Complete Specification Sheet

Orex™ 277V Static White

LINEAR LED



Orex™ 277V Static White

Line Voltage Linear LED Tape

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

Specifications

Category	Linear LED
Series	Orex 277V
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	277V AC
Width	0.89in (22.7mm)
Height	0.44in (11.3mm)
Max Run Length	150ft
Cut Intervals	6.00in (152.4mm)
Beam Angle	120°
Operating Temp.	-4°F (-20°C) to 107°F (42°C)
Dimming Options	0–10V (with LCX-1041), Triac, and ELV

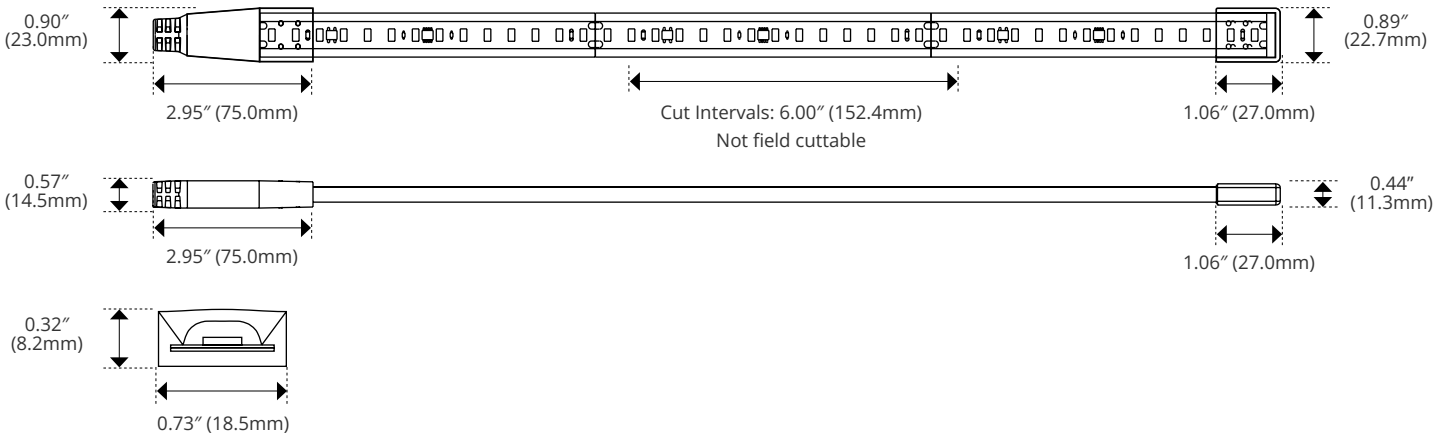
Features

- 277V Line Voltage
- Integral AC/DC Rectifier
- 150ft Continuous Max Run Length
- ETL Verified to UL-1598 Luminaires Standard
- Dimmable Using 0–10V (with LCX-1042) Triac, and ELV

Description

Skip the power supply and connect Orex 277V directly to your 277VAC source! With two different output options, a longer max run length, a variety of CCTs, and 0-10V control (with LCX-1042)1, Orex 277V is the perfect solution for your next project.

Dimensions



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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™ 277V Static White

LINEAR LED

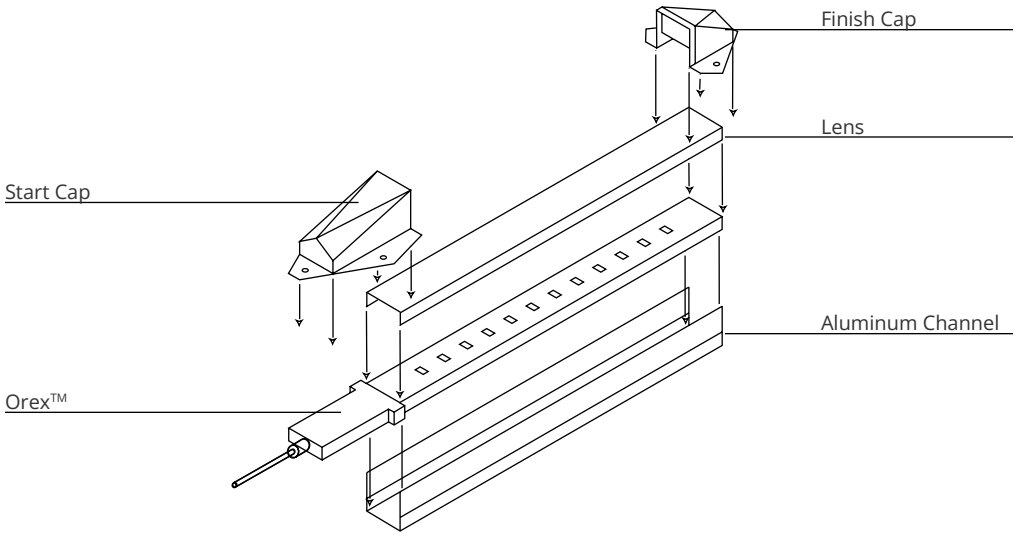
Product Code Builder

Example: RX277-27K-250-HW72-277V-XX

SERIES	CCT		OUTPUT		POWER FEED		VOLTAGE	LENGTH	
RX277							277V		
Orex	24K	2400K	250	250 lm/ft	HW72	72in Hardwire	277V AC	XX	Customer specific length
	27K	2700K	500	500 lm/ft	HW240	240in Hardwire			
	30K	3000K							
	35K	3500K							
	40K	4000K							
	50K	5000K							
	65K	6500K							

PRODUCT DATA

	Configuration	2400K	2700K	3000K	3500K	4000K	5000K	6500K
Orex 250	Tape Only	114	163	166	171	174	179	181
	Tape, Channel, & Flat Lens	87	98	100	103	105	108	109
	Tape, Channel, & Square Lens	86	97	99	102	104	107	108
Orex 500	Tape Only	345	389	397	409	417	428	432
	Tape, Channel, & Flat Lens	205	231	236	243	248	255	257
	Tape, Channel, & Square Lens	219	247	252	259	264	272	275
% Difference from 30K	--	87%	98%	100%	103%	105%	108%	109%



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Fixture Type _____

Project Name _____

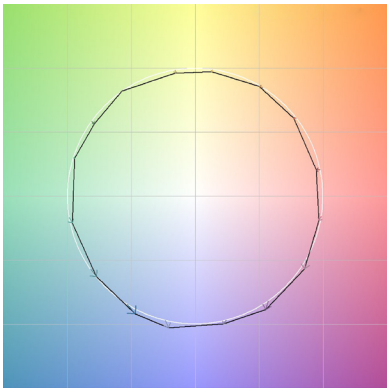
Location _____

Product Details

Orex™ 277V Static White

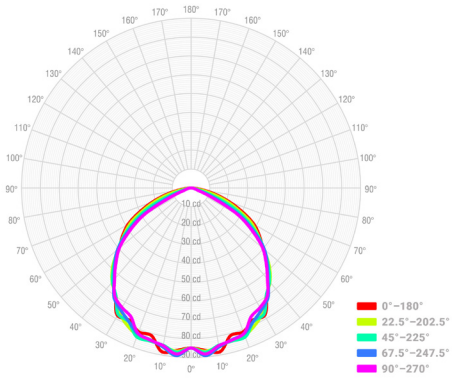
Photometric 4000K

250 LM/FT 4000K

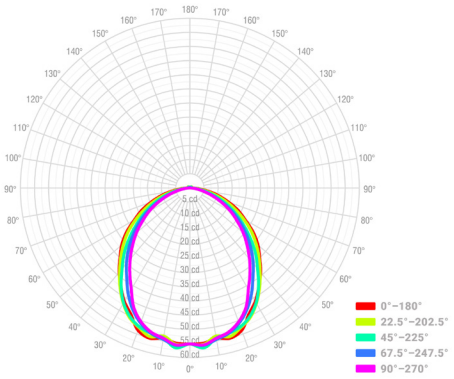


Photometric 3000K

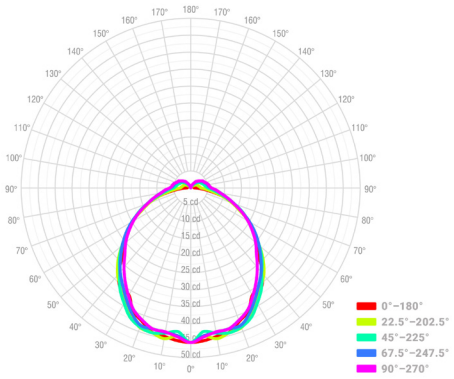
250 LM/FT TAPE ONLY



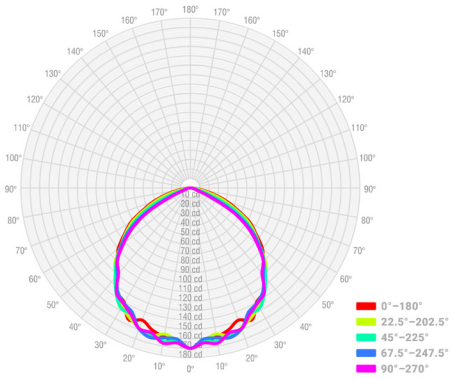
250 LM/FT WITH FLAT LENS



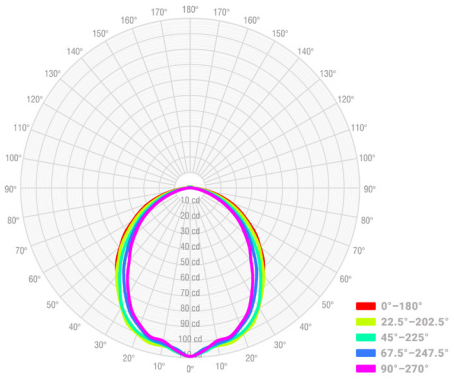
250 LM/FT WITH SQUARE LENS



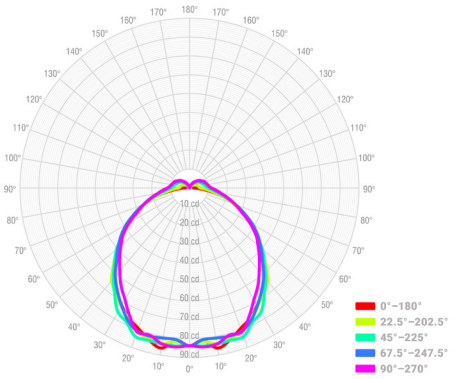
500 LM/FT TAPE ONLY



500 LM/FT WITH FLAT LENS



500 LM/FT WITH SQUARE LENS



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Fixture Type _____

Project Name _____

Location _____

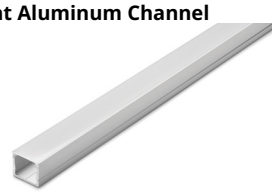
Aluminum Mounting Options

Orex™ 277V Static White

Mounting Options

Aluminum mouting options are not compatible with plastic mounting options

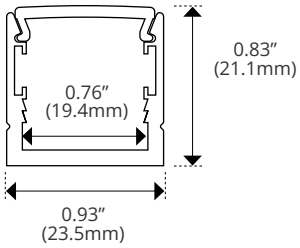
Flat Aluminum Channel



RX277-CH-TL-2-FL

Length	78.74in (2m)
Width	0.93in (23.5mm)
Height	0.83in (21.1mm)
Internal Width	0.76in (19.4mm)
Light Transmission	60%

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

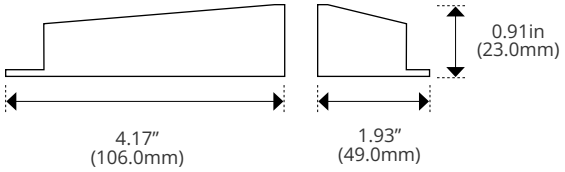


Flat Channel End Cap



RX277-EC-FL-SD

Start Cap Length	4.17in (106.0mm)
Finish Cap Length	1.93in (49.0mm)
Width	1.89in (48.0mm)
Height	0.91in (23.0mm)



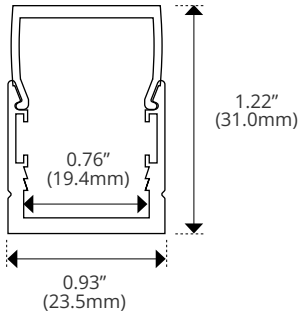
Square Aluminum Channel



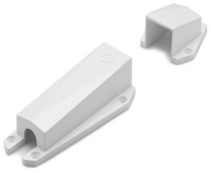
RX277-CH-TL-2-SQ

Length	78.74in (2m)
Width	0.93in (23.5mm)
Height	1.22in (31.0mm)
Internal Width	0.76in (19.4mm)
Light Transmission	61%

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

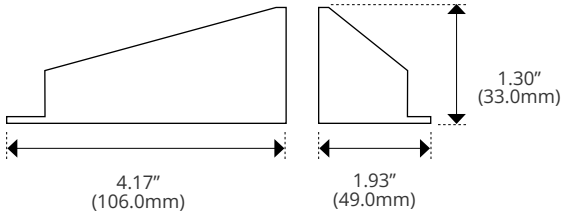


Square Channel End Cap



RX277-EC-SQ-SD

Start Cap Length	4.17in (106.0mm)
Finish Cap Length	1.93in (49.0mm)
Width	1.83in (46.6mm)
Height	1.30in (33.0mm)

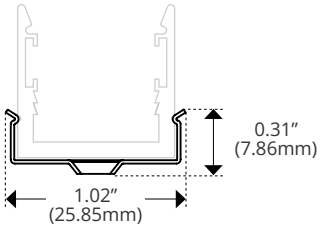


Stainless Steel Clip



RX277-CH-TL-PAK-M

Length	1.02in (25.85mm)
Width	0.79in (20.0mm)
Height	0.31in (7.86mm)



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Fixture Type _____

Project Name _____

Location _____

Plastic Mounting Options

Orex™ 277V Static White

Mounting Options

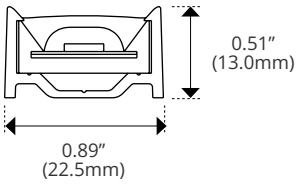
Plastic mouting options are not compatible with aluminum mounting options

Plastic Mounting Base



RX277-CH-PL-2M

Length	78.74in (2m)
Width	0.89in (22.5mm)
Height	0.51in (13.0mm)



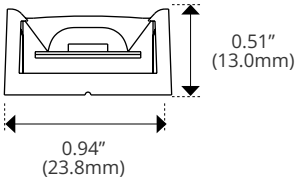
Mounting Clip



RX277-CLP-F1-PAK-P

Length	0.71in (18.0mm)
Width	0.94in (23.8mm)
Height	0.44in (14.3mm)

Pack of 10 Units



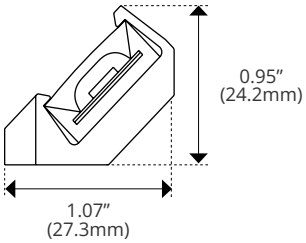
45° Mounting Clip



RX277-CLP-A1-PAK-P

Length	0.79in (20.0mm)
Width	1.07in (27.3mm)
Height	0.95in (24.2mm)

Pack of 10 Units



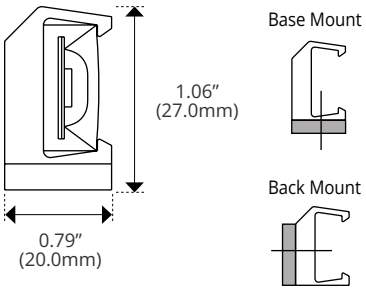
90° Mounting Clip



RX277-CLP-V1-PAK-P

Length	0.62in (15.8mm)
Width	1.06in (27.0mm)
Height	0.79in (20.0mm)

Pack of 10 Units



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Fixture Type _____

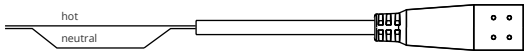
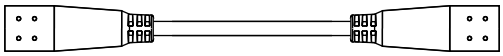
Project Name _____

Location _____

Power Feed Details

Orex™ 277V Static White

Factory Molded Power Feeds and Connectors

IMAGE	DETAILS	DIAGRAM
Hardwire Power Feed 	**Parent Part number** **HW72** — **HW240**	
Jump Cables 	Available Upon Request	

Power Details

Orex™ 277

Power Supply Details

DETAILS



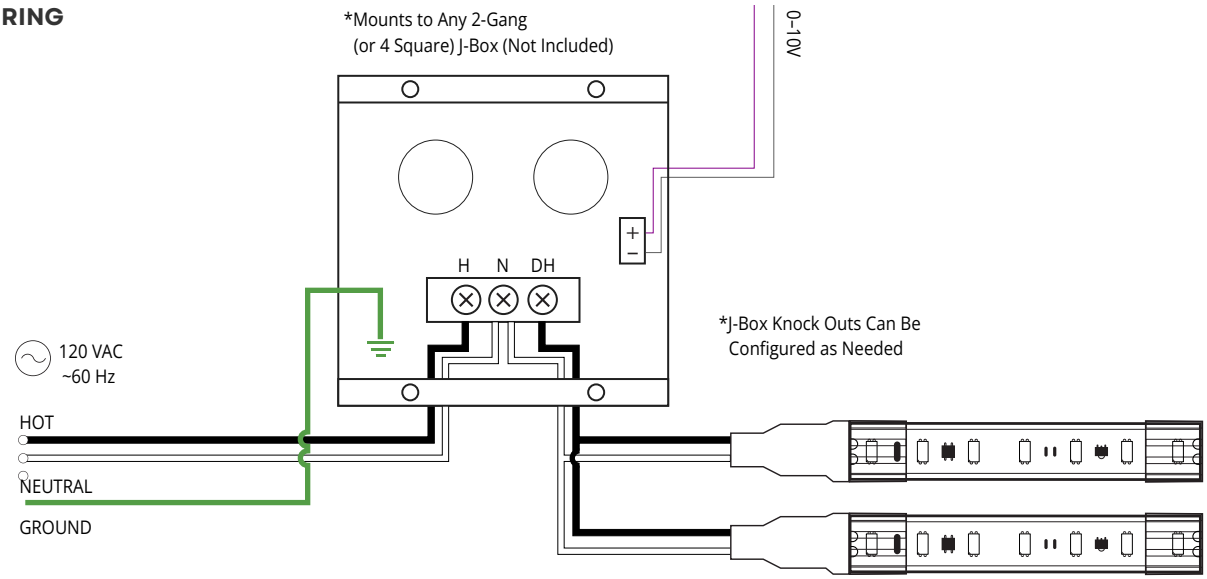
1 Channel × 1000W Dimmer @ 277V AC
Mounts to Any 2-Gang (or 4 Square) J-Box
0–10V Control Inputs

SPECIFICATION

LCX-1042

Model	LCX-1042
Input Voltage	277V AC
Output Voltage	277V AC
Input Max Amp	4A
Output	1000W Max
Front Panel Dimensions	4.8in (121.9mm) × 4.8in (121.9mm)
Depth	1.87"
Ambient Temperature	104°F Max

WIRING



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