



## Applications

- Wide stroke channel letters
- Shallow to medium box signs
- Small to medium cloud signs
- Applications starting at 1.6" | 40 mm depth



## Ordering Information

Part number	White Color Temperature	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm) *		
			per Foot	per Meter	per Module	per Foot	per Meter
LS-U430-65K-B100-A	6500K	100	3	10	34	102	340
LS-U430-50K-B100-A	5000K	100	3	10	32	96	320
LS-U430-40K-B100-A	4000K	100	3	10	32	96	320
LS-U430-30K-B100-A	3000K	100	3	10	30	90	300

\* ±10%

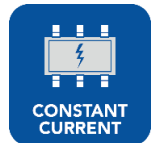
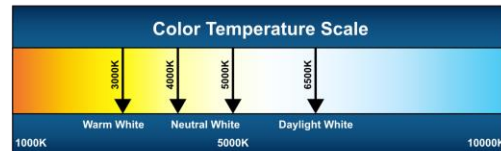
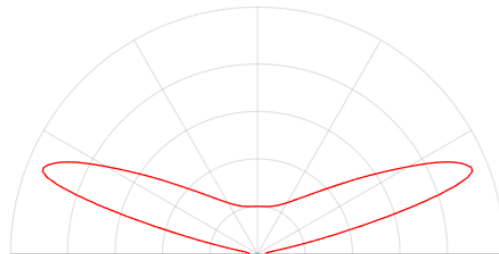


## Product Ratings

Luminous Efficacy	113 lm/W @ 6500K
Wattage per Module	0.30 W Nominal 0.32 W Maximum
Input Voltage	12 V DC
Input Current	0.025 A/ module
Power Supply Loading	184 modules per 60W
Ingress Protection	IP68
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
L70 Life time @ 60°C	50,000 hours
Warranty	5 Year limited

## Luminous Intensity Distribution

400 Series Batwing Beam Pattern



## Shipping Information

Module Type	Packaging Quantity			Carton Weight	Box Dimensions			Carton Dimensions			
	per Bag	per Box	per Carton		W	D	H	W	D	H	
					Modules						
LS-U430-xxx-B100-A	100	500	2000	Modules							
	32.8	164	656	Feet	22.1	10.6	4.5	31.0	23.1	9.9	Inch
	10.0	50	200	Meters	560	270	115	788	588	252	mm

## Layout Guide\*

Channel Depth (inch)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
1.6	5	4	3.5	3.5
2	6	5	4.5	4.25

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
40	125	100	90	90
50	150	125	115	110

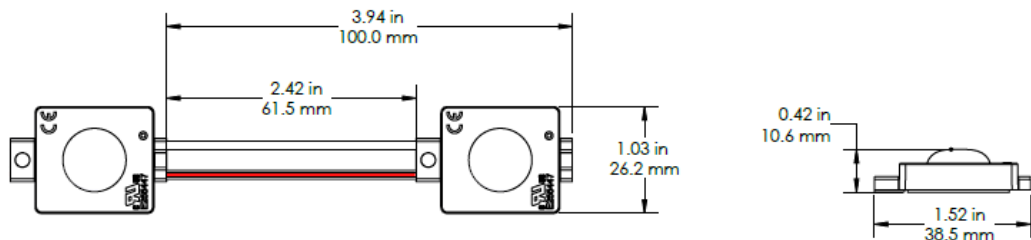
\* Module spacing is defined to achieve a minimum of 600 lux for a single row or 800 lux for multiple rows at sign face (7328 white)

## Power Supply Loading

	Module Type	LS-U430-xxx-B100-A			
	Power Supply	Max. # of Modules per Continuous String	Total # of Modules per Power Supply	Total # of Feet	Total # of Meters
UL CLASS 2	12 W	36	36	11.8	3.6
	15 W	45	46	15.1	4.6
	35 W	105	107	35.1	10.7
	60 W	175	184	60.4	18.4
	180 W*	175	552	181.2	55.2
UL CLASS 1	100 W	176	300	98.4	30.0
	150 W	176	450	147.6	45.0
	180 W	176	540	177.2	54.0
	220 W	176	660	216.5	66.0

Note 1. The number of modules in each of the parallel strings should not exceed the specified maximum.  
 2. \*3 – 60 Watt Channels

## Dimensions



NOTES: WIRE IS 18 AWG / 0.82mm<sup>2</sup>  
 RED STRIPE (+), WHITE (-)



1. UL ONLY - These products are only suitable for connection to a UL rated Class 2 power source rated 12 Volt or less.
2. UL ONLY - These products are intended for use only when connected to a power source that complies with UL rated Class 2 voltage and energy limited circuit.
3. UL ONLY - When these units are connected to a UL rated Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the UL rated Class 2 power supply.
4. These products may be secured in place in the end product by any means available.
5. These products are suitable for use in dry, damp, and wet locations. Not suitable for submersed applications.