



GEN LED **AGILIGHT**[®]
Innovative Signage Lighting

TURNLOCK PRO

24V

Custom LED Light Bars



TURNLOCK PRO

UL CE IP67



24V

Custom LED Light Bars

The AgiLight Turnlock PRO lets you quickly build custom LED light bars in the field or sign shop. The system features single- or double-sided high efficacy modules and our innovative Turnlock system. Simply turn and lock modules firmly in place on the sturdy Turnlock PRO I-beam bar for rigid, vibration-proof installations. Cut your light bars to fit on the fly. Turnlock PRO features Constant Current technology – each module is as bright as the first, providing even illumination in applications as shallow as 3 in. The unique Turnlock system allows precise module placement for fully customizable brightness.

> 170 lm/W
> Best-in-Class efficacy

> Turnlock PRO features our super-efficient PRO Lyte 4 modules which match stunning energy savings and a brilliant 490 lumens per double-sided module.

> Cut bars to fit your sign

> Quick cuts let you design your sign on the fly. Our sturdy I-beam design provides unyielding support.

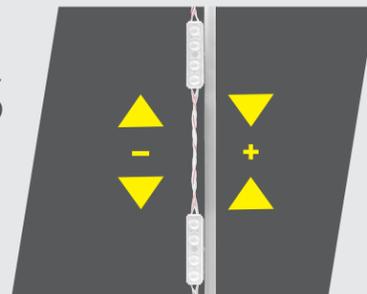


> Turnlock PRO System locks LEDs firmly in place

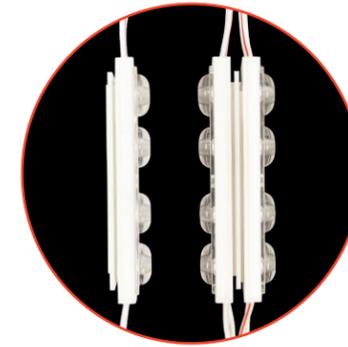
> Just insert and turn to secure your modules to the rigid I-Beam. No slipping, sliding or wavering.

> Adjust brightness with ease

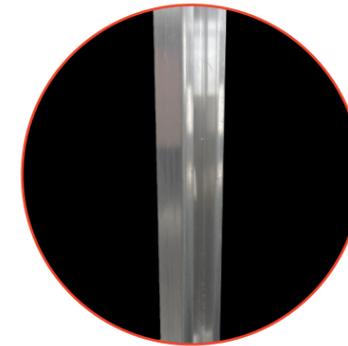
> Move modules to accommodate your needs. Focus light where you want it.



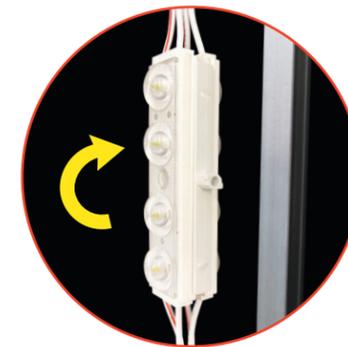
SINGLE- OR DOUBLE-SIDED MODULES FOR OPTIMUM SIGNAGE LIGHTING



I-BEAM DESIGN RIGID EXTRUSION FOR LASTING STABILITY



TURNLOCK SYSTEM FOR QUICK ASSEMBLY AND ADJUSTABLE BRIGHTNESS



Run up to four 8-ft double-sided bars per 100W power supply!

ACCESSORIES



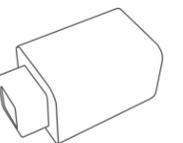
COUPLER

Join sections to make longer LED bars. Connect cut pieces to eliminate waste.



ADJUSTABLE MOUNTING BRACKET

Precision measurements for new installations.



HO END CAP

For mounting in fluorescent retrofits.

SPECIFICATIONS

PRODUCT RATINGS

Luminous Efficacy	170 lm/W @ 6500K
Wattage per Module	1.44 W Nominal (Single-sided) 2.88 W Nominal (Double-sided)
Input Voltage	24 V DC
Max. Module Spacing	12 in. (305 mm)
# of Modules Per Foot	1
# of Modules Per Meter	3.28
Lumens Per Module	245 (Single-sided) 490 (Double-sided)
Lumens Per Foot (at max. module spacing)	245 (Single-sided) 490 (Double-sided)
Lumens Per Meter (at max. module spacing)	804 (Single-sided) 1607 (Double-sided)
Ingress Protection	IP67
Beam Angle	176°
Operating Temperature	-13° - +140° F (-25° - +60° C)
L70 Lifetime @ 60° C	50,000 hours
Warranty	9-Year Limited Warranty

POWER SUPPLY LOADING

Power Supply	Total # of Modules (SS)	Total # of Modules (DS)
30W	19	9
60W	38	19
100W	64	32
300W (100W x 3 channels)	64x3	32x3

Notes: 1. Loading calculated at 25°C.
2. Single String Max Modules values can be used with the remote mounting to power supply table.

REMOTE MOUNTING DISTANCE

Power Supply	18AWG (ft/m)	16AWG (ft/m)	14AWG (ft/m)	12AWG (ft/m)
30W	83/25.397	135/41.026	213/65.041	336/102.564
60W	42/12.698	67/20.513	107/32.520	168/51.282
100W	25/7.619	40/12.308	64/19.512	101/30.769
300W*	25/7.619	40/12.308	64/19.512	101/30.769

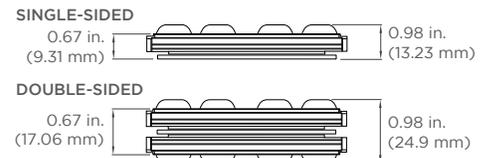
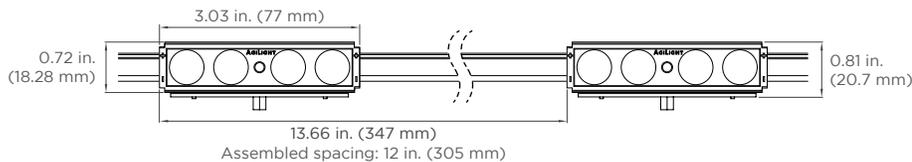
Notes: 1. These values are good for use with Power Supply Loading Table Single String Max Module values
* Values are per output. The 300W power supply provides three 100W outputs. Outputs cannot be combined.

LAYOUT GUIDE (based on 12 in. | 305 mm module spacing)

Channel Depth	Bar Spacing	Channel Depth	Bar Spacing
3 in. (75 mm)	10 in. (250 mm)	6 in. (150 mm)	18 in. (450 mm)
4 in. (100 mm)	12 in. (300 mm)	8 in. (200 mm)	22 in. (550 mm)
5 in. (125 mm)	14 in. (350 mm)		

DIMENSIONS

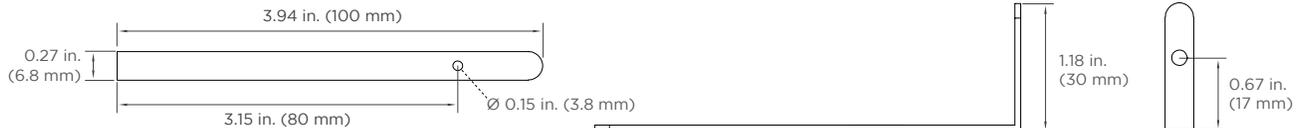
Single- and Double-sided Modules



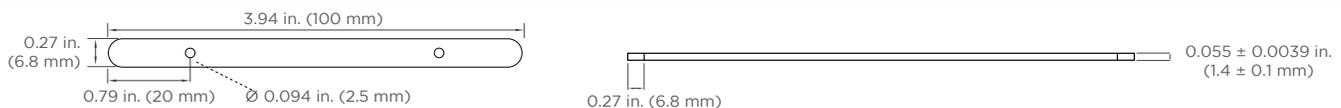
Turnlock PRO Bar



Adjustable Mounting Bracket



Coupler



HO End Cap



AgiLight | Innovative Signage Lighting
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