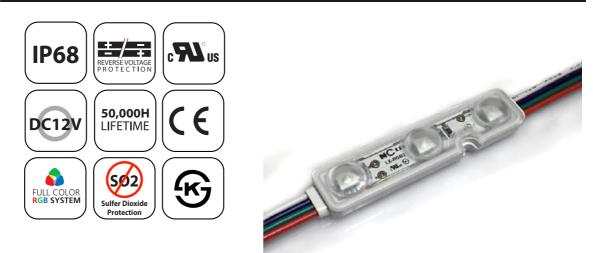
| Specifications | LX-RGB3-LW

Characteristic

Physical

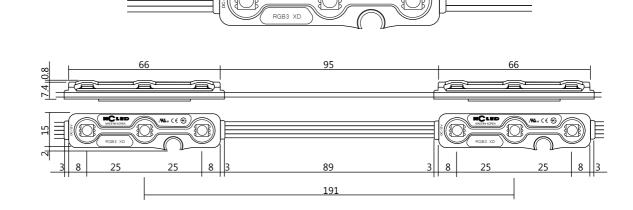


\cdot 3 Chips in 1 SMD LED lighting system creates 16-Million color

- · Specialized lens covered design for perfect humid & waterproof (IP68)
 - Protection from Sulfer Dioxide(SO2)
- · High luminosity & compact design
- · Guaranteed life time up to 50,000 hours
- *24 hour constant load may result less operating hours with lower lighting output. Estimated lifetime is based on normal usage
- \cdot SMD LED mounted (Made in Korea)
- · Slight current drop through wire to wire connection(vs soldering)
- · 120° viewing angle creates more uniform backlighting effects and better silhouettes

NCLEE

 \cdot Quality and reliability assured



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Length : 66mm Width : 15mm Thickness : 8.2mm Weight : 10g LED Pitch : 25mm Module Pitch : 191mm

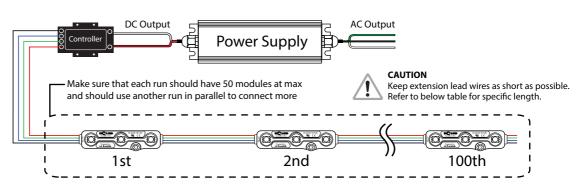
Optical Characteristic	Color	Luminous Flux(Im)	Luminance Efficiency(lm/W)	Dominant Wave Length & Color Temperature	Viewing Angle
		Typical	Typical	Typical	2 \overline{1/2}
	Red	6.3	26	625	120
	Green	12.6	53	537	120
	Blue	2.7	11	465	120
	White	21.6	30	-	120



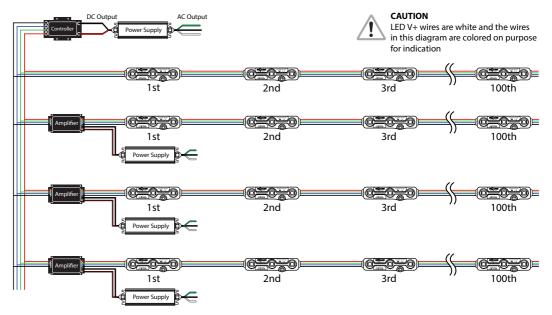
Specifications	LX-RGB3
Electrical Characteristics	Current dissipation : 60mA Power consumption : 0.72W Operating powewr : 12V Quantity for maximum connection in serial : 100 modules Color controller supported : Voltage controlled color change system
Thermal	Operating temperature : -20~60°C Storage temperature : -20~70°C
Waterproof Rating	IP68 : Complete protection against dust ingress and water
Construction LED type : SMD5050 Case materials : ABS, UL-94 Cable : UL-1007, AWG18x4C Cover materials : Polycabonate, UL-94	
Approval	UL Certified E347462 KS Certified

Wiring Guide

Single Controller



Parallel Connection with Signal Amplifiers



Specifications subject to change without notice



| Specifications | LX-RGB3

CONNECTION WITH POWER SUPPLY

EXTENSION OF POWER SUPPLY LEAD WIRES

Model Name	HMA-30N-R12	UP60S12TH	UP100S12W1	UP120S12WH	UP150S12W1
Output (W)	30W	60W	100W	120W	150W
Output (A)	2.5A	5A	8.4A	10A	12.5A
Max Q'TY per Run*	35pcs	70pcs	110pcs	140pcs	170pcs
Recommended Extension Wire	AWG18	AWG14	AWG12	AWG4	AWG2
Maximum Length	5M (15FT)	5M (15FT)	5M (15FT)	15M (50FT)	15M (50FT)

*Maximum quantity of LED is based on 80% of specifed capacity of power supplies for extended lifespan

Specifications subject to change without notice

