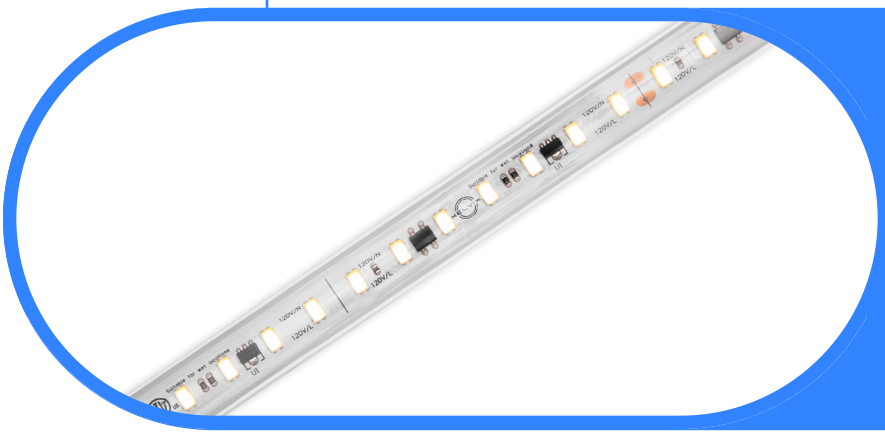
Complete Specification Sheet

Orex™ 120V Static White

LINEAR LED



Orex™ 120V Static White

Line Voltage Linear LED Tape

RoHS COMPLIANT | ETL LISTED US | Wet Rated | 120V AC

Specifications

Category	Linear LED
Series	Orex 120V
Family	Static White
Watts Per Foot	250 lm/ft = 3W/ft, 500 lm/ft = 6W/ft
Environment	IP65
CRI	90+
CCT Options	2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K
Input Voltage	120V AC
Width	0.75in (19.0mm)
Height	0.51in (13.0mm)
Max Run Length	250 lm/ft = 120ft, 500 lm/ft = 100ft
Cut Intervals	3.00″ (76.0mm)
Beam Angle	120°
Operating Temp.	-4°F (-20°C) to 107°F (42°C)
Dimming Options[1]	0–10V (with LCX-1041), Triac, and ELV

[1]Consult Factory for Dimmer Specific Compatibility

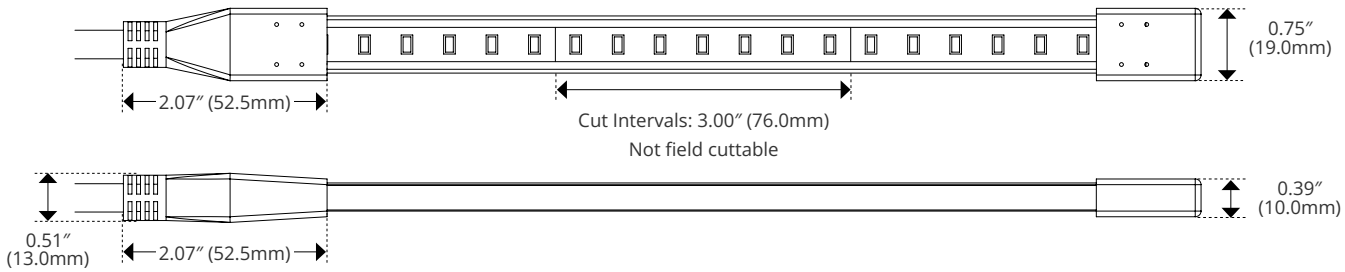
Features

- 120V Line Voltage
- Integral AC/DC Rectifier
- ETL, Triac, 0–10V (with LCX-1041)
- Hardwire or Plug-in Installation
- IP65

Description

Offering up to 500 lumens per foot, Orex is a simple indoor/outdoor line voltage solution to long run lengths requiring high output levels.

Dimensions



Kelvix reserves the right to update the product specifications at any time. Field modifications will void ETL listing and warranty.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Product Code Builder

Orex™ 120V Static White

LINEAR LED

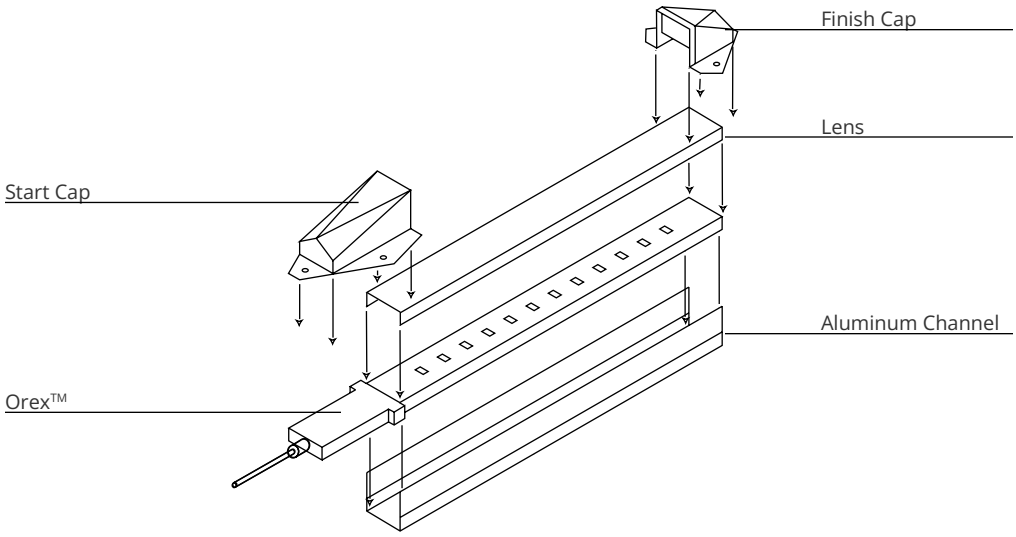
Product Code Builder

Example: RX-27K-250-HW72-120V-XX

SERIES	CCT		OUTPUT		POWER FEED		VOLTAGE	LENGTH	
RX							120V		
Orex	24K	2400K	250	250 lm/ft	HW72	72in Hardwire	120V AC	XX	Customer specific length
	27K	2700K	500	500 lm/ft	HW240	240in Hardwire			
	30K	3000K			PL72	73in Plug-in			
	35K	3500K			PL144	144in Plug-in			
	40K	4000K							
	50K	5000K							
	65K	6500K							

PRODUCT DATA

	Configuration	2400K	2700K	3000K	3500K	4000K	5000K	6500K
Orex 250	Tape Only	222	251	256	263	268	276	279
	Tape, Channel, & Flat Lens	124	140	142	147	150	154	155
	Tape, Channel, & Square Lens	120	135	138	142	145	149	150
Orex 500	Tape Only	412	464	473	487	497	511	516
	Tape, Channel, & Flat Lens	237	267	272	281	286	294	297
	Tape, Channel, & Square Lens	245	275	281	290	295	304	306
% Difference from 30K	--	87%	98%	100%	103%	105%	108%	109%



Kelvix reserves the right to update the product specifications at any time. Field modifications will void ETL listing and warranty.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

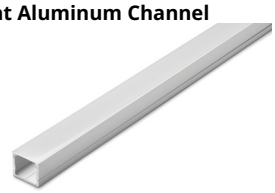
Aluminum Mounting Options

Orex™ 120V Static White

Mounting Options

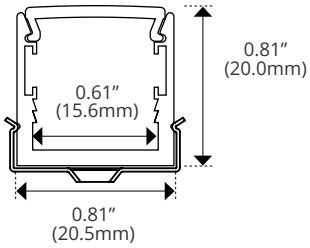
Aluminum mouting options are not compatible with plastic mounting options

Flat Aluminum Channel



RX-CH-TL-2-FL	
Length	78.74in (2m)
Width	0.81in (20.5mm)
Height	0.81in (20.5mm)
Internal Width	0.61in (15.6mm)
Light Transmission	57%

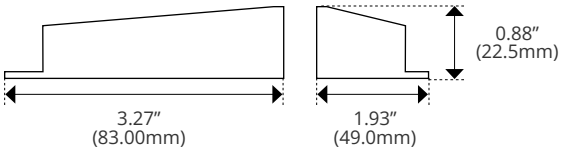
Includes 1 set of end caps, 5 mounting clips, and flat pixel free lens.



Flat Channel End Cap



RX-EC-FL-SD	
Start Cap Length	3.27in (83.0mm)
Finish Cap Length	1.93in (49.0mm)
Width	1.89in (47.95mm)
Height	0.88in (22.5mm)

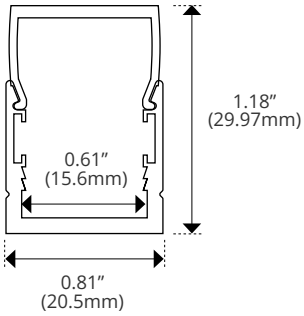


Square Aluminum Channel



RX-CH-TL-2-SQ	
Length	78.74in (2m)
Width	0.81in (20.5mm)
Height	1.18″ (29.97mm)
Internal Width	0.61in (15.6mm)
Light Transmission	57%

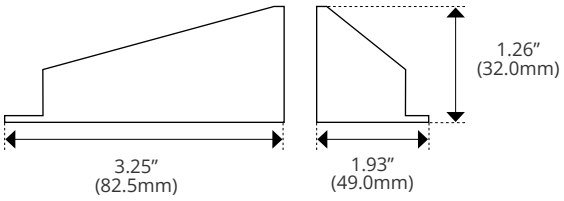
Includes 1 set of end caps, 5 mounting clips, and flat pixel free lens.



Square Channel End Cap



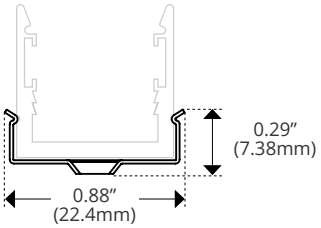
RX-EC-SQ-SD	
Start Cap Length	3.25in (82.5mm)
Finish Cap Length	1.93in (49.0mm)
Width	1.89in (47.95mm)
Height	1.26in (32.0mm)



Stainless Steel Clip



RX-CH-TL-PAK-M	
Length	0.88in (22.4mm)
Width	0.79in (20.0mm)
Height	0.29in (7.38mm)



Kelvix reserves the right to update the product specifications at any time. Field modifications will void ETL listing and warranty.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

Plastic Mounting Options

Orex™ 120V Static White

Mounting Options

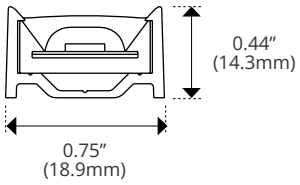
Plastic mouting options are not compatible with aluminum mounting options

Plastic Mounting Base



RX-CH-PL-2M

Length	78.74in (2m)
Width	0.75in (18.9mm)
Height	0.44in (14.3mm)



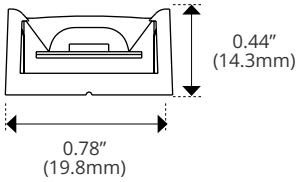
Mounting Clip



RX-CLP-F1-PAK-P

Length	0.56in (15.0mm)
Width	0.78in (19.8mm)
Height	0.44in (14.3mm)

Pack of 10 Units



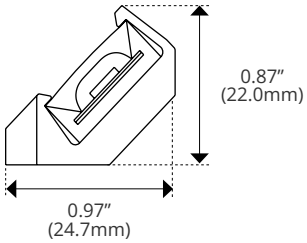
45° Mounting Clip



RX-CLP-A1-PAK-P

Length	0.78in (19.7mm)
Width	0.97″ (24.7mm)
Height	0.87in (22.0mm)

Pack of 10 Units



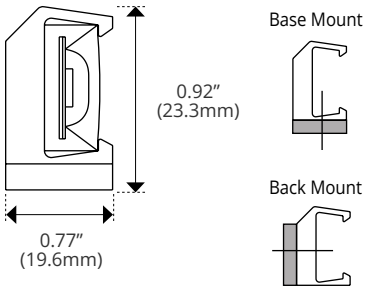
90° Mounting Clip



RX-CLP-V1-PAK-P

Length	0.77in (19.6mm)
Width	0.52in (13.3mm)
Height	0.92in (23.3mm)

Pack of 10 Units



Kelvix reserves the right to update the product specifications at any time. Field modifications will void ETL listing and warranty.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

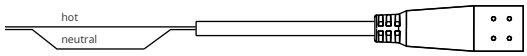
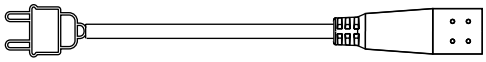
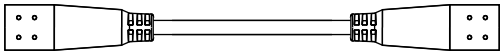
Project Name _____

Location _____

Power Feed Details

Orex™ 120V Static White

Factory Molded Power Feeds and Connectors

IMAGE	DETAILS	DIAGRAM
Hardwire Power Feed	**Parent Part number**	
	**HW72** — **HW240**	
Plug-in Power Feed	**Parent Part number**	
	**PL72** — **PL144**	
Jump Cables	Available Upon Request	
		

Fixture Type _____

Project Name _____

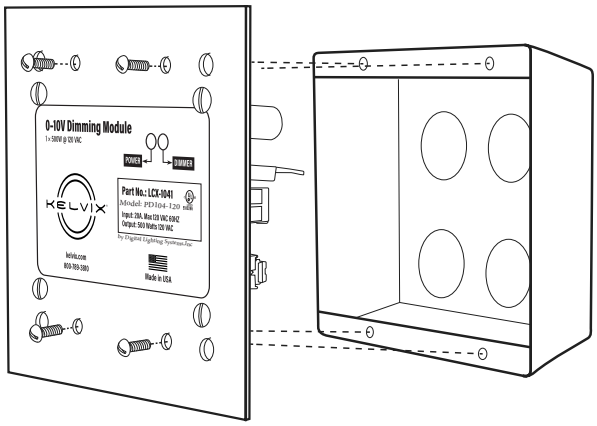
Location _____

Power Details

Orex™ 120, Title 24

Power Supply Details

DETAILS



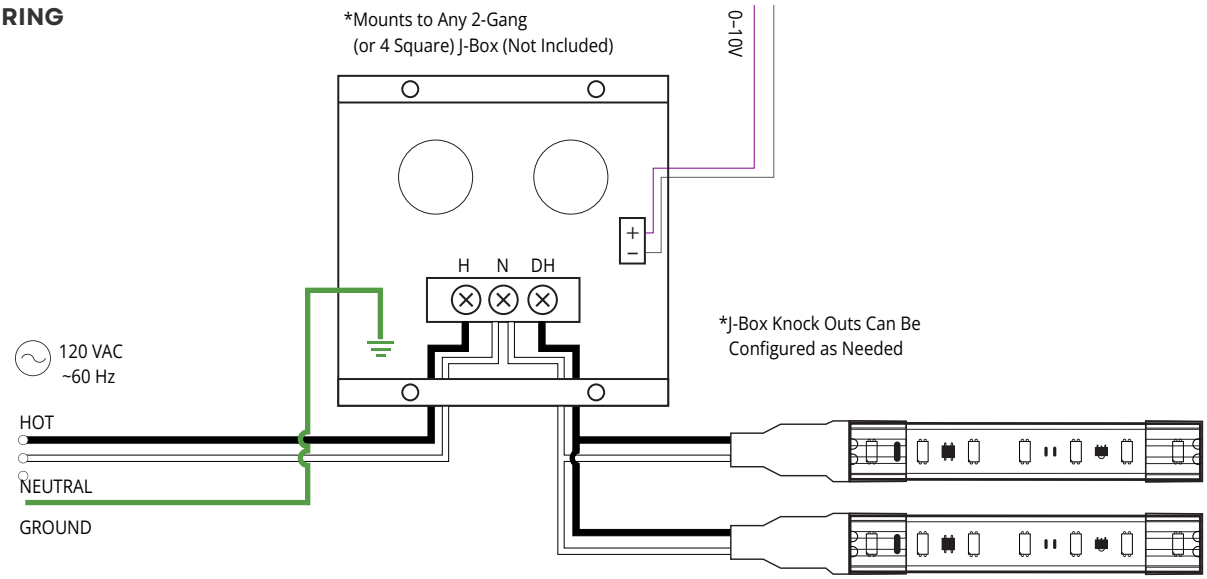
1 Channel × 500W Dimmer @ 120 VAC
Mounts to Any 2-Gang (or 4 Square) J-Box
0–10V Control Inputs

SPECIFICATION

LCX-1041

Model	LCX-1041
Input Voltage	120 VAC
Output Voltage	120 VAC
Output	500W Max
Standard Consumption	3.2W
Front Panel Dimensions	4.8in (121.9mm) × 4.8in (121.9mm)
Depth	1.875"
Ambient Temperature	104°F Max

WIRING



Kelvix reserves the right to update the product specifications at any time. Field modifications will void ETL listing and warranty.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____