



ULTRA Edge 1 modules feature a single powerful high-brightness LED with an edge beam pattern. Designed for 3-6 in. deep double-faced cabinet and box signs, the ULTRA Edge 1 module uses a 10x45° optical lens that focuses light so it can be placed on the edge of a cabinet up to 48 in. wide.

Features:

- 10x45° integrated optical lens
- 160-170 lumens per module
- 20 modules per string
- 7.28 in. (185 mm) spacing
- IP65 rating for outdoor use
- 3000K, 4000K available in black or white housing
- 6500K in white housing only



12V DC



5 YEAR LIMITED WARRANTY



CONSTANT CURRENT



50,000 HRS L70 LIFETIME

RoHS IP65 LM-79

ORDERING GUIDE

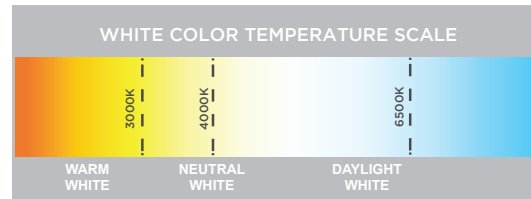
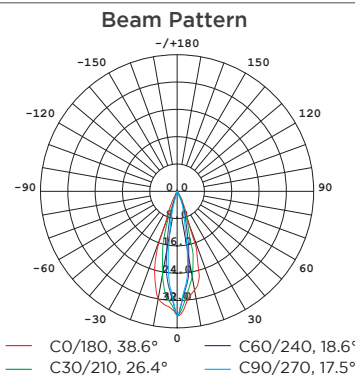
Part Number	White Color Temp.	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
			Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-EDGE1-65K-E185-W-A	6500K	185	2	6.6	160-170	340	1115
LS-EDGE1-40K-E185-W-A	4000K	185	2	6.6	160-170	340	1115
LS-EDGE1-30K-E185-W-A	3000K	185	2	6.6	160-170	340	1115
LS-EDGE1-40K-E185-B-A	4000K	185	2	6.6	160-170	340	1115
LS-EDGE1-30K-E185-B-A	3000K	185	2	6.6	160-170	340	1115

* ± 10%

PRODUCT RATINGS

Luminous Efficacy	85 lm/W @ 6500K
Wattage per Module	2.0 W
Input Voltage	12 V DC
Input Current	0.167 A/ module
Power Supply Loading	27 modules per 60 W
Ingress Protection	IP65
Operating Temperature	-40° - +140° F (-40° - +60° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION



MODULE DIMENSIONS

Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-EDGE1-XXK-E185-X-A	2.05/52.1	1.18/30	0.56/14.2



POWER SUPPLY LOADING

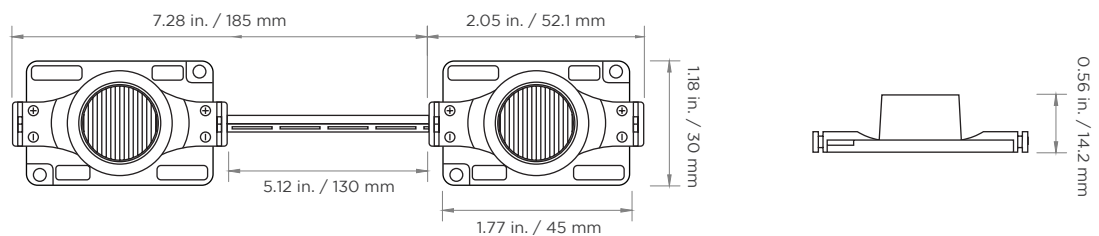
LS-EDGE1-XXK-E185-X-A					
	Power Supply	Max. # of Modules Per Continuous String	Total # of Modules Per Power Supply ¹	Total # of Feet	Total # of Meters
UL CLASS 2	12 W	5	5	3	0.91
	15 W	7	7	4.23	1.29
	35 W	16	16	9.65	2.94
	60 W	20	27	16.3	4.96
	180 W ²	20	81	48.9	14.9
UL CLASS 1	100 W	20	45	27.2	8.27
	150 W	20	68	41	12.5
	180 W	20	81	48.9	14.9
	220 W	20	100	60.3	18.4

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

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity			Carton Weight	Box Dimensions			Carton Dimensions										
		Per Bag	Per Box	Per Carton		W	D	H	W	D	H								
LS-EDGE1-XXK-E185-X-A	Modules	40	40	800	34.0 lb 15.4 kg	6.89	9.45	2.83	15.7	21.7	13.4	inch							
	Feet	24.87	24.87	497.38									175	240	72	400	550	340	mm
	Meters	7.58	7.58	151.60															

DIMENSION DRAWING



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.

<p>GLOBAL HQ 320 Murray Hill Pkwy East Rutherford, NJ 07073 T: (+1) 212 629 6830 E: Sales-US@GENLEDBrands.com</p>	<p>EUROPEAN HQ De Corridor 16K 3621ZB Breukelen Netherlands T: (+31) 346 235 000 E: SalesEurope@GENLEDBrands.com</p>	<p>MEINA HQ PO Box 371378, #823, Building 4EA Dubai Airport Free Zone, Dubai, UAE T: (+971) 4 701 7901 E: SalesMEINA@genlebrands.com</p>	<p>ASIA-PACIFIC HQ Room 402, Building D Shenshi Tongchuang Science and Technology Park No. 16 Hongyin Road Xingqiang Community, Xinhui Street Guangming District, Shenzhen, China 518107 Sales: (+86) 139 1836 3905 Office: (+86) 755 8529 0710 E: Sales-Pacific@GENLEDBrands.com</p>
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