

FEATURING

# THINRAYZ

## and ThinRayz Xtra LED Modules



From the skinniest channel letters to the shallowest light-boxes, offering high-quality, low-energy lighting solutions for customers is a sign maker's biggest challenge. Now with AgiLight's ThinRayz and ThinRayz Xtra LED modules, lighting the impossible sign just became a reality.

### AT A GLANCE

- $V_1 = 12v$  DC
- Operating environment: -40 to 60C
- Storage temperature: -40 to 90C
- 120° beam angle

#### ThinRayz (Mini)

- 78 lumens per foot (white)
- 1.00"L x 0.59"W x 0.19"H
- 2 TriDie LEDs per module
- 3 modules/foot
- 50 feet/package (150 modules/package)
- I = 0.053A/module
- Available in Red, Amber, Green, Blue and AgiLight Sign White

#### ThinRayz Xtra

- 104 lumens per foot
- 2.25"L x 0.85"W x 0.19"H
- 4 TriDie LEDs per module
- 2 modules/foot
- 50 feet/package (100 modules/package)
- I = 0.108A/module
- Available in AgiLight Sign White

### XTRA THIN



At 0.188 inches thick, ThinRayz and ThinRayz Xtra's low-profile and ultra-thin form factor

allow for even lighting of extremely shallow letters and signs as small as 1.5 inches in depth. This gives designers new options for illuminating some of today's toughest sign designs.

### XTRA WHITE



By using proprietary TriDie LED packages, ThinRayz and ThinRayz Xtra modules shine with

an extremely consistent, ideal white that provides light equivalent to that of 6 or 12 standard LEDs respectively. By reducing color variation, while optimizing brightness and uniformity, ThinRayz and ThinRayz Xtra make white LEDs a viable light source for signs that in the past were impossible to light with LEDs.

### XTRA BRIGHT

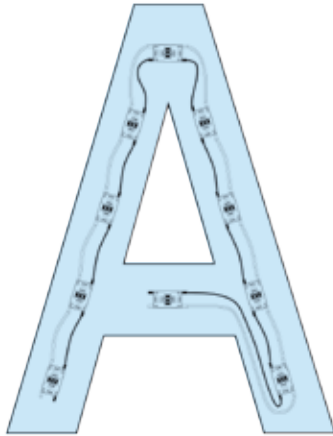
Bright, uniform illumination across letters or signage (including front-lit, halo-lit and side-lit letters) allows designers to use ThinRayz modules to make almost any sign the brightest on its street. ThinRayz Xtra provides 33 percent greater light output per foot than regular ThinRayz and double the brightness of TuffRayz.

### UNIQUE TRI-DIE™ TECHNOLOGY

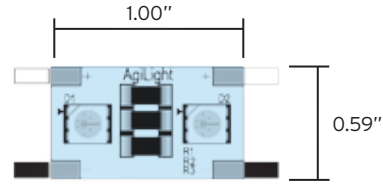
ThinRayz and ThinRayz Xtra achieve unmatched energy-efficiency and brightness by using AgiLight's state-of-the-art TriDie LED technology. With its wide-beam angles, TriDie technology optimizes brightness and uniformity, blends light to reduce color variation and drastically reduces the amount of energy needed. Limited warranties of up to five years assure long life.



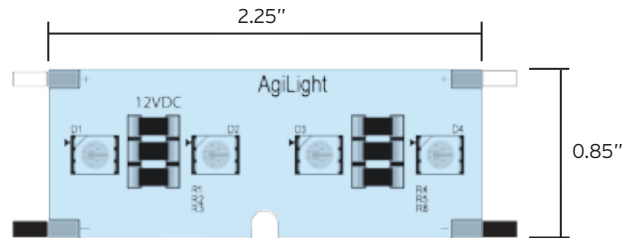
# THINRAYZ SPECIFICATIONS



**Typical Channel Letter Installation**  
18" Letter Shown



**ThinRayz: Actual Size**



**ThinRayz Xtra: Actual Size**

## Power Supply Loading Chart

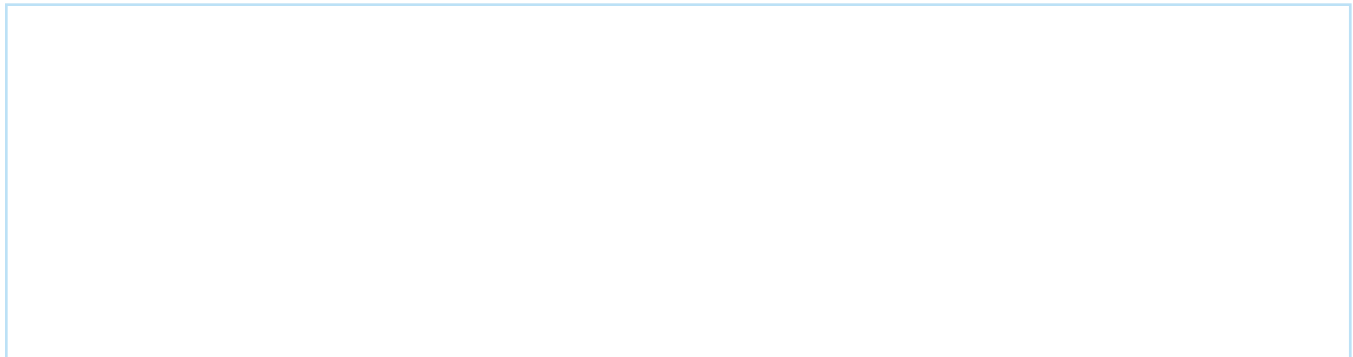
Power Supply	ThinRayz Red, Amber, Green, Blue, White Maximum Load	ThinRayz Xtra White Maximum Load
20 Watt	30 Modules (10 Feet)	15 Modules (7.5 feet)
60 Watt	90 Modules (30 Feet)	44 Modules (22 feet)

## Technical Specifications

Color	Wavelength/CCT	Energy Consumption	Current per Module	Warranty
Red	625nm	1.9 watts per foot	0.053A	5 years
Amber	590nm	1.9 watts per foot	0.053A	5 years
Green	530nm	1.9 watts per foot	0.053A	4 years
Blue	465nm	1.9 watts per foot	0.053A	4 years
White	7300K	1.9 watts per foot	0.053A	4 years
White-ThinRayz Xtra*	7300K	2.5 watts per foot	0.108A	4 years

\*ThinRayz Xtra are available only in white

## Available From



For more information, please contact: 866.482.0203 or email us at [ThinRayz@AgiLight.com](mailto:ThinRayz@AgiLight.com)