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Flash You Need

Permanent LED Lights

The quick guide: costs, specs, and what
changed in 2026.

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The short version

Permanent LED lights are weatherproof, individually controlled LEDs that you mount on your eaves once and run from an app. The same set does red and green in December, orange in October, and warm white every other night. No ladder in November.

5 numbers worth knowing

\$280 to \$500 Price of a 100 ft DIY Govee set in 2026 (\$279.99 for Outdoor Lights 2, \$499.99 for the new 2 Pro).

\$25 to \$40 Installed cost per foot from professional brands, before the controller.

IP68 Water rating on the lights in Govee's newest lines. The control box is IP67.

-22°F to 140°F Operating range listed for Govee Prism.

50,000 hours Rated LED life. At 5 hours a night, that's about 27 years on paper (real life will be shorter).

What changed in 2026

- **Cuttable is real now.** Older sets like Govee Outdoor Lights 2 can't be cut. Govee's Prism and 2 Pro can be cut, spliced, and extended, which fixes the old "measure twice, order once" problem. Govee still recommends professional guidance for cutting the Prism.
- **Matter support.** Prism and 2 Pro work with Matter, so they can live inside your existing smart home setup instead of a single brand app.
- **Dual-layer lighting.** Govee launched the Permanent Outdoor Lights 2 Pro on September 7, 2026 (US only). Each light has two independently controlled zones, upper and lower, so you can wash the wall and trim the eave in different colors. It's \$499.99 for 100 ft and \$799.99 for 200 ft.
- **Better whites.** The 2 Pro lists a 1000K to 10000K white range. Prism lists 2700K to 6500K. That makes them useful as everyday accent lighting, not only holiday lights.
- **Discounts on last year's models.** Prism lists at \$540 for 100 ft, but through 2026 the Amazon price mostly sat around \$430, with a \$400 dip during Prime Day in June.

Prices checked October 2, 2026. They move often, so confirm before you buy.

What it really costs

You've got 2 paths. Buy a kit and hang it yourself, or pay a company to design, install, and warranty a system. The gap is big.

Path	Typical cost	Example
DIY, budget	About \$280 for 100 ft	Govee Outdoor Lights 2. Not cuttable.
DIY, mid	About \$430 to \$540 for 100 ft	Govee Prism. Cuttable, Matter.
DIY, newest	\$499.99 (100 ft), \$799.99 (200 ft)	Govee 2 Pro. Dual-layer, cuttable, Matter.
Professional	\$25 to \$40 per ft installed, plus controller	Jellyfish, Trimlight, Oelo, and local dealers.

The math for a 100 ft roofline. A pro install runs \$2,500 to \$4,000 before the controller. Jellyfish lists its controller at \$650 to \$850 through corporate locations. A DIY kit at \$280 to \$500 is roughly 12% to 20% of that.

Pro pricing is quoted by dealers and varies by region, roof difficulty, and season. Jellyfish's own pricing page says about \$25 to \$35 per foot. One dealer comparison puts Oelo at \$35 to \$40 per foot. Get 3 quotes.

DIY or professional?

- **Go DIY** if you have a single-story home, a straight roofline, a stable ladder, and a free Saturday.
- **Hire a pro** for 2-story homes, steep roofs, complex rooflines, or if you want a multi-year warranty. One dealer comparison lists a 7-year transferable warranty for Oelo, and another lists 5 years for Jellyfish. Crews at Jellyfish's corporate locations average around 150 ft per day.

5 install tips that save a weekend

- Test the whole strand on the ground before you mount a single clip.
- Clean the surface and let it dry. Adhesive grips best on a mild, dry day.
- Use the clips or screws along with the adhesive, especially on corners and exposed sections.
- Plan the outlet and controller spot first, under the eave and out of direct water.
- Measure your roofline twice. If your set can't be cut, buy slightly long and tuck the extra wire.

The spec sheet, translated

Scene counts are easy to market. These specs decide whether the system survives 5 winters.

Spec	What to look for	Why it matters
Water rating	IP67 or better on the lights. IP65 or better on the control box.	Connectors and boxes fail before bulbs do.
Cuttable	Yes, if your roofline has odd lengths or angles.	Saves you from coiling extra wire behind a gable.
Temperature range	At least -4°F to 140°F. Govee Prism lists -22°F.	Cold snaps and hot south-facing walls both stress adhesive and wire.
Smart home support	Matter, Alexa, and Google Assistant.	Lets you run lights from the system you already use.
White range	Tunable white, such as 2700K to 6500K or wider.	Makes the lights useful on all the nights that aren't a holiday.
Light spacing	Govee 2 Pro 200 ft has 84 lights, about 2.4 ft apart.	Wider gaps look sparkly. Tighter gaps look like a line.
Warranty and support	Read the length and what's covered.	This is where cheap kits cut corners.

IP ratings in plain English

Rating	What it means	Seen on
IP65	Dust-tight. Handles water jets.	Control boxes, adapters
IP67	Dust-tight. Survives short submersion.	Many permanent light strands
IP68	Dust-tight. Rated for longer submersion.	Govee Prism and 2 Pro lights

Heads up on the 50,000 hour claim

Brands rate LED life under ideal conditions. Wiring, connectors, adhesive, and the controller usually give out first, so treat the number as an upper bound and judge the warranty instead.

Why this category keeps growing

Permanent lighting sits inside the larger outdoor lighting market. Mordor Intelligence puts the North American outdoor lighting market at USD 6.28 billion in 2026, growing about 5.9% a year to USD 8.36 billion by 2031. Residential held a 35.12% revenue share in 2025, the largest slice.

Other research firms publish higher figures, for example GM Insights at USD 9.7 billion for 2026, because each defines the category differently. Read these as direction, not as exact totals.

Pick in 30 seconds

If you want	Start here	Watch out for
Lowest price, simple roofline	Govee Outdoor Lights 2 (about \$280, 100 ft)	Can't be cut. Measure carefully.
Odd roofline, cut-to-fit, Matter	Govee Prism (about \$430 to \$540, 100 ft)	Check current sale price first.
The newest tech	Govee 2 Pro (\$499.99, 100 ft)	Launched Sept 2026, so there's little long-term owner data yet.
No ladder, long warranty	Professional install (\$25 to \$40 per ft)	Quotes vary a lot. Get 3.

5 mistakes to skip

- Buying by scene count. 55 or 100 presets matter less than the water rating and warranty.
- Skipping the measurement. Roofline length decides everything, especially for non-cutable sets.
- Trusting adhesive alone for a year-round install.
- Ignoring the outlet. A great set with a 60 ft gap to power needs extension planning.
- Forgetting that systems can't always be joined. Check whether a second strand syncs with the first.

Want the product breakdowns?

Read our full reviews and side-by-side picks at [lielectro.com](https://www.lielectro.com), including the 5 Best Permanent Christmas Lights 2026.

Sources

Govee press release, Permanent Outdoor Lights 2 Pro (us.govee.com, Sept 2026). Matter Alpha, Govee IFA 2026 coverage. Govee product pages for Prism, 2 Pro, and Outdoor Lights 2. 9to5Toys Govee price tracking (May and July 2026). JellyFish Lighting pricing page. DFW LED Lite and Central Florida Trimlight dealer comparisons (2026). Mordor Intelligence, North America Outdoor Lighting Market, 2026 to 2031. GM Insights, North America Outdoor Lighting Market. Prices and specs change, so check the manufacturer before buying.