



LYTERAYZ™ SERIES

SPECIFICATION SHEETS BROCHURE



GENLED AGILIGHT® UNVEILS THE INNOVATIVE LYTERAYZ™ SERIES

LYTERAYZ™ - The Versatile and Efficient Signage Solution

LYTERAYZ™ SERIES is a new family of modules from GENLED AgiLight™ that offers the best in class performance and is the most cost competitive module series in the industry. LyteRayz™ comes in four (4) different sizes and two (2) different colors. It has a lumen output range of 122 to 282 lumens per foot and is super energy efficient, producing over 145+ lumens per watt. With its wide-angle lens and overmolded design, LyteRayz™ is your answer for all signage applications.

PRODUCTS

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▶ LYTERAYZ™ SERIES | LRZ1

LS-LRZ1-XXK-B125-A

LYTERAYZ™ SERIES

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 2" (50 mm) depth



ORDERING GUIDE

Part Number	White Color Temp.	LEDs per Module	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
				Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-LRZ1-75K-B125-A	7500K	1	125	2.4	8	50	122	400
LS-LRZ1-65K-B125-A	6500K	1	125	2.4	8	50	122	400
LS-LRZ1-50K-B125-A	5000K	1	125	2.4	8	50	122	400

MODULE DIMENSIONS

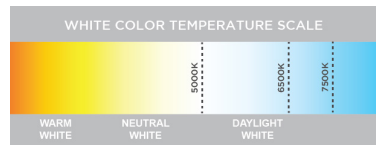
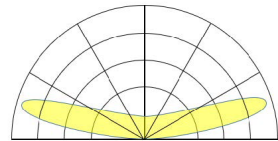
Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-LRZ1-xxK-B125-A	1.44/36	0.66/17	0.33/8

PRODUCT RATINGS

Luminous Efficacy	147 lm/W @ 7500K
Wattage per Module	0.34 W/module
Input Voltage	12 V DC
Input Current	28 mA
Power Supply Loading	175 modules per 60W
Ingress Protection	IP66
Operating Temperature	-13° - +131° F (-25° - +55° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION

175° Beam Pattern



1. UL ONLY - These products are only suitable for connection to an 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 and damp locations. Not suitable for wet or submersed applications.



POWER SUPPLY LOADING

Module Type	per 60W			
	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
LS-LRZ1-xxK-B125-A	75	175	71.8	21.9

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
2	6	5	2	2
3	8	5	4	4
4	12	5	7	5

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
50	150	125	50	50
75	200	125	100	100
100	300	125	175	125

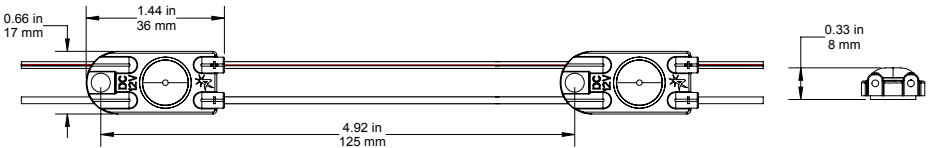
*Module spacing is defined by 7328 white sign face material

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-LRZ1-xxK-B125-A	Modules	200	1200	2400
	Feet	82	984	1968
	Meters	25	300	600

Carton Dimensions				Carton Weight	Box Dimensions			Box Weight
L	W	H	in.		L	W	H	
20.5	14.6	10.2	in.	18.5 kg (40.8 lbs)	12.2	9.06	2.56	in.
520	370	260	mm		310	230	65	

DIMENSION DRAWING



▶ LYTERAYZ™ SERIES | LRZ2

LS-LRZ2-XXK-B175-A

LYTERAYZ™ SERIES

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 3" (75 mm) depth



ORDERING GUIDE

Part Number	White Color Temp.	LEDs per Module	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
				Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-LRZ2-75K-B175-A	7500K	2	175	1.7	5.7	95	166	543
LS-LRZ2-65K-B175-A	6500K	2	175	1.7	5.7	95	166	543
LS-LRZ2-50K-B175-A	5000K	2	175	1.7	5.7	95	166	543

MODULE DIMENSIONS

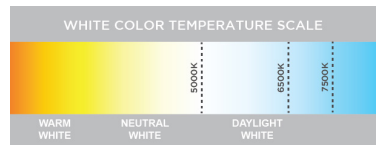
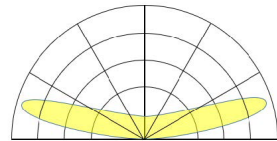
Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-LRZ2-xxK-B175-A	2.38/60	0.66/17	0.33/8

PRODUCT RATINGS

Luminous Efficacy	156 lm/W @ 7500K
Wattage per Module	0.61 W/module
Input Voltage	12 V DC
Input Current	50 mA
Power Supply Loading	96 modules per 60W
Ingress Protection	IP66
Operating Temperature	-13° - +131° F (-25° - +55° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION

175° Beam Pattern



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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 and damp locations. Not suitable for wet or submersed applications.



POWER SUPPLY LOADING

Module Type	per 60W			
	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
LS-LR22-xxK-B175-A	40	96	55.1	16.8

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
3	8	7	4	4
4	12	7	7	6
5	16	7	10	7
6	18	7	10	7

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
75	200	175	100	100
100	300	175	175	150
125	400	175	250	175
150	450	175	250	175

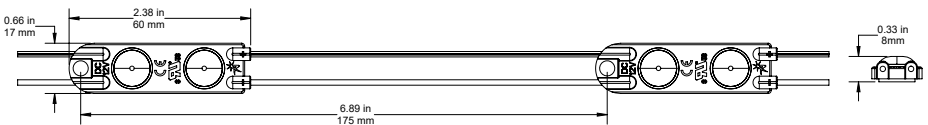
*Module spacing is defined by 7328 white sign face material

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-LR22-xxK-B175-A	Modules	100	800	1600
	Feet	57.4	459	918
	Meters	17.5	140	280

Carton Dimensions			Carton Weight	Box Dimensions			Box Weight
L	W	H		L	W	H	
20.5	14.6	10.2	19.0 kg (41.9 lbs)	12.2	9.06	2.56	9.0 kg (19.8 lbs)
520	370	260		310	230	65	

DIMENSION DRAWING



▶ LYTERAYZ™ SERIES | LRZ3

LS-LRZ3-XXK-B200-A

LYTERAYZ™ SERIES

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 3" (75 mm) depth



ORDERING GUIDE

Part Number	White Color Temp.	LEDs per Module	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
				Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-LRZ3-75K-B200-A	7500K	3	200	1.5	5	140	213	700
LS-LRZ3-65K-B200-A	6500K	3	200	1.5	5	140	213	700
LS-LRZ3-50K-B200-A	5000K	3	200	1.5	5	140	213	700

MODULE DIMENSIONS

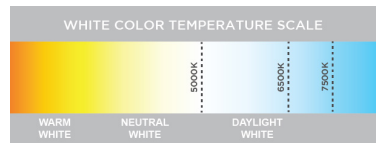
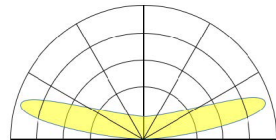
Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-LRZ3-xxK-B200-A	3.32/84	0.66/17	0.33/8

PRODUCT RATINGS

Luminous Efficacy	146 lm/W @ 7500K
Wattage per Module	0.96 W/module
Input Voltage	12 V DC
Input Current	80 mA
Power Supply Loading	62 modules per 60W
Ingress Protection	IP66
Operating Temperature	-13° - +131F (-25° - +55° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION

175° Beam Pattern



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POWER SUPPLY LOADING

Module Type	per 60W			
	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
LS-LRZ3-xxK-B200-A	25	62	40.7	12.4

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
3	8	8	4	4
4	12	8	7	6
5	16	8	10	8
6	18	8	12	8
7	22	8	12	8

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
75	200	200	100	100
100	300	200	175	150
125	400	200	250	200
150	450	200	300	200
175	550	200	300	200

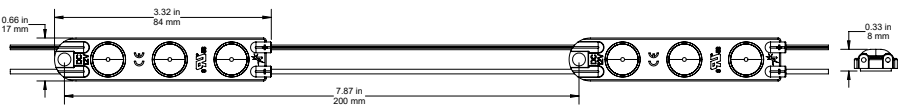
*Module spacing is defined by 7328 white sign face material

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-LRZ3-xxK-B200-A	Modules	60	600	1200
	Feet	39.4	394	787
	Meters	12	120	240

Carton Dimensions			Carton Weight	Box Dimensions			Box Weight
L	W	H		L	W	H	
20.5	14.6	10.2	20.0 kg (44.1 lbs)	12.2	9.06	2.56	9.5 kg (20.9 lbs)
520	370	260		310	230	65	

DIMENSION DRAWING



▶ LYTERAYZ™ SERIES | LRZ4

LS-LRZ4-XXK-B200-A

LYTERAYZ™ SERIES

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 3" (75 mm) depth



ORDERING GUIDE

Part Number	White Color Temp.	LEDs per Module	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
				Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-LRZ4-75K-B200-A	7500K	4	200	1.5	5	185	282	925
LS-LRZ4-65K-B200-A	6500K	4	200	1.5	5	185	282	925
LS-LRZ4-50K-B200-A	5000K	4	200	1.5	5	185	282	925

MODULE DIMENSIONS

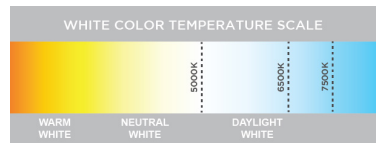
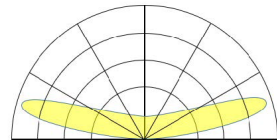
Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-LRZ4-xxK-B200-A	2.32/59	1.52/39	0.33/8

PRODUCT RATINGS

Luminous Efficacy	149 lm/W @ 7500K
Wattage per Module	1.24 W/module
Input Voltage	12 V DC
Input Current	103 mA
Power Supply Loading	48 modules per 60W
Ingress Protection	IP66
Operating Temperature	-13° - +131F (-25° - +55° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION

175° Beam Pattern



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POWER SUPPLY LOADING

Module Type	per 60W			
	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
LS-LRZ4-xxK-B200-A	20	48	31.5	9.6

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
3	8	8	4	4
4	12	8	7	6
5	16	8	10	8
6	18	8	12	8
7	22	8	12	8
8	24	8	18	8

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
75	200	200	100	100
100	300	200	175	150
125	400	200	250	200
150	450	200	300	200
175	550	200	300	200
200	610	200	450	200

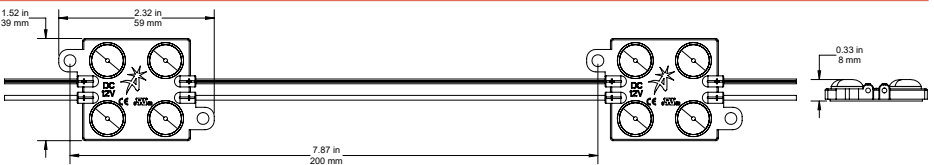
*Module spacing is defined by 7328 white sign face material

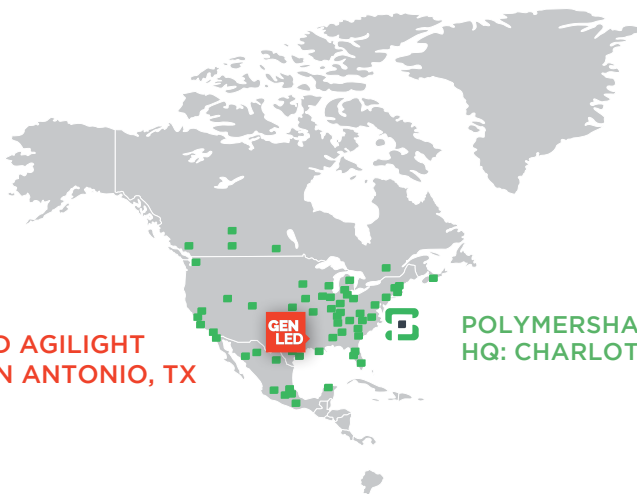
SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-LRZ4-xxK-B200-A	Modules	50	450	900
	Feet	32.8	295	590
	Meters	10	90	180

Carton Dimensions			Carton Weight	Box Dimensions			Box Weight
L	W	H		L	W	H	
20.5	14.6	10.2	17.0 kg (37.5 lbs)	12.2	9.06	2.56	8.0 kg (17.6 lbs)
520	370	260		310	230	65	

DIMENSION DRAWING





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CHARLOTTE, NC

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* Speak to a representative for Mexico & South America locations



SAN ANTONIO, TX

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