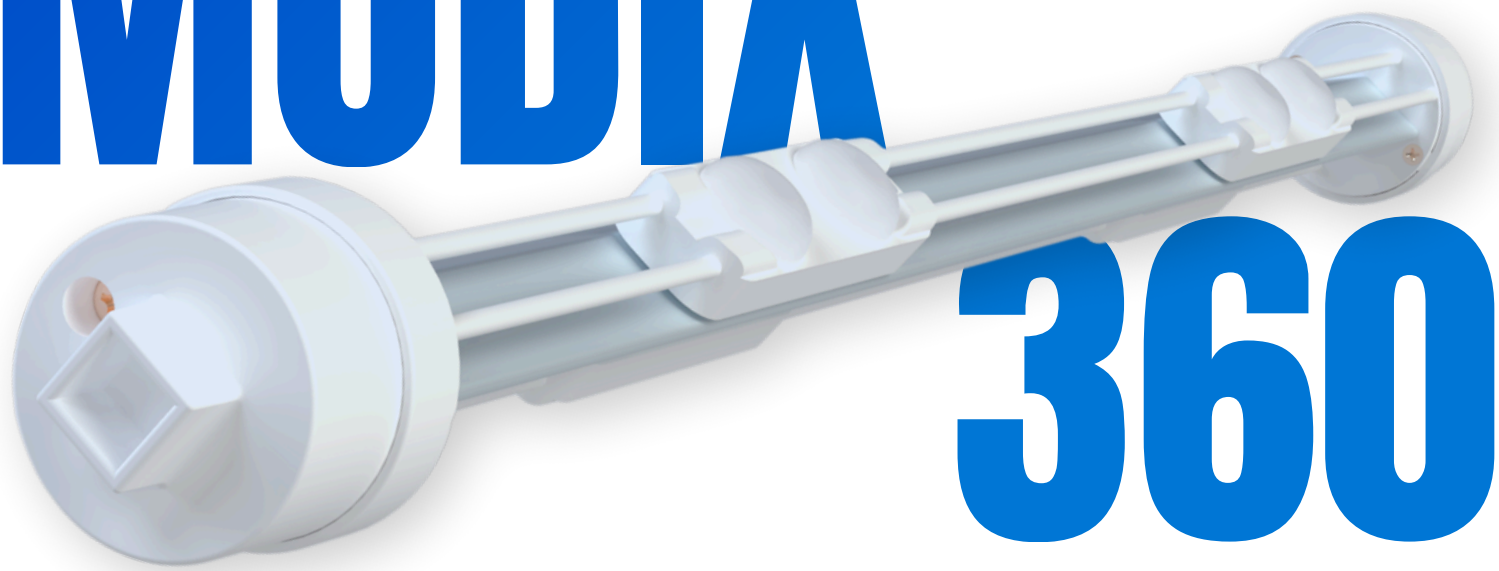
MODIX 360

Allanson
Tried · Trusted · True



Illuminate every angle with Allanson's MODIX 360 — a dynamic, customizable retrofit lighting system designed to bring bold brilliance to modern signage. The MODIX 360's modular design enables fast, efficient installation, while rotatable end caps provide precise directional control for optimal light coverage. Engineered with durable IP67-rated protection against moisture and dust, MODIX 360 delivers reliable performance in demanding environments. High-efficiency LED technology delivers crisp, 7000K illumination for standout single- and double-sided signage and/or custom displays.

ENGINEERED FOR SIGN PROS.

Modular System Flexibility

Available in 8 ft cuttable system bundles with both 12V and 24V configurations to suit a wide range of installations.

Wide Light Coverage

Wide 170° optics deliver smooth, even illumination for single- and double-sided sign cabinets from 6" to 12" deep.

On-Site Adaptability

Engineered for easy cutting, assembly, and population to support fast, efficient on-site customization.

Performance-Driven Efficiency

High-output modules deliver up to 170 lm/W for bright, energy-efficient 7000K illumination.

Precision Rotation

Rotatable end caps provide adjustable light distribution for even lighting. Especially useful with flex face signs.

Rugged & Reliable Protection

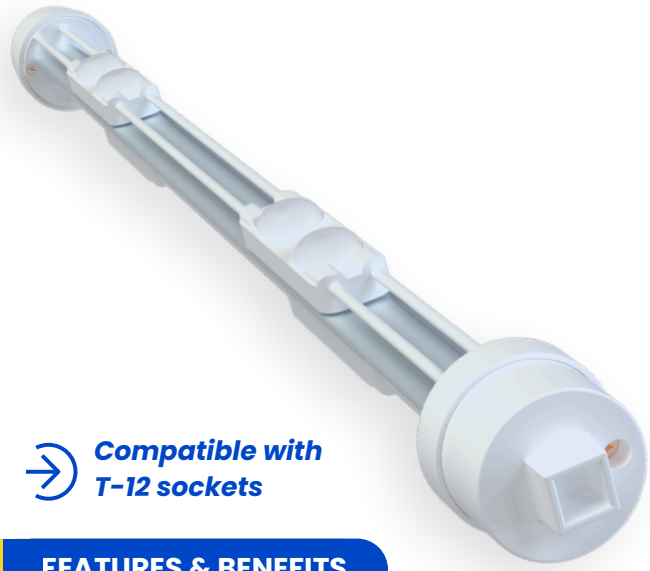
IP67-rated protection against moisture and dust ensures dependable performance in demanding environments.

CONTACT US +1-800-661-7251 www.allanson.com cservice@allanson.com

#21-072
07-08-26

MODIX 360

MD-2BXXX08



Compatible with T-12 sockets

PRODUCT OVERVIEW

Built for versatility, designed for impact, Allanson's MODIX 360 delivers bold, uniform illumination through a fully customizable retrofit lighting system. Modular LED units fit seamlessly into place, while rotatable end caps provide precise directional control. Featuring IP67-rated protection, MODIX ensures lasting durability, dependable performance, and brilliant illumination in any environment.

Explore LED Modules

Where to Buy

c UL us LISTED

EASY INSTALL

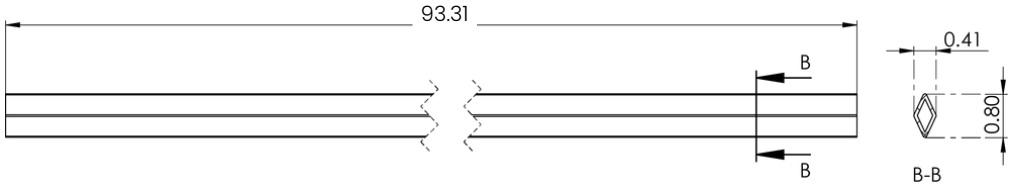
IP 67

FEATURES & BENEFITS

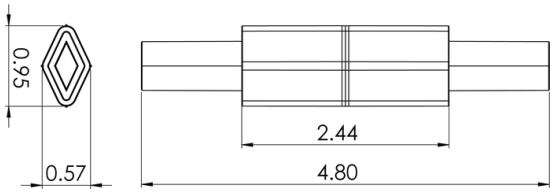
- Available in 8 ft cuttable system bundles in both 12V and 24V configurations.
- Designed for field-cutting, self-assembly, and easy population. All 14 T-12 lengths are possible.
- Rotatable end caps mount directly onto existing sockets for precise light direction control. Compatible with T-12 sockets.
- Simple installation process with streamlined maintenance.
- High-efficiency modules delivering up to 170 lm/W for strong energy savings and high lumen output
- IP67 rating for reliable protection against moisture and dust.
- Wide 170° optics for smooth, even light distribution.
- Ideal for single- or double-sided sign cabinets with depths ranging from 6" to 12."

DIMENSIONS (INCHES)

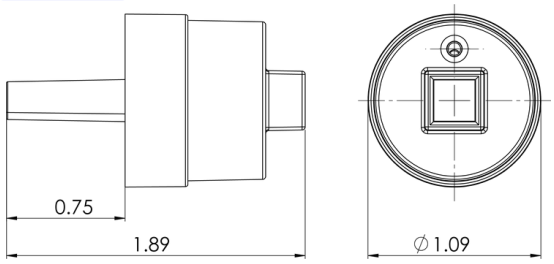
ALUMINUM EXTRUSION (STICK)



JOINER

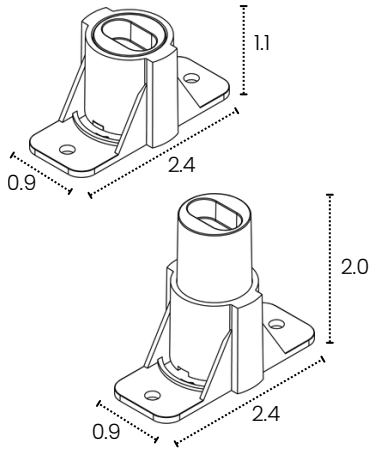


END CAPS



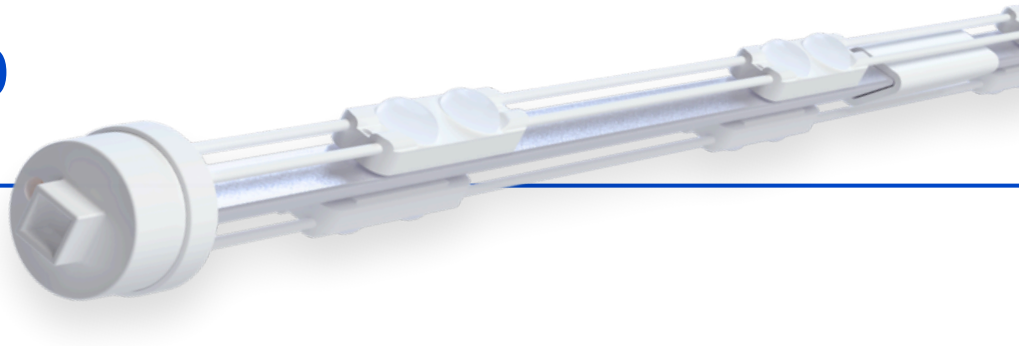
NON-ELECTRICAL SOCKETS

Part #: 1630
sold separately



MODIX 360

MD-2BXXX08



12V SYSTEM BUNDLE

	8ft 12V
PART NUMBER	MD-2B12N08
8 ft Aluminum Extrusion	12 pcs
Rotatable End Cap	30 pcs
Joiner	6 pcs
Module: L307W2TW12B (40 mods/bag)	9 bags
Power Supply: ACVN125-120-277V	6 units

24V SYSTEM BUNDLE

	8ft 24V
PART NUMBER	MD-2B24H08
8 ft Aluminum Extrusion	12 pcs
Rotatable End Cap	30 pcs
Joiner	6 pcs
Module: L307W2TW24B (80 mods/bag)	5 bags
Power Supply: CV244-120-277	3 units

MODIX 360

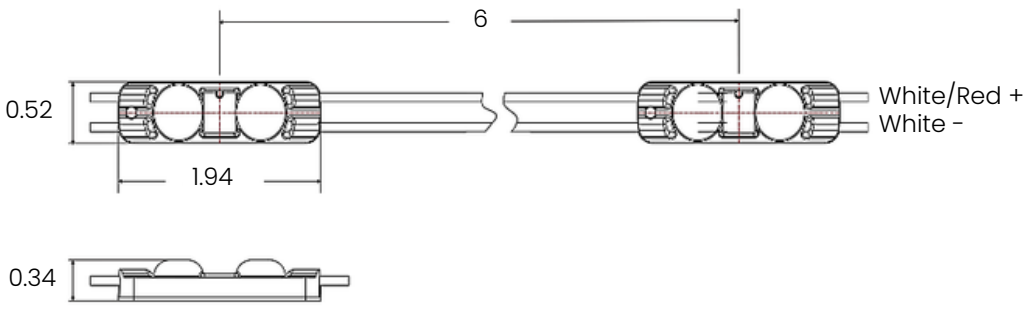
MD-2BXXX08

MODULE SPECIFICATIONS



Product Part Number	L307W2TW12B / L307W2TW24B
Color Temperature	7000K
Module/ft	2
Lumen/Module	122 lm
Lumens/ft	244 lm
Efficacy	170 lm/W
Beam Angle	170°
Power Consumption	0.72 W
Input Voltage	12V/24V DC

MODULE DIMENSIONS (INCHES)



MODIX 360

MD-2BXXX08

FEATURED POWER SUPPLIES

CV244-120-277

- Single-channel 24V DC, 96W output
- 120–277V AC universal input
- Short-circuit, over-voltage, over-current & thermal protection
- Suitable for dry & damp environments
- HPF

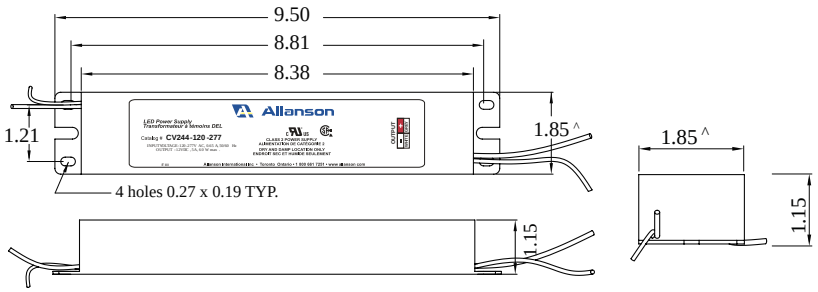




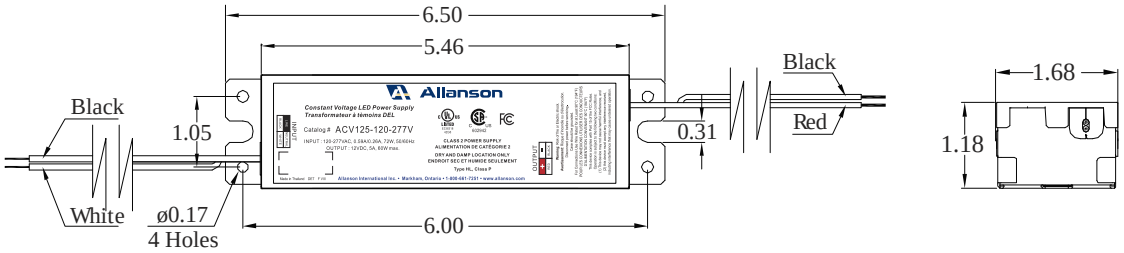
ACVN125-120-277V

- Single-channel 12V DC, 60 W output
- 120–277V AC universal input
- Short-circuit, over-voltage, over-current & thermal protection
- Suitable for dry & damp environments
- NPF

CV244-120-277 DIMENSIONS (INCHES)



ACVN125-120-277V DIMENSIONS (INCHES)



MODIX 360

MD-2BXXX08

POPULATION GUIDELINES: SINGLE SIDED

Nominal Length (inch)	No. of Modules (full stretch)	Lumen	Wattage	Voltage	*Loading per 60W 12V Power Supply (Sticks)	Voltage	*Loading per 96W 24V Power Supply (Stick)
18	2	244	1.44	12V	41	24V	66
24	3	366	2.16	12V	27	24V	44
30	4	488	2.88	12V	20	24V	33
36	5	610	3.6	12V	16	24V	26
42	6	732	4.32	12V	13	24V	22
48	7	854	5.04	12V	11	24V	19
60	9	1098	6.48	12V	9	24V	14
64	10	1220	7.2	12V	8	24V	13
72	11	1342	7.92	12V	7	24V	12
84	13	1586	9.36	12V	6	24V	10
96	15	1830	10.8	12V	5	24V	8
108	17	2074	12.24	12V	4	24V	7
117	18	2196	12.96	12V	4	24V	7
120	19	2318	13.68	12V	4	24V	7

***Based on 100% loading (recommended 80%)**

MODIX 360

MD-2BXXX08

POPULATION GUIDELINES: DOUBLE SIDED

Nominal Length (inch)	No. of Modules (full stretch)	Lumen	Wattage	Voltage	*Loading per 60W 12V Power Supply (Sticks)	Voltage	*Loading per 96W 24V Power Supply (Sticks)
18	4	488	2.88	12V	20	24V	33
24	6	732	4.32	12V	13	24V	22
30	8	976	5.76	12V	10	24V	16
36	10	1220	7.2	12V	8	24V	13
42	12	1464	8.64	12V	6	24V	11
48	14	1708	10.08	12V	5	24V	9
60	18	2196	12.96	12V	4	24V	7
64	20	2440	14.4	12V	4	24V	6
72	22	2684	15.84	12V	3	24V	6
84	26	3172	18.72	12V	3	24V	5
96	30	3660	21.6	12V	2	24V	4
108	34	4148	24.48	12V	2	24V	3
117	36	4392	25.92	12V	2	24V	3
120	38	4636	27.36	12V	2	24V	3

***Based on 100% loading (recommended 80%)**



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SCAN HERE

For more information contact our customer service team or scan the QR code to visit our website

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cservice@allanson.com

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