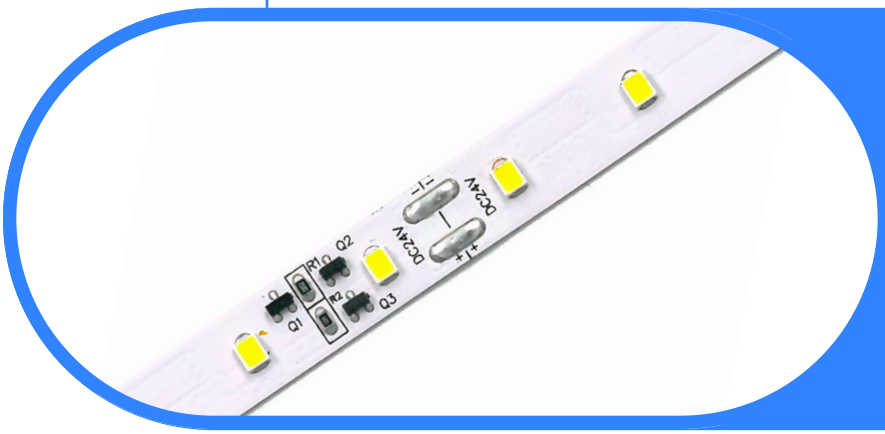
Complete Specification Sheet

Max™ 100

LINEAR LED



Max™ 100

Long Distance Linear LED Lighting

RoHS COMPLIANT | 24V DC | Dry Rated | Wet Rated | Field Cuttable

Specifications

Category	Linear LED
Series	Max
Family	100
Watts per Foot	0.9W/ft
Diode	Epistar 3528
CRI	90+ (White)
CCT Options	3000K
Input Voltage	24V DC
Width	0.37in (10.0mm)
Height	0.06in (1.3mm)
Width w/ Jacket	0.50in (13.0mm)
Height w/ Jacket	0.25in (6.0mm)
Width w/ End Cap	0.56in (15.0mm)
Height w/ End Cap	0.37in (9.0mm)
Cut Intervals	3.94in (100.0mm)
Beam Angle	120°
Lumens per Foot	117 - 137 lm/ft
Life Expectancy	50,000 Hour Life Expectancy
Operating Temp.	-4°F (-20°C) to 140°F (60°C)
Dimming Options	Triac, Hi-lume

Features

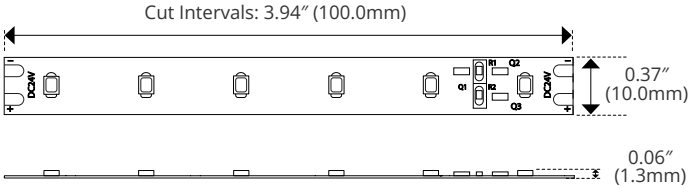
- Max Run Length Up to 100ft per Power Feed
- 90+ CRI
- Dimmable
- 50,000 Hour Life Expectancy
- 5-Year Warranty
- 3M™ Industrial Adhesive Backing
- For Use with 24V Power Supplies

Description

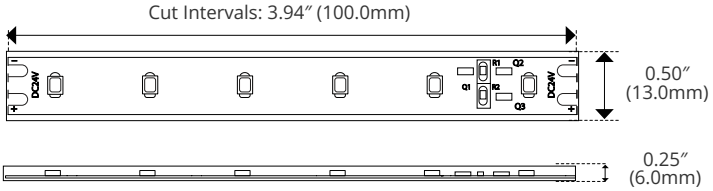
Max 100 is an industry first. Powered at a single end, Max 100 is capable of run lengths up to 100 feet. This is a great product for retrofits when power source locations are limited.

Dimensions

INDOOR



OUTDOOR



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.

Fixture Type _____

Project Name _____

Location _____

Product Code Builder

Max™ 100

LINEAR LED

Product Code Builder

Example: M27K-24V

INDOOR PRODUCT		VOLTAGE
M27K	Max 100 2700K	24V DC
M30K	Max 100 3000K	
M35K	Max 100 3500K	
M40K	Max 100 4000K	
M50K	Max 100 5000K	

Example: M27K-WR-24V

OUTDOOR PRODUCT		ENVIRONMENT	VOLTAGE
M27K	Max 100 2700K	Outdoor	24V DC
M30K	Max 100 3000K		
M35K	Max 100 3500K		
M40K	Max 100 4000K		
M50K	Max 100 5000K		

LUMEN DATA

	M27K	M30K	M35K	M40K	M50K
Temp/Color (Kelvin)	2700K	3000K	3500K	4000K	5000K
Lumens (lm/ft)	117	122	126	132	137

POWER CHART

Length	Watts	Length	Watts	Length	Watts	Length	Watts
1 ft	0.94	**26 ft**	24.4	**51 ft**	47.9	**76 ft**	71.4
2 ft	1.88	**27 ft**	25.4	**52 ft**	48.9	**77 ft**	72.4
3 ft	2.82	**28 ft**	26.3	**53 ft**	49.8	**78 ft**	73.3
4 ft	3.76	**29 ft**	27.3	**54 ft**	50.8	**79 ft**	74.3
5 ft	4.7	**30 ft**	28.2	**55 ft**	51.7	**80 ft**	75.2
6 ft	5.64	**31 ft**	29.1	**56 ft**	52.6	**81 ft**	76.1
7 ft	6.58	**32 ft**	30.1	**57 ft**	53.6	**82 ft**	77.1
8 ft	7.52	**33 ft**	31	**58 ft**	54.5	**83 ft**	78
9 ft	8.46	**34 ft**	32	**59 ft**	55.5	**84 ft**	79
10 ft	9.4	**35 ft**	32.9	**60 ft**	56.4	**85 ft**	79.9
11 ft	10.3	**36 ft**	33.8	**61 ft**	57.3	**86 ft**	80.8
12 ft	11.3	**37 ft**	34.8	**62 ft**	58.3	**87 ft**	81.8
13 ft	12.2	**38 ft**	35.7	**63 ft**	59.2	**88 ft**	82.7
14 ft	13.2	**39 ft**	36.7	**64 ft**	60.2	**89 ft**	83.7
15 ft	14.1	**40 ft**	37.6	**65 ft**	61.1	**90 ft**	84.6
16 ft	15	**41 ft**	38.5	**66 ft**	62	**91 ft**	85.5
17 ft	16	**42 ft**	39.5	**67 ft**	63	**92 ft**	86.5
18 ft	16.9	**43 ft**	40.4	**68 ft**	63.9	**93 ft**	87.4
19 ft	17.9	**44 ft**	41.4	**69 ft**	64.9	**94 ft**	88.4
20 ft	18.8	**45 ft**	42.3	**70 ft**	65.8	**95 ft**	89.3
21 ft	19.7	**46 ft**	43.2	**71 ft**	66.7	**96 ft**	90.2
22 ft	20.7	**47 ft**	44.2	**72 ft**	67.7	**97 ft**	91.2
23 ft	21.6	**48 ft**	45.1	**73 ft**	68.6	**98 ft**	92.1
24 ft	22.6	**49 ft**	46.1	**74 ft**	69.6	**99 ft**	93.1
25 ft	23.5	**50 ft**	47	**75 ft**	70.5	**100 ft**	94

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Fixture Type _____

Project Name _____

Location _____