

This product involved the biggest market research the company has done, and the result is the best cabinet lighting solution in the market.



EZBeam Series

State-of-the-art cabinet lighting. High efficiency and cost-effective solution to transition away from fluorescent lamps into LED for retrofitting environments or new cabinet construction.

Patent Pending

LED MODULES

EZBeam Single Sided

For large scale channel letters or single-sided cabinets, this product will save you more than 50% in LEDs and labor costs. It is **3.5W** per module and has a 175-degree beam angle.



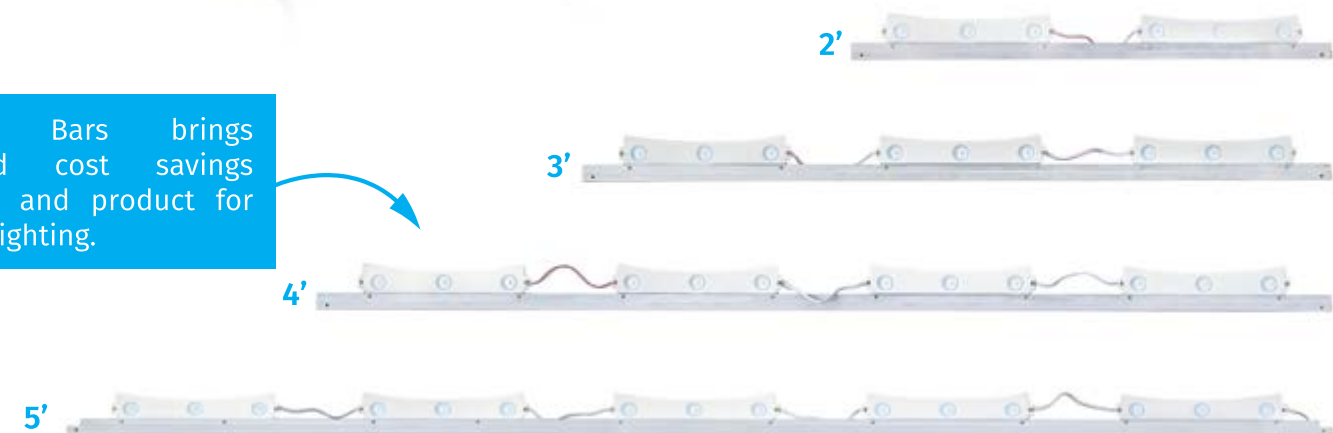
EZBeam Double Sided

The unique design for this product includes a groove that allows the module to be flushed mounted to any aluminum bar. It is **6W** per module and has a 175-degree beam angle.



EZBeam Bars

EZBeam Bars brings unrivaled cost savings in labor and product for cabinet lighting.



EZBeam Series

EZBeam Single Sided 24V

This product is **2W** per module and with 50% higher efficacy compared with our 12V version. Second to none for those who seek a 24V solution.



Accessories

For retrofitting environments just use it on one side of the bar and you are good to do

EZBeam Socket



EZBeam Middle Connector



Did you know

that the middle connector also serves as a length adjuster? Our EZBeam bars have little holes on each end, so you can space them out as much as needed by screwing them into the middle connector to achieve the desired length.

EZBeam Double Sided 24V



The best cabinet lighting got better. This is what's next for 24V systems. At **4W** per module, it is individually sold or mounted on our aluminum bar. This product compels anyone who tries it.



The aluminum bar ensures no deflection up to 10 ft length in horizontal mounting.

These are 10 ft tall letters illuminated with our EZBeam Single-Sided.

DRIVE SHACK

Illuminated by Everlyite - Fixture Contractor: Rite Lite Signs Inc

EZBeam Series

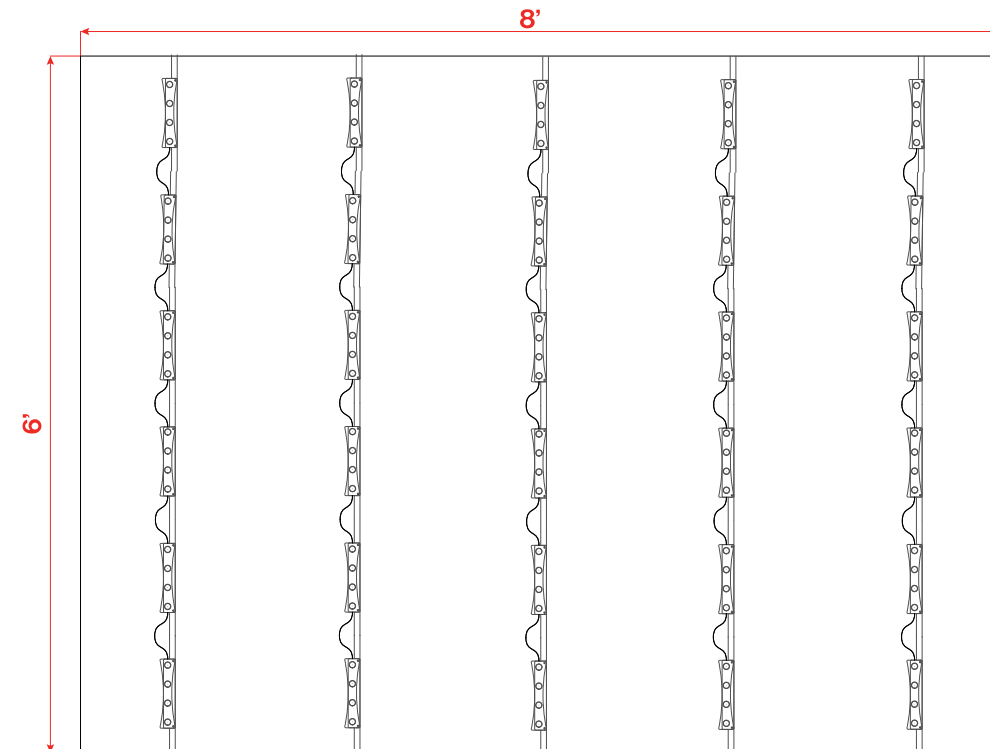
Why 24V?

The latest trend in the LED industry is to migrate to 24V systems
But have we stopped to think about why is it important to do so?

- Because we can **REDUCE** the wattage and still get an even **BRIGHTER** product
- AND with **LESS** wattage, you can use **FEWER** power supplies



Here is a 24V EZBeam cabinet

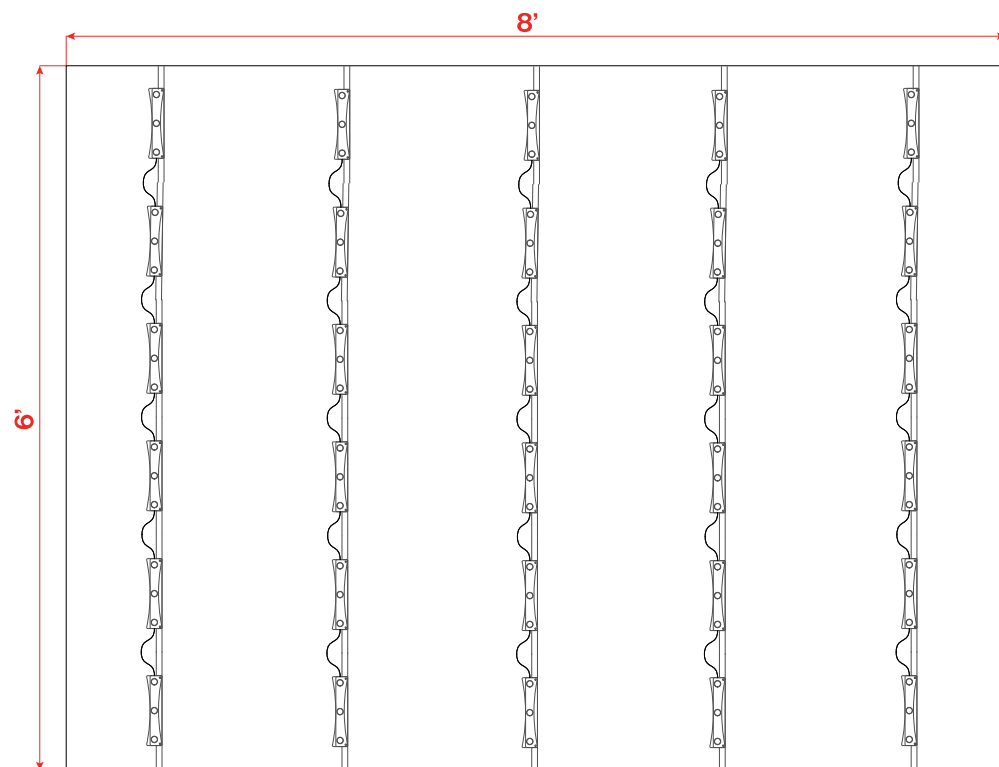


LEDs: 30 mod
#P.S.: 1 of 150W
Power Consumption: 120W
Brightness: 560 lm/mod
Daisy Chain Length: 20 mod

Everylite - EZ Beam 6500K Double Sided 24V - EZ-4D-W6CL-DS
Cabinet 6'x8'x18"
0.6 mod/ft²

Let's compare 12V vs 24V cabinets

Here is a 12V EZBeam cabinet



LEDs: 30 mod
#P.S.: 2 of 150W
Power Consumption: 180W
Brightness: 550 lm/mod
Daisy Chain Length: 10 mod



Everylite - EZ Beam 6500K Double Sided 12V - EZ-3D-W6CL-EG
Cabinet 6'x8'x18"
0.6 mod/ft²

This cabinet is a mirror image of the bottom section from the one displayed on ISA 2018 in Orlando FL. And if you remember it from that occasion, you could not even tell it had a pole in the middle.

Here are the results



12V



24V

# of Modules	30	30
Brightness	550 lm/M	560 lm/M
Power Consumption	180W	120W
# of Power Supplies (150W)	2	1
Maximum # of modules per run	10	20
Installation Time	🕒 🕒	🕒
LED Cost	\$	\$\$
Overall Rating	★ ★ ★	★ ★ ★ ★ ★

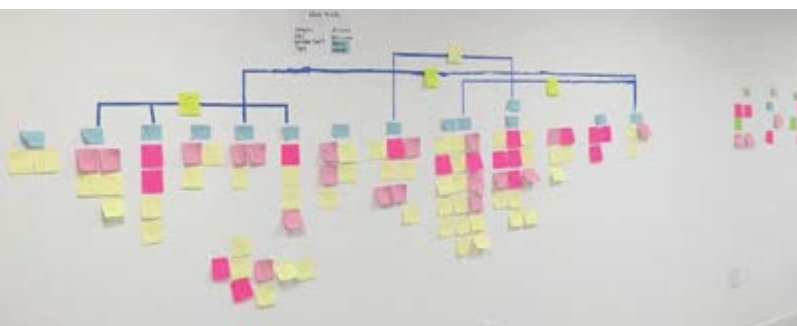
The story behind EZBeam

We decided to conduct nationwide market research to find what were the new trends in the industry for the cabinet lighting category.

When we faced the products available at the time, the most common one was to have a channel letter LED module taped on an aluminum bar (which, by the way, some LED companies still believe that is innovation!).



Taping LED modules to a bar is not innovation, it is not advanced technology, it is a time-consuming and labor-intensive process that results in a product performing in an application it was not designed for. The area that is covered by the lens of a traditional LED module is limited, nowhere near enough what is needed for cabinet lighting. And 10ft aluminum bars were inconvenient to carry on a truck to a job site. In short, we knew that we could do better, but we could not do it alone.



The first takeaway was that we could provide a product that fits the entire market as long as we could provide the optimal product material, impeccable technical performance, and legitimate longevity.

Technical

- Single and Double-Sided module
- Premounted on an aluminum bar
- Quick and easy install method
- No shades or hotspot
- Sturdy connector

Design

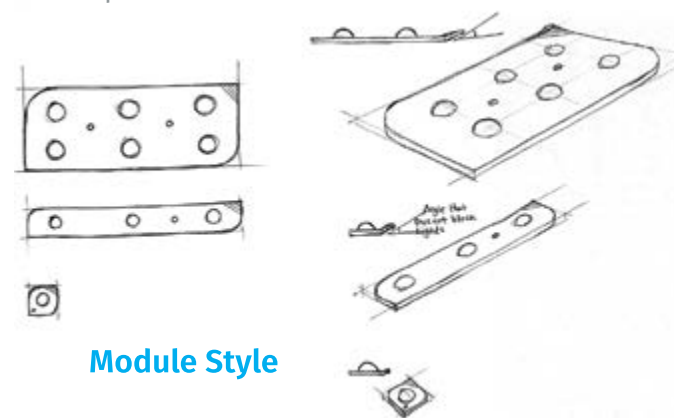
- For retrofitting environments
- For new construction
- Different bar sizes
- Brighter solution
- 12V

The next step was to go to our biggest strength, our manufacturing capabilities. Create and assemble such a big LED module is not an easy task to accomplish. The three biggest challenges we encountered were:

1. *Make a lens that innovates:* Without developing a better lens, the product would perform like the LED module in a stick that our customers (and us) hated so much.
2. *How to structure the way the LED module would mount on the bar:* The material of the LED module has to be firm enough so it stays rigid and does not bend. We needed to make sure it would not crack.
3. *How to make the installation process as easy as possible:* We needed to determine how many different sizes are needed as carryable units to fulfill most of the different sizes a lightbox needs.

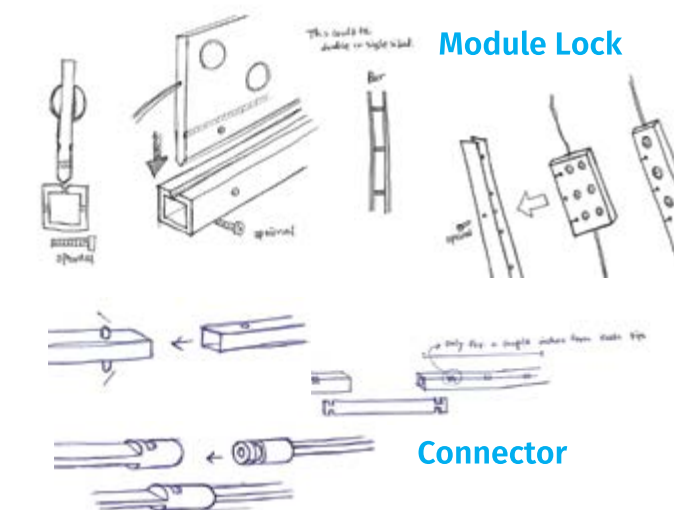
Our R&D focused solely on the purpose of developing that desired lens. A lens that could cover a bigger space and had a reliable performance at

great depths. The lens was tested many times, and the product mold was tampered with a few more times as well until they finally found what they were looking for. They came up with a 175° beam angle lens that not only covered remarkably well at deeper levels but also shallow depths. The lens was so great we decided to use it for this brand and other products as well.



Module Style

The LED module was created adopting nylon material, which increased the rigidity of the product and makes it last longer. Also, this material performs better at higher temperatures. At this point, the lens, product design, and material were locked.



Finding that ideal installation method was intricate. We had to work on the aluminum bar size, the way to install it, the middle connector, the multiple bar length options we wanted to offer, and everything else in the middle doing all at the same time. The result was:

- 4 sizes of aluminum bars that can be combined to accomplish almost every desired

But there is nothing we cannot conquer

length

- A socket that fits perfectly in the HO sockets for retrofitting purposes
- A sturdy middle connector that provided support and adjustability



Finally, this product needed a name! It all boiled down to communicating what the product was in its brand name. This LED Module had an incredibly easy installation method and the best lens technology at the time with the widest beam angle we had yet to offer.

EZBeam = Easy Installation & Best Beam Angle



Launching this product was a breeze. Actions speak louder than words, and the performance of this product speaks for itself. Everyone who sees it for the first time is impressed, and those who repeatedly use it know that it can be trusted.

That is why we did not stop there... Now we are offering the 24V option of this amazing product.

We have all worked very hard to get where we are today. Our manufacturing capabilities have been the key ingredient that works behind the scenes, and our mission is to create our customers' needs.

We could not have done this without you.



Illuminated by Everylite

EZBeam

Easy Installation & Best Beam Angle

