



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

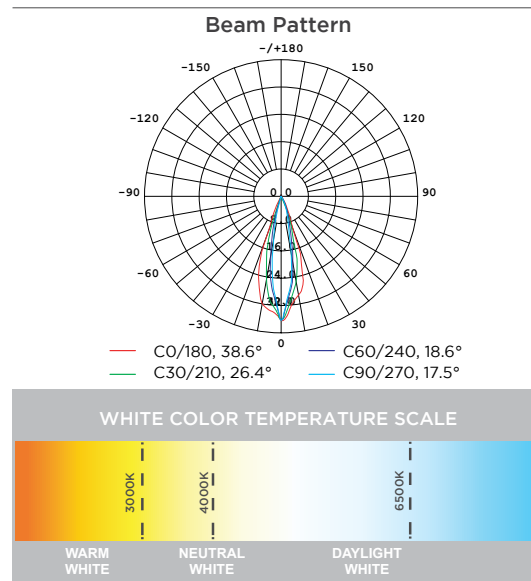
Part Number	White Color Temp.	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
			Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-EDGE1-65K-E185-W-A	6500K	185	2	6.6	160-170	340	1115
LS-EDGE1-40K-E185-W-A	4000K	185	2	6.6	160-170	340	1115
LS-EDGE1-30K-E185-W-A	3000K	185	2	6.6	160-170	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 VDC
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)
Lifetime (L70 reported)	50,000 hours @ 60 °C
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

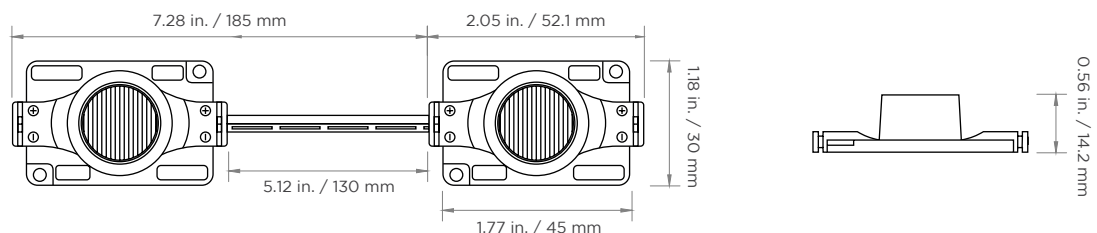
LS-EDGE1-XXK-E185-X-A					
	Power Supply	Max. # of Modules Per Continuous String	Total # of Modules Per Power Supply ¹	Total # of Feet	Total # of Meters
UL CLASS 2	12 W	5	5	3	0.91
	15 W	7	7	4.23	1.29
	36 W	16	16	9.65	2.94
	60 W	20	27	16.3	4.96
	180 W ²	20	81	48.9	14.9
UL CLASS 1	100 W	20	45	27.2	8.27
	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	Carton Dimensions			
		Per Bag	Per Carton		W	D	H	
LS-EDGE1-XXK-E185-X-A	Modules	40	800	28.7 lb	15.7	21.7	13.4	inch
	Feet	23.67	484.83	13 kg	400	550	340	mm
	Meters	7.215	147.815					

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.

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