Pro Shape | Tunable White

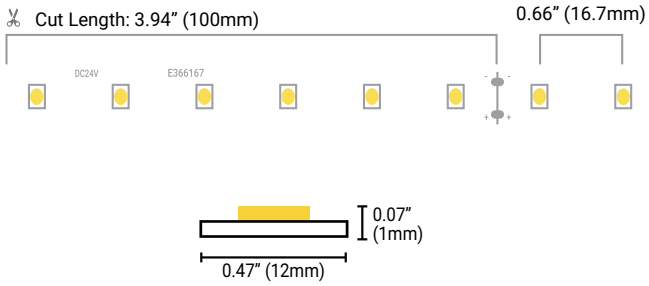
NOVA FLEX



- Shapeable tunable IP20 LED strip provides ultimate flexibility for on-site cut and finish!
- Great for residential, hotels, bars, and related projects, especially those with curves, right angles (e.g., coves), and custom shapes
- 2400K to 6500K tunable range
- Minimal voltage/brightness drop throughout max run
- Sold in 5-meter reels
- CRI-90, 4yr warranty, cULus listed

Physical

IP Rating	IP20
Ambient Temp	-4°F to 113°F (-20°C to 45°C)
Mounting Options	Clips | 3M Adhesive
Cut Length	3.94" (100mm)
Min. Bend Diameter	N/A - *please refer to the instructions below for proper shaping guidance and important cautions*
Dimensions	*See Below*



Quality, Reliability, Safety

Warranty	4 years
CRI	90
Lumen Maintenance (TM-21 L70 projections based on light source LM80 data)	50,000 hours
Certifications	cULus listed

Electrical

Voltage	24V
Power	5.5 W/ft
Max Run (adjusted for cut length)	16.4' (5M)
Wire Quantity	3 wires

Product Overview: SKUs, Lead Times & Performance Metrics

SKU	*Lead Time*	*CCT*	*Output Lm/Ft*		*Efficacy L/W*	
			Warm & Cool	*appr. full-on*	*Warm & Cool*	*appr. full-on*
PRO-SHP-IP20-24V-24K/65K-RL5MT	5-7 weeks	2400K	217	404	39	74
		6500K	266		48	

Actual values can vary +/- 10%.

Quick Links | For more information

Product page contains photometric files, installation guide, power and controls compatibility.

Please note, we can run specific configurations of light and channel in our gonio, with a five day lead-time. Please consult with your Nova Flex Sales rep.

Shaping Instructions

These instructions apply only to dry-rated IP20 Pro Shape LED strip for indoor, dry-location installations.

Recommended Techniques for Right Angles and Curves

There are other techniques that can be used, which you may find as you work more frequently with this type of strip. **The key is to use the oval-shaped holes between LEDs to make the shapes**, and to handle the strip carefully to avoid damage to the internal circuit, LEDs, solder joints, and protective coating.

Right Angle Bends

- Form the shape only in the intended direction, as shown, and keep pressure distributed across the shaped area.
- Secure with attached tape or super glue as needed.



Accordion/Pleat Folds for Curves

- Make small, even pleats/folds across the width and along the length of the strip as shown, rather than forcing one tight pleat/fold at a single point.
- Support the strip during this process so the stress is spread evenly along the length of the strip.



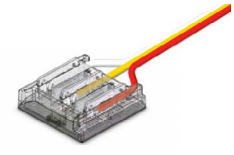
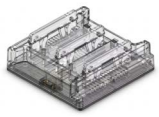
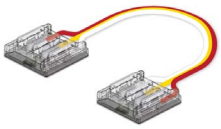
Planning and Installation Tips

1. Inspect the LED strip before installation. **Do not install if the strip, coating, LEDs, or wiring appear damaged.**
2. Plan the route and dry-fit the strip along the installation path **before** removing the protective paper backing to expose the adhesive tape and permanently mounting the strip.
3. Confirm the installation area is dry and suitable for IP20-rated product before mounting.
4. Clean and dry the mounting surface so the strip or mounting channel will sit flat and secure. Avoid using the included adhesive tape on wood or drywall; instead use mechanically attached thin metal attachment point or strip to ensure long term adhesion. Use *Dow 737 RTV* to attach to wood or drywall.
5. Apply the strip gradually, bending only as needed and avoiding sudden pressure at one point.
6. Use the tape backing of the strip to secure the strip. Super glue can be used if needed to ensure adhesion and the desired shape, and to reduce stress on the strip.
7. After installation, power the strip and check for flickering, dark sections, color shift, or loose connections. See below **Connector Options** for powering the strip.

Important Cautions

- Do not twist or sharply kink the strip. Do not repeatedly bend the strip, plan your work prior to starting; repeated bending causes fatigue and intermittent failure.
- Use smooth, gradual curves where possible. The oval-shaped holes in the strip allows it to be shaped horizontally. Pleat-bends or accordi-on-style bends may be used to help form a curve, with pressure distributed evenly.
- **Do not bend directly across LEDs, solder joint, cut marks, connectors, or damaged areas.**
- **Do not pull on wires, connectors, or solder joints while forming a shape.**
- **If the strip does not sit naturally in the desired curve, use a connector, mounting accessory, or a different routing path instead of forcing the bend.**

Connector Options

	SKU	Description
	SLC-STW-12-IP20-3C-05	• Solderless Connector, Strip to Wire (for power) with 12mm PCB, IP20, 3 Conductor • Pack of Five
	SLC-STS-12-IP20-3C-05	• Solderless Connector, Strip to Strip (joins 2pcs together), 12mm PCB, IP20, 3 Conductor • Pack of Five
	SLC-J15-12-IP20-3C-05	• Solderless Connector, 15cm Jumper, 12mm PCB, IP20, 3 Conductor • Pack of Five