

Project	Type
Catalog Number	

LinearStar

Outdoor Sign Lighting and Wall Washer

National LED's LinearStar is a linear outdoor rated LED fixture perfect for front lighting signs or wall washing applications. Available in 1' and 4' sections, the LinearStar provides scalability for sign or wall lengths ranging from 4' to any length. Its specialized optics are designed to project light evenly along the height and length of a wall or sign.



Features

- Outdoor linear fixture that evenly illuminates flat and embossed surfaces
- Special refractive optics allow close proximity placement of the fixture to the target surface
- Powered by remote 100W Class 2 outdoor rated LED driver(s)
- Linearly scalable and available in 1' and 4' sections
- Easily serviceable - intermediate units replaceable without disturbing adjacent units
- Mounts above target illuminating surface facing down
- Adjustable swivel head to optimize illumination to target surface or fixed head for installation simplicity
- Full cut-off operation with 18°, 22°, and 27° preset angles
- 10-year warranty

Certifications

- UL Recognized (E324062)

Specifications

Spec Type	1-Ft	4-Ft
Dimensions	12" x 3" x 2"	48" x 3" x 2"
Units/Carton	1	1
Net Weight	0.3 lbs.	1.20 lbs.
Environmental Rating	Wet	Wet

Energy Data

Spec Type	1-Ft	4-Ft
Input Voltage (VDC)	120-277	120-277
System Level Power (W)	4.2	16.8
Module Level Power (W)	3.7	14.8
Delivered Lumens (Lm)	340	1,350
Module Efficacy (Lm/W)	92	92
Color Temperature (K)	5,000	5,000
Color Rendering Index (CRI)	80 min	80 min
L70 Calculated Life (Hrs.) ¹	163,000	163,000
L85 Calculated Life (Hrs.) ¹	82,000	82,000
Operating Temperature (Degrees C)	-40 to 45	-40 to 45

Driver Ordering Information

Part Number	Description
PSH1-1-A-O-W-4	White outdoor 100W LED driver

Driver Loading Specifications

Maximum Feet Per 100W Driver
Maximum of 25 feet per single 100W LED driver, powered at one end
Maximum of 50 feet per two 100W LED drivers, powered at both ends

Power Cable Ordering Information

Part Number	Description
PSC1-2-B-10	10-ft outdoor rated power cable
PSC1-2-B-20	20-ft outdoor rated power cable

Mount Arm Ordering Information

Series	Variant	Mount Color	Angle
SMT1	1 - <i>Standard Mount</i>	BK - Black SL - Silver	18 - 18 Degrees [6' to 10'] 22 - 22 Degrees [4' to less than 6'] 27 - 27 Degrees [2' to less than 4'] V - (Variable) [2' to 10']

Ordering Information

Series	Variant	Power	Mount Color	Length	CCT	CRI	Location
SKT1	1 - <i>Standard Fixture</i>	37	BK - Black SL - Silver	1 - 1 foot 4 - 4 feet	50 - 5000K	80 - 80 min	L - Left R - Right C - Center S - Single ²

Example: SKT1-1-37-BK-1-50-80-L

1. Product "Lifetimes" refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25-Degree Celsius / 77-Degree Fahrenheit ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

2. Has end caps on both ends