GEN LED
AgiLight®
Innovative Signage Lighting

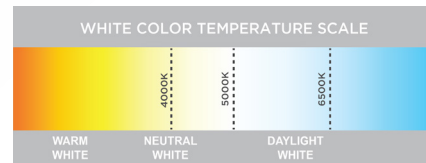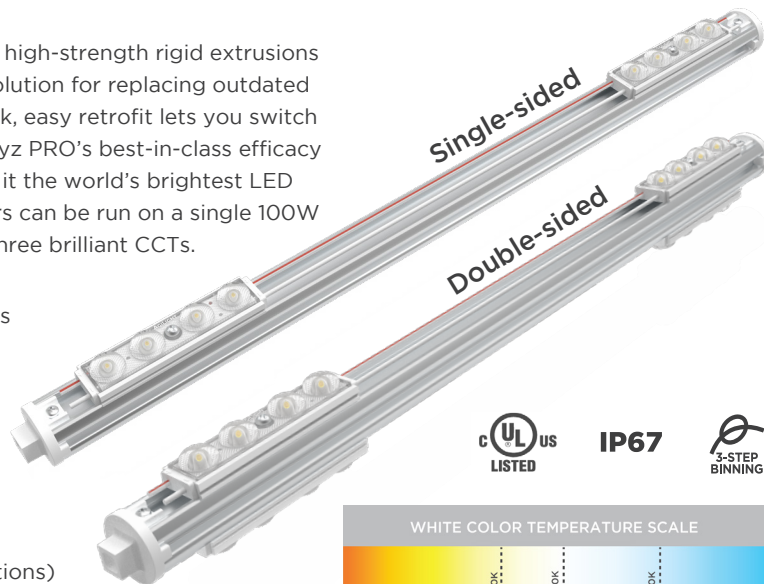## RETRORAYZ PRO

RetroRayz PRO LED light bars are self-supporting high-strength rigid extrusions that provide the most cost-effective flicker-free solution for replacing outdated fluorescent lamps in cabinet and box signs. A quick, easy retrofit lets you switch to 24V constant current LED technology. RetroRayz PRO's best-in-class efficacy and industry-leading brightness combine to make it the world's brightest LED light bar product where four 8-ft double-sided bars can be run on a single 100W power supply! Available in 14 standard sizes and three brilliant CCTs.

FEATURES

· High brightness single- or double-sided light bars
· 24V constant current LED technology
· Stunning 170 lm/W efficacy
· Self-supporting high-strength rigid extrusions
· 14 standard fluorescent replacement sizes
· 3 brilliant CCTs (6500K, 5000K, 4000K)
· Compatible with R17d RDC lamp sockets
· Direct replacement of T12 fluorescent lamps
· IP67 rating (suitable for dry, damp and wet locations)
· Assembled in the United States
· 9-year warranty

Single-sided

Double-sided

cULus LISTED   IP67   3-STEP BINNING

RETROFIT

⚡24V
24V DC

9 Yr
9-YEAR LIMITED WARRANTY

ONEWhite®
COLOR CONSISTENCY

VERSALENZ®
ADVANCED OPTICS

⚡CC
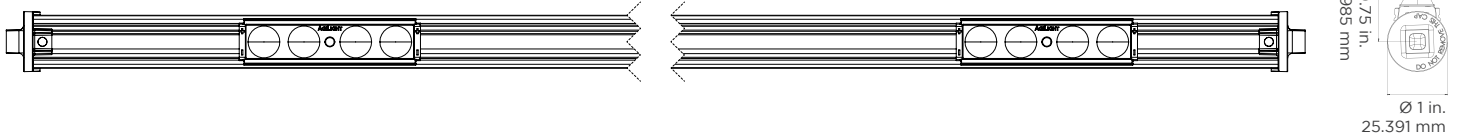CONSTANT CURRENT

UV RESISTANT

50,000 HRS
L70 LIFETIME

WHITE COLOR TEMPERATURE SCALE

4000K	5000K	6500K
WARM WHITE	NEUTRAL WHITE	DAYLIGHT WHITE

ORDERING GUIDE

	Part Number*	CCTs	Nominal Length	Lumens per Bar	Watts per Bar	# of Bars per 60W PS	# of Bars per 100W PS
SINGLE-SIDED	LS-RTRZP-018-xxK-SS		18 in.	490	2.9	19	31
	LS-RTRZP-024-xxK-SS		24 in.	490	2.9	19	31
	LS-RTRZP-030-xxK-SS		30 in.	735	4.3	13	21
	LS-RTRZP-036-xxK-SS		36 in.	735	4.3	13	21
	LS-RTRZP-042-xxK-SS		42 in.	980	5.8	9	16
	LS-RTRZP-048-xxK-SS	6500K, 5000K, 4000K	48 in.	980	5.8	9	16
	LS-RTRZP-060-xxK-SS		60 in.	1225	7.2	8	13
	LS-RTRZP-064-xxK-SS		64 in.	1225	7.2	8	13
	LS-RTRZP-072-xxK-SS		72 in.	1470	8.6	6	10
	LS-RTRZP-084-xxK-SS		84 in.	1715	10.1	5	9
	LS-RTRZP-096-xxK-SS		96 in.	1960	11.5	5	8
	LS-RTRZP-108-xxK-SS		108 in.	2205	13.0	4	7
	LS-RTRZP-117-xxK-SS		117 in.	2450	14.4	4	6
	LS-RTRZP-120-xxK-SS		120 in.	2450	14.4	4	6
DOUBLE-SIDED	LS-RTRZP-018-65K-DS		18 in.	980	5.8	9	16
	LS-RTRZP-024-65K-DS		24 in.	980	5.8	9	16
	LS-RTRZP-030-65K-DS		30 in.	1470	8.6	6	10
	LS-RTRZP-036-65K-DS		36 in.	1470	8.6	6	10
	LS-RTRZP-042-65K-DS		42 in.	1960	11.5	5	8
	LS-RTRZP-048-65K-DS		48 in.	1960	11.5	5	8
	LS-RTRZP-060-65K-DS	6500K, 5000K, 4000K	60 in.	2450	14.4	4	6
	LS-RTRZP-064-65K-DS		64 in.	2450	14.4	4	6
	LS-RTRZP-072-65K-DS		72 in.	2940	17.3	3	5
	LS-RTRZP-084-65K-DS		84 in.	3430	20.2	3	4
	LS-RTRZP-096-65K-DS		96 in.	3920	23.0	2	4
	LS-RTRZP-108-65K-DS		108 in.	4410	25.9	2	3
	LS-RTRZP-117-65K-DS		117 in.	4900	28.8	2	3
	LS-RTRZP-120-65K-DS		120 in.	4900	28.8	2	3

*In part numbers, 'XX' represents the CCT. Replace 'XX' with '40' for 4000K, '50' for 5000K, or '65' for 6500K.   Data sheet subject to change without notice.
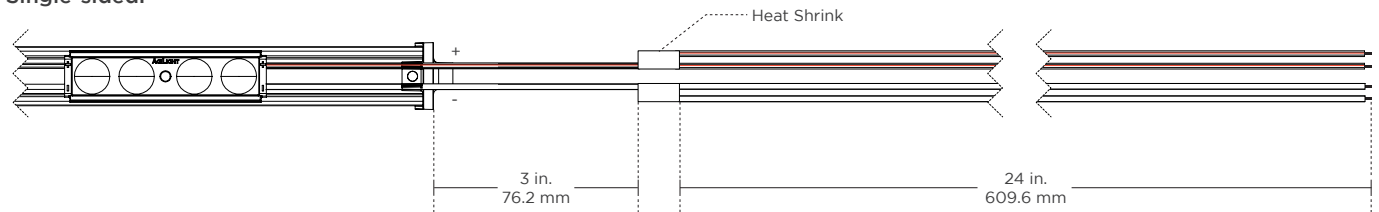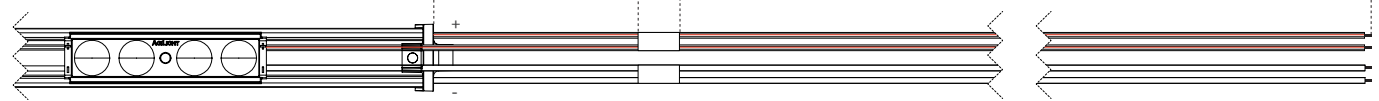
DIMENSION DRAWING

0.75 in.
18.985 mm

Ø 1 in.
25.391 mm

WIRE LENGTH FOR DUAL WIRE CONNECTION LEADS

Single-sided:

Heat Shrink

+

-

3 in.
76.2 mm

24 in.
609.6 mm

Double-sided:

+

-

Note: Dual wire connection leads for easy daisy chains

1. These products are suitable for use in dry, damp, and wet locations. Not suitable for submersed applications.
2. Ensure to disconnect AC power to the sign and remove the ballast and fluorescent lamps prior to retrofitting.
3. Compatible lamp socket type is recessed double contact (RDC). Ensure no power to sockets prior to RetroRayz installation.
4. When these products are connected to a Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the Class 2 power supply.
5. These products are intended for use only when connected to a power source that complies with Class 2 voltage and energy limited circuit.
6. When these units are connected to a Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the Class 2 power supply.
7. These products may be secured in place in the end product by any means available.

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GLOBAL HQ
320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ
Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ
PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ
Room 402, Building D
Shenshi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhu Street
Guangming District, Shenzhen, China 518107
Sales: (+86) 139 1836 3905
Office: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com