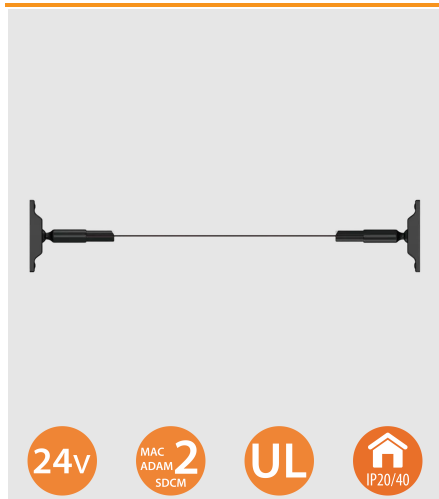




ORION LED

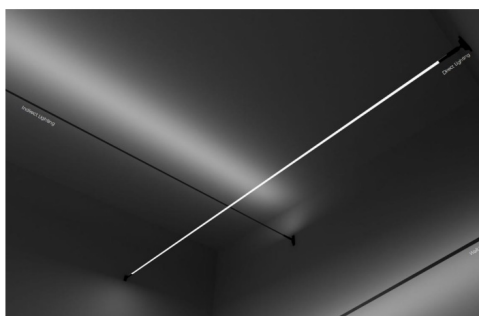
The Orion LED by LEDscape is a high quality, flexible LED strip with a unique mounting technology. The combination of high quality and exceptional orientation allows for an endless range of direct, indirect and wall-wash applications.

PRODUCT HIGHLIGHTS

- **OPERATING VOLTAGE:** 24 V DC
- **WATTAGE:** 4.1 watt per foot
- **LUMEN:** 271 – 335 lm/ft
- **BINNING:** ± 50K
- **EXPECTED LIFETIME:** B50/L70 > 50,000 hours
- **OPERATING TEMP:** -30 °C .. 55 °C
- **DEGREE OF PROTECTION:** IP40 Indoors
- **DIMMABLE:** Triac/ELV & 0-10v
- **LED RATING:** UL

AVAILABLE COLORS

- Extra Warm White 2700K
- Warm White 3000K
- Cool White 3500K
- Natural White 4000K
- Cold White 6000K



CHARACTERISTICS

Operating Voltage	Wattage	Lumen	Dimming	Degree of Protection
24 V DC	4.0 w/ft	271 – 335 lm/ft	Triac/ ELV & 0-10v	IP40

Notes:

Lumen calculated at 4000K.

Max Run Length refers to the total run length from the Power Supply to the end of the run. Circuits with LEDscape product must have surge protection to qualify for 5 year warranty.

ORDERING CHART

Example: 10-OR-W-4-D-30-40

Length	Product Code		Finish		Watts		View		CCT		Environment	
1-64 length in ft	OR	Orion Linear	W	White	4	4 w/ft	D ¹	Direct	27	2700K	40	IP40 Indoor
			B	Black			ID	In-Direct	30	3000K		
							WW	Wall-Wash	35	3500K		
							DID	Direct & In-Direct	40	4000K		
									60	6000K		

¹ Advised to use in-direct for up to 19 ft only.

Note: When DID (Direct & In-Direct) is selected the wattage will be 8 w/ft.

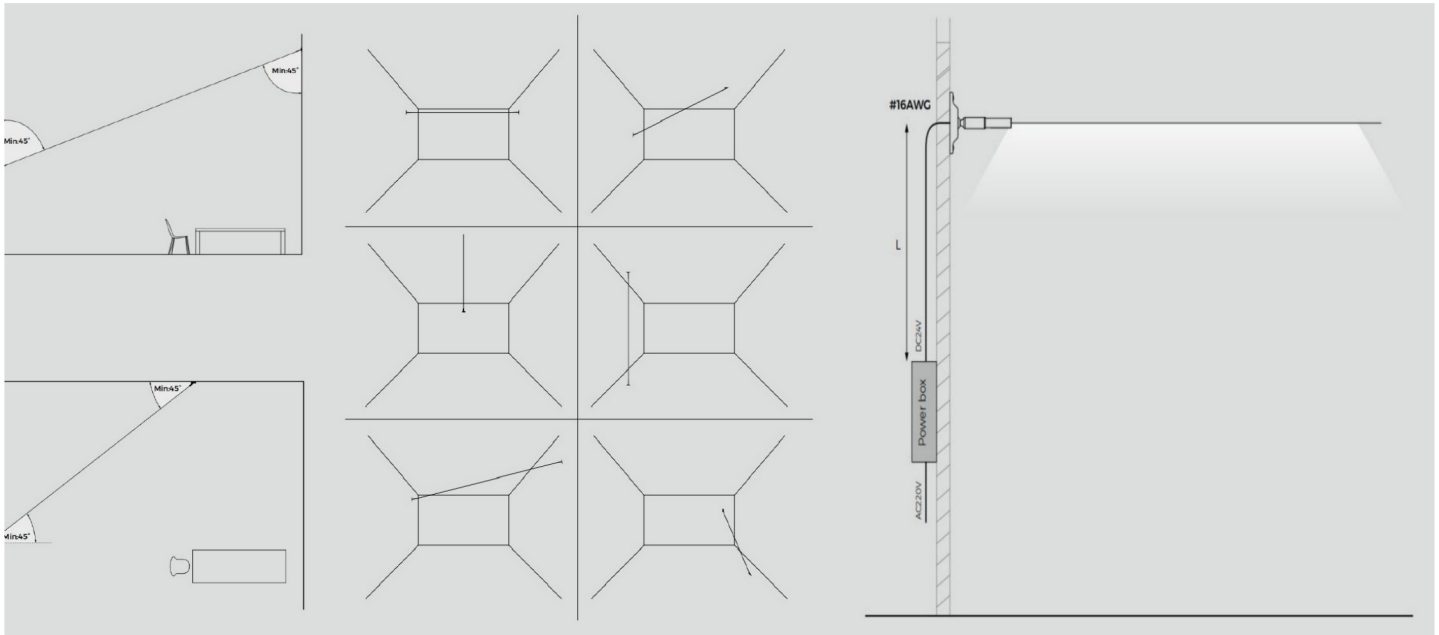
APPLICATION GUIDE

The Orion mounts on a tensioned wire between two brackets, so a single run can be aimed for direct, indirect or wall-wash light. Beam orientation is set at installation, which allows one fixture family to cover a wide range of applications.



Adjustable end connector

MOUNTING & LAYOUT



Note: Layouts above are indicative. Suspension height, aiming angle and setback determine the final distribution; consult the factory for project-specific photometrics.

LEDSCAPE INDOOR & OUTDOOR POWER SUPPLY

LEDscape Constant Voltage Class 2 LED Drivers are available in indoor (IP50) and outdoor (IP68) enclosures. The outdoor enclosure is cETLus style with a built-in junction box on both the input and the output, and is suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series of drivers is designed for commercial, industrial and residential applications. Our 5in1 smooth flicker-free linear dimming down to 1% works with a wide variety of compatible dimmers, including 0-10V, Magnetic and Low voltage.



PRODUCT HIGHLIGHTS

	INDOOR	OUTDOOR
INPUT VOLTAGE	120/277 V	120/277 V
OUTPUT VOLTAGE	24V	Variable 18–25V
INPUT FREQUENCY	50/60 HZ	50/60 HZ
OPERATING TEMP	-13°F – 104°F	-13°F – 104°F
DEGREE OF PROTECTION (IP)	IP50	IP68
DIMMABLE	to 1%	to 1%
CLASS 2	up to 96W	All sizes
LOAD REQUIREMENTS	10%	10%

CHARACTERISTICS

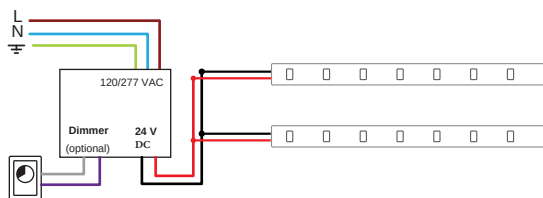
INDOOR

Power	Output Current	Efficiency	Power Factor	Dimensions
18W	350mA	> 86%	>0.95	4.92" L X 2.09" W X 0.57"H
24W	2600mA	> 86%	>0.95	4.92" L X 2.09" W X 0.57"H
36W	4800mA	> 86%	>0.95	5.7" L X 2.09" W X 0.65"H
60W	2600mA	> 86%	>0.95	5.7" L X 2.09" W X 0.65"H
96W	4800mA	> 86%	>0.95	7.28" L X 2.2" W X 0.74"H
150W	7500mA	> 86%	>0.93	8.98" L X 2.2" W X 0.85"H
200W	8200mA	> 86%	>0.93	8.98" L X 2.2" W X 0.85"H

OUTDOOR

Power	Output Current	Efficiency	Power Factor	Dimensions
30W	1250mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
60W	2600mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
96W	4800mA	> 86%	>0.95	8.50" L X 3.66" W X 1.65"H
120W (2x60W)	5000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
192W (2x96W)	8000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
288W (3x96W)	9000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65"H
384W (4x96W)	16000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65"H

POWER AND CONNECTION DIAGRAM



POWER SUPPLY = Product Wattage X Length

24 Nominal supply voltage of LEDscape in Volt
Recommended MAC output of power supply 80%

To calculate MAX run distance from Power Supply to LED reference power drop chart : [Here](#).

ORDERING CHART

Ordering Example: PS-24-I-D3-60-U OR PS-24-O-D3-60-U

Series		Output Voltage		Environment		Dimming		Wattage OR				Voltage Input	
PS	Power supply	24	24V	I	Indoor (damp listed)	ND	Non Dimming	Indoor (I)		Outdoor (O)		U	120/277V
				O	Outdoor IP68	D3	5 in 1 Dimming	18	8W	30	30W		
				Indoor: IP50, damp listed. Class 2 up to 96W. Outdoor: IP68, cETLus enclosure with built-in junction box on input and output. Class 2 all sizes.				24	24W	60	60W		
								36	36W	96	96W		
								60	60W	120	120W		
								96	96W	192	192W		
								150	150W	288	288W		
								200	200W	384	384W		
								CU Custom Output		CU Custom Output			

DISCLAIMER: The information on these pages are as accurate as possible, however LEDscape or any reseller of LEDscape cannot be held liable for any damages resulting from errors or outdated information. LEDscape reserves the right to modify the information without informing the customers. Check for the latest version on the Internet, the most up to date information will be published on www.ledscape.com. Qualified and Licensed Electrical Contractor must install the product. This product should not be used in applications, devices or systems where incorrect operation of the product may result in personal injury (Includes emergency lighting) without written permission from LEDscape. If nevertheless used in such applications, devices or systems LEDscape cannot be held liable for any resulting injury.