

# LEDgen3

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**A NEW ERA OF LIGHTING**

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Tried · Trusted · True

*Ready to upgrade your  
lighting game? Discover the  
power of **LEDgen3** and  
transform your projects now!*

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Embrace the legacy of **Lighting Legends**, pioneering innovation and engineering excellence **since 1926**.

## ILLUMINATE YOUR WORLD WITH UNMATCHED EFFICIENCY & RELIABILITY

Discover Allanson's game-changing **NEW LEDgen3 range**, presenting a diverse array of premium LED module solutions. Immerse yourself in the brilliance of energy-efficient lighting that you can rely on. Engineered to deliver peak performance, our LEDgen3 modules offer unparalleled sustainability while providing radiant light with minimal power usage.

Designed for resilience, our CSA and cULus certified outdoor premium series modules ensure dependable operation even in the toughest weather conditions. Ideal for creating captivating architectural lighting and signage, our LED modules offer effortless peel-and-stick or screw installation, ensuring swift and hassle-free setup.

Model	Voltage	lm/watt	IP
RGB Addressable LED Module	12V	-	IP67
RGBW LED Module	12V	-	IP66
0.72W LED Module	12V	125	IP65
0.72W LED Module	12V/24V	165	IP67
1.4W LED Module	24V	170	IP68
1.08W LED Module	12V	170	IP68
0.7W LED Module	12V/24V	170	IP68
0.36W Micro LED Module	12V/24V	150	IP65



- Dependable **energy-efficient** illuminations
- **IP65 - IP68** options available for various environmental conditions
- **12V/24V** LEDs for flexible voltage needs
- Operating temperature: **-40°C to 60°C**
- Delivering **hotspot-free, uniform illumination** from wide expanses to compact areas
- Recommended depths range from **1.1" - 9.8"**
- **Built to last and easy to install**



# LEDgen3

## MODULE GUIDE

**Tailored Brilliance for Any Signage Depth:** Elevate your signage with LEDgen3's precision-engineered modules, meticulously crafted to suit signage of all depths. Illuminate your brand with unrivaled clarity and depth, showcasing your identity in its best light, regardless of scale.



### L307W3RGB12A RGB Addressable LED Module (12V)

- Color: Red, Green, and Blue
- 2.5 Modules/Foot
- 165° Beam Angle
- IP67 Rated
- 5 yrs Warranty

**Rec. Depth: 1.5" - 6"**



### L307W3RGBW12 RGBW LED Module (12V)

- Color: Red, Green, Blue, and White (7000K)
- 2.5 Modules/Foot
- 120° Beam Angle
- IP66 Rated
- 5 yrs Warranty

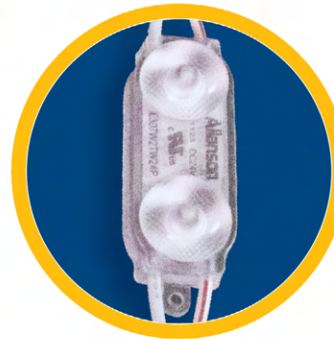
**Rec. Depth: 4" - 6"**



### L304W1TWXXM 0.36W Micro LED Module (12V/24V)

- Color/Temperature: 7000K
- 6 Modules/Foot
- 54 Lm/Module
- Efficiency - 150 Lm/W
- 168° x 147° Beam Angle
- IP65 Rated
- 5 yrs Warranty

**Rec. Depth: 1.1" - 3.1"**



### L307W2TWXXP 0.7W LED Module (12V/24V)

- Color/Temperature: 7000K
- 1.7 Modules/Foot
- 119 Lm/Module
- High efficiency - 170 Lm/W
- 170° Beam Angle
- IP68 Rated
- 7 yrs Warranty

**Rec. Depth: 2" - 6"**



### L311W3TW12P 1.08W LED Module (12V)

- Color/Temperature: 7000K
- 1.5 Modules/Foot
- 183.6 Lm/Module
- High efficiency - 170 Lm/W
- 170° Beam Angle
- IP68 Rated
- 7 yrs Warranty

**Rec. Depth: 3" - 7"**



### L307W2TW12G 0.72W LED Module (12V)

- Color/Temperature: 7000K
- 2 Modules/Foot
- 90 Lm/Module
- Efficiency - 125 Lm/W
- 165° Beam Angle
- IP65 Rated
- 3 yrs Warranty

**Rec. Depth: 2" - 6"**



### L314W4TW24P 1.4W LED Module (24V)

- Color/Temperature: 7000K
- 1.2 Modules/Foot
- 244.8 Lm/Module
- High efficiency - 170 Lm/W
- 170° Beam Angle
- IP68 Rated
- 7 yrs Warranty

**Rec. Depth: 4" - 8"**



### L307W2TWXXB 0.72W LED Module (12V/24V)

- Color/Temperature: 7000K
- 2 Modules/Foot
- 118.8 Lm/Module
- High efficiency - 165 Lm/W
- 170° Beam Angle
- IP67 Rated
- 5 yrs Warranty

**Rec. Depth: 2" - 9.8"**



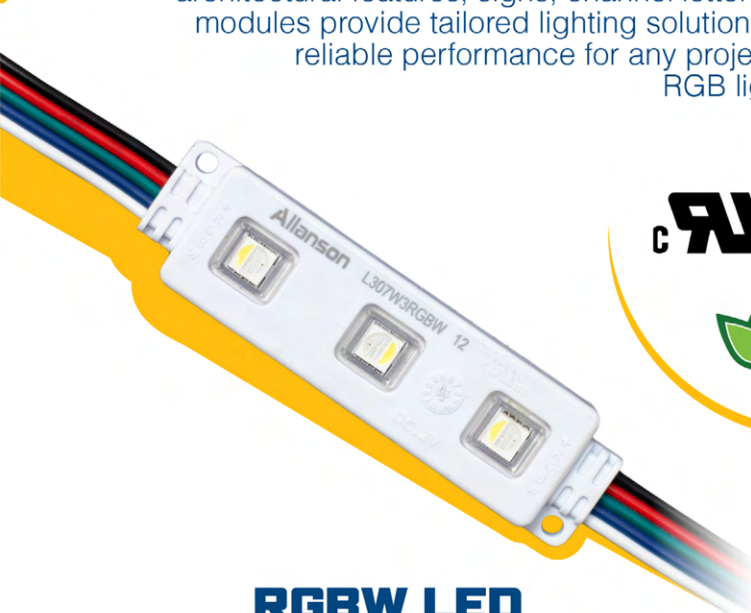
LEDgen3



ColorMix  
Lighting Solutions by Allanson

# Lighting Evolution Starts Here

Allanson's latest innovations in Colormix lighting: the **RGBW LED Module** and the **RGB Addressable LED Module**. These LEDgendary modules offer stunning color dynamics and individually addressable lighting effects. Designed for versatility, they are perfect for enhancing architectural features, signs, channel letters, and more! With customizable programming, these modules provide tailored lighting solutions to meet any and all demands, ensuring clear and reliable performance for any project. Elevate your lighting with these dynamic RGB lighting solutions.



## RGBW LED Module (12V)

L307W3RGBW12



Red, Green, Blue, White (7000K)



2.5 Modules/Foot



120° wide beam angle



0.96W Power Consumption



## RGB Addressable LED Module (12V)

L307W3RGB12A



Red, Green, Blue



2.5 Modules/Foot



165° wide beam angle



0.6W Power Consumption



**ColorMix**  
Lighting Solutions by Allanson

**Trust in LEDgen3's legacy of excellence.**  
Each module undergoes rigorous testing and quality control, ensuring unmatched reliability and performance. With CSA and cULus certifications, our outdoor premium series modules endure the harshest conditions, delivering consistent brilliance year after year.

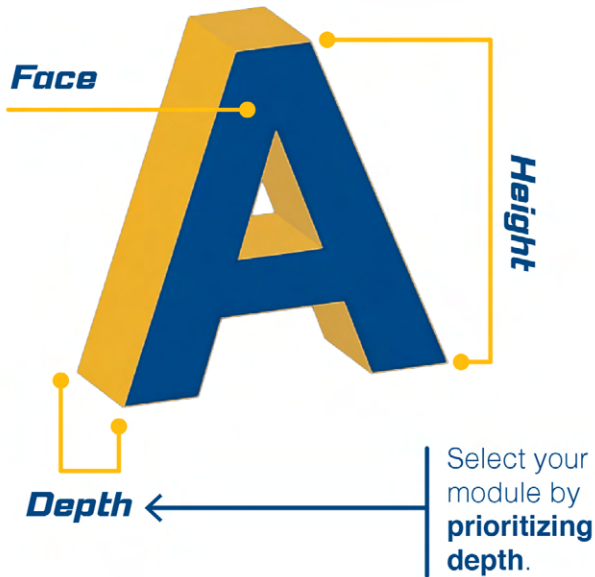
***Illuminate your vision today with LEDgen3 – experience the difference in lighting excellence!***

**UNCOMPROMISING  
QUALITY  
PROVEN  
RELIABILITY**



**ANGSTROM**  
160  
ENGINEERING





## Ideal Module: Thin Depth

L304W1TWXXM  
**0.36W Micro LED Module (12V/24V)**



With its compact design, this module delivers powerful brightness, **ideal for tight spaces** without compromising lighting quality.



Module #	L314W4TW24P	L311W3TW12P	L307W2TWXXP	L307W2TWXXB
Color	7000K	7000K	7000K	7000K
LED/Module	4	3	2	2
Module/Ft	1.2	1.5	1.7	2
Lm/Module	244.8	183.6	119	118.8
Lm/Ft	293.8	275.4	202.3	237.6
Lm/Watt	170	170	170	165
Beam Angle	170°	170°	170°	170°
Wattage	1.44W	1.08W	0.7W	0.72W
Input Voltage	24V	12V	12V & 24V	12V & 24V
Operating Temperature (°C)	-40°C ~ 60°C	-40°C ~ 60°C	-40°C ~ 60°C	-40°C ~ 60°C
IP Rating	IP68	IP68	IP68	IP67
Recommended Depth	4"-8"	3"-7"	2"-6"	2"-9.8"
Warranty	7 yrs	7 yrs	7 yrs	5 yrs

# Ideal LED Module for your Project

## Ideal Module: Medium Depth

L307W2TWXXP  
0.7W LED  
Module (12V/24V)



Despite its small size, this impressive LED provides ample brightness to **illuminate medium-depth spaces** efficiently and reliably.

## Ideal Module: Thick Depth

L307W2TWXXB  
0.72W LED  
Module (12V/24V)



Our most versatile LED illuminates signage from 2" to a **significant 9.8" depth**. Engineered for peak performance at any depth.



L307W2TW12G	L304W1TWXXM
7000K	7000K
2	1
2	6
90	54
180	324
125	150
165°	168° x 147°
0.72W	0.36W
12V	12V & 24V
-40°C ~ 60°C	-40°C ~ 60°C
IP65	IP65
2"-6"	1.1"-3.1"
3 yrs	5 yrs



Module #	L307W3RGBW12	L307W3RGB12A
Color	Red, Green, Blue, and White (7000K)	Red, Green, Blue
LED/Module	3	3
Module/Ft	2.5	2.5
Beam Angle	120°	165°
Wattage	0.96W	0.6W
Input Voltage	12V	12V
Operating Temperature (°C)	-40°C ~ 60°C	-40°C ~ 60°C
IP Rating	IP66	IP67
Recommended Depth	4"-6"	1.5"-6"
Warranty	5 yrs	5 yrs

# LEDgen3

CONTACT US

SCAN  
ME



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