, FLEXTAPE, NEOFLEX	OUTDOOR / WET - IP67 required FLEXTAPE, NEOFLEX, PURELINE
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STEP 2: Choose your color / CCT

STATIC WHITE 2700-5000K Standard Dimming	DIM-TO-WARM 1800-3000K ARCTAPE only	TUNABLE WHITE 2700-6500K Lightcloud Blue Required	RGBW Full color + white Lightcloud Blue required
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STEP 3: Choose your tape family

ARCTAPE Coves, Displays, Accent	FLEXTAPE Hardscapes, Landscapes, Signage	NEOFLEX Architectural, Water Features, Stairs	PURELINE Facades, Planter Edges, Luxury Exteriors
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STEP 4: Choose your control method

TRIAC / ELV Standard dimmer Static / DW tape only	0 - 10V Commercial dimming FLEXTAPE, NEOFLEX, PURELINE	Lightcloud Blue Easy wireless control FLEXTAPE, NEOFLEX
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STEP 5: Choose your mounting

SURFACE CHANNEL TAP12/TAP14/TAP15/TAP16 Heat sink + clean finish	RECESSED TRIMLESS TAP16TL Flush drywall mount	CORNER TAP16C 90° transitions	BRACKETS TB12 / TB16 / TBB16 Flexible placement	ADHESIVE ONLY 3M backing included* No channel needed
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*Note: Select models

STEP 6: Size your driver — 80% load rule

TID-60 Indoor 60W Up to 48W load TRIAC dimming	TID-96 Indoor 96W Up to 76W load TRIAC / 0-10V	TOD-96 Indoor 96W Up to 76W load 5-in-1 dimming	TOD-96x2 Outdoor 192W 2 runs, 1 driver 5-in-1 dimming	TOD-96x3 Outdoor 288W 3 runs, 1 driver 5-in-1 dimming	TND-96 Outdoor 96W Lightcloud Blue ON/OFF only
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STEP 7: Lightcloud Blue — extended RGBW runs (MSU & MSC)

RGBW models using Lightcloud Blue can achieve significantly longer runs than standard tape light through two settings in the free mobile app.

MSU (Minimum Segment Unit) — Groups LED segments together so a single controller covers more tape. Increasing MSU extends the reach of each controller along the run.

MSC (Max Segment Configuration) — Tells the app exactly how much tape is installed. Always set MSC to match your actual installed run length. The longer the run, the higher the value (*max of 120 segments*).

Accessories

Connectors & Power Feed TOJ2 · TPF2 · TIJ2	L-Shape Connectors TOJ2L · TIJ2L	Y-Splitters TPFS3 · TPF55	Surface Channels TAP12 · TAP14 TAP15 · TAP16	Recessed Profile TAP16TL	Corner Channel TAP16C	Mounting Brackets TB12 · TB16 · TBB16	LED Drivers TID · TOD · TND	Junction Boxes TID/B · TND/B

Questions? Contact RAB Technical Support. 888-722-1000 | rablighting.com







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Tape Lighting by RAB

Product	ARCTAPE				FLEXTAPE			
	Standard	High Output	Dim-to-Warm	Tunable White	Standard	High Output	Tunable White	RGBW
Series	Professional Grade				Professional Grade			
When to Use	Indoor				Indoor or Outdoor			
	Under shelf/cabinet, closet • cove, soffit, display • accent, edge, backlighting				Hardscape, landscape • signage, bathrooms sove, soffit, display • accent, edge, backlighting			
Special Selling Feature	Continuous COB glow, no hotspots	High brightness output	Dim-to-Warm dimming	Flexible wireless control	Silicone-jacketed for wet locations	High brightness output	Flexible wireless control	Dynamic color-changing light shows
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K	2700K, 3000K, 3500K, 4000K, 5000K	3000-1800K	2700-6500K	2700K, 3000K, 3500K, 4000K, 5000K	2700K, 3000K, 3500K, 4000K, 5000K	2700-6500K	RGBW + Tunable White (2700-6500K)
CRI	 90 CRI				 90 CRI			
Warranty								
Power (W)	2.5W/ft	4.6W/ft	2.5W/ft	2.5W/ft	2.5W/ft	4.8W/ft	2.5W/ft	Up to 6.1W/ft
Maximum Run*	32'	16'	32'	16'	32'	16'	32'	32'
Light Output (lm)	Up to 238 lm/ft	Up to 423 lm/ft	Up to 188 lm/ft	Up to 260 lm/ft	Up to 275 lm/ft	Up to 518 lm/ft	Up to 240 lm/ft	Up to 250 lm/ft
Tape Voltage (V)	24Vdc				24Vdc			
Driver Voltage (V)	120-277V				120-277V			
Lifespan (hr.)	50,000				50,000			
IP Rating/UL Listing	IP20				IP67			
Drivers & Controllers	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TID-60, TID-96, TID/B, TND-96, TND/B, LCBLV/TW	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TND-96, TND/B, LCBLV/TW	TND-96, TND/B, LCBLVD/RGB
Mounting Channel	TAP12 (39"), TAP16TL (39"), TAP16C (39")	TAP12 (39"), TAP16TL (39"), TAP16C (39")	TAP12 (39"), TAP16TL (39"), TAP16C (39")	TAP12 (39"), TAP16TL (39"), TAP16C (39")	TAP15 (38"), TAP16TL (39"), TAP16C (39")	TAP15 (38"), TAP16TL (39"), TAP16C (39")	TAP15 (38"), TAP16TL (39"), TAP16C (39")	TAP15 (38"), TAP16TL (39")
Connectors	TIJ2, TIJ2L, TIJ2/DW, TIJ2L/DW, TSG	TIJ2, TIJ2L, TSG	TIJ2/DW, TIJ2L/DW, TSG	TPF3, TPFE3, TPFS3, TIJ3, TSC3, TSG	TPF2, TOJ2, TOJ2L, TSC2, TSG	TPF2, TOJ2, TOJ2L, TSC2, TSG	TPF3, TPFE3, TPFS3, TOJ3, TSC3, TSG	TPF5, TPFE5, TPFS5, TOJ5, TSC5, TSG
Dimming	TRIAC/ELV	TRIAC/ELV	TRIAC/ELV	Wireless — Lightcloud Blue	TRIAC/ELV, 0-10V	TRIAC/ELV, 0-10V	Wireless — Lightcloud Blue	
Beam Angle	150°				120°			
Reel Length	16', 32', 100'	16'	16', 32', 100'	16'	16', 32', 100'	16'	16'	16'
Segment Length	2"	2"	2"	1"	2"	2"	2"	4"
Segments per Reel	200	200	200	100	180	180	100	50

Visit rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Product	NEOFLEX				PURELINE
	Standard	Low-Glare	Tunable White	RGBW	Standard
Series	Professional Grade				Professional Grade
When to Use	Indoor or Outdoor				Indoor or Outdoor
	Architectural features • column, arch, cove • stair, display • water features				High-end architectural, landscape, building facades, planter edges, water features, upscale residential exteriors
Special Selling Feature	Dual-axis bend — top and side flex	Glare-free neon silhouette	Flexible wireless control	Dynamic color-changing light shows	Dot-free continuous band COB output
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K	3000K	2700-6500K	RGBW + Tunable White (2700-6500K)	2700K, 3000K, 3500K, 4000K, 5000K
CRI	 90 CRI				 90 CRI
Warranty					
Power (W)	4.27W/ft	4.27W/ft	2.5W/ft	4.27W/ft	3.66W/ft
Maximum Run*	16'	16'	32'	49'	16'
Light Output (lm)	Up to 224 lm/ft	40 lm/ft	Up to 135 lm/ft	Up to 94 lm/ft	Up to 278 lm/ft
Tape Voltage (V)	24Vdc				24Vdc
Driver Voltage (V)	120-277V				120-277V
Lifespan (hr.)	50,000				50,000
IP Rating/UL Listing	IP67				IP67
Drivers & Controllers	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3	TND-96, TND/B, LCBLV/TW	TND-96, TND/B, LCBLVD/RGB	TID-60, TID-96, TID/B, TOD-96, TOD-96x2, TOD-96x3, TPF2OC, TOCJ2, TAP14, TAP16TL, TB12, TSG
Mounting Channel	TB16, TBB16, TAP16 (39"), TAP16TL (39")	TB16B, TAP16 (39"), TAP16TL (39")	TB16, TBB16, TAP16 (39"), TAP16TL (39")	TB16, TAP16 (39"), TAP16TL (39")	TAP14 (39"), TAP16TL (39"), TB12
Connectors	TPF2NF, TSG	TPF2NFB, TSG	TPF3NF, TPFE3, TPFS3, TSG	TPF5NF, TPFE5, TPFS5, TSG	TPF2OC, TOCJ2, TSG
Dimming	TRIAC/ELV or 0-10V	TRIAC/ELV or 0-10V	Wireless — Lightcloud Blue		TRIAC/ELV or 0-10V
Beam Angle	120°				120°
Reel Length	16'	16'	16'	16'	16'
Segment Length	Any	Any	2"	5"	1"
Segments per Reel	Any	Any	100	40	180

*Max run is calculated based on using 96W driver. For longer runs, additional hardware needs to be purchased. For /RGB models, adjust the MSC and MSU values in Lightcloud Blue mobile app. Contact RAB for more information.