OPTIQUE

Orbita Pendant
Nano Linear Fixture

Specification Submittal

Our elegant Orbita Pendant features rotatable light engines, making it possible to select direct, indirect or anything in between. Configurable in different lengths, and with multiple light segments. Suspend these pendants to draw attention to areas in commercial lighting applications or as soft room illumination when used in a residential setting.

Project Name:

Project Location:

Fixture Type:

SKUs:

UL CERTIFIED · Title 24 (Can Be Rated To Comply With JAN · 2019) · RoHS · WARRANTY 6 YEAR

⚙ Features & Benefits

- Available in multiple lengths and up to three segments
- 360° light rotation to effortlessly fine-tune the direction of the light
- Superior color rendering
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled quality and consistency
- UL Listed and Title 24

✕ Dimensions

See next page for more details.

36.64 in.

11.92 in. *Adjustable up to 70 in.*
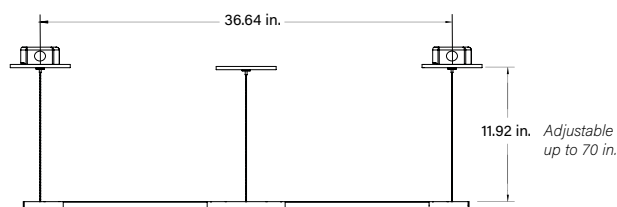
NOTE: Shown using 12 in. light engines

ⓘ System Builder Choose one option for each step.

Prefix	Configuration	Output	CCT	Canopy	Finish	Length
OP-SFU-ORBITA-		**L3**				

Configuration

PEN1
Ceiling mount pendant fixture made up of one segment.

PEN2
Ceiling mount pendant fixture made up of two segments.

PEN3
Ceiling mount pendant fixture made up of three segments.

Output

L3
2700K - 201 lm/ft (4W)
3000K - 210 lm/ft (4W)
3500K - 225 lm/ft (4W)
4200K - 236 lm/ft (4W)

CCT

2700K
3000K
3500K
4200K

Canopy

500
5 in. Diameter canopy
For mounting with the use of a junction box

500D
5 in. Diameter canopy
For mounting with an included Driver that fits most 4-inch junction box.

Finish

STB
Satin Brass

MBL
Powder Coated Matte Black
RAL 9005

Length

12
12.56 in. light engine
Lumen output: 263 per segment

18
18.32 in. light engine
Lumen output: 394 per segment

24
24.08 in. light engine
Lumen output: 525 per segment

36
35.61 in. light engine
Lumen output: 788 per segment

- Total length is limited to 10 ft. (120 in.)
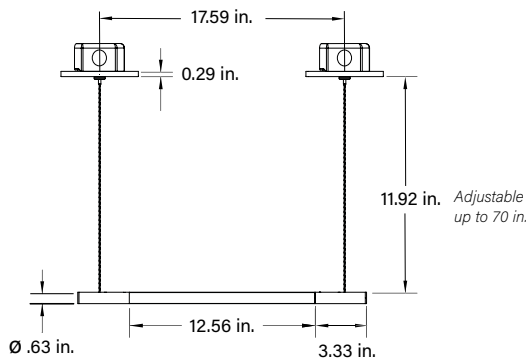- If fixture has more than one section, it will use the chosen length for each section

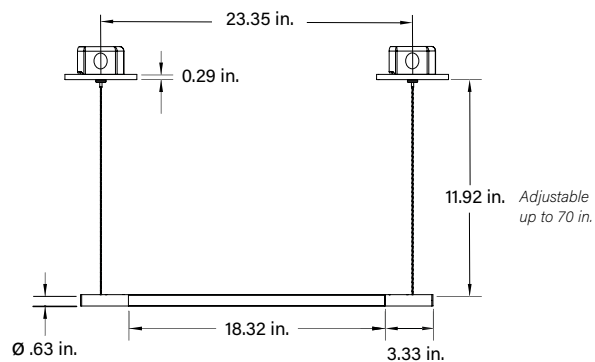# Orbita Pendant
Nano Linear Fixture
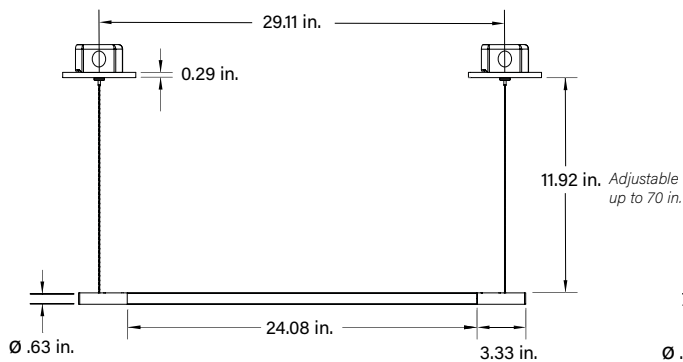
Specification Submittal

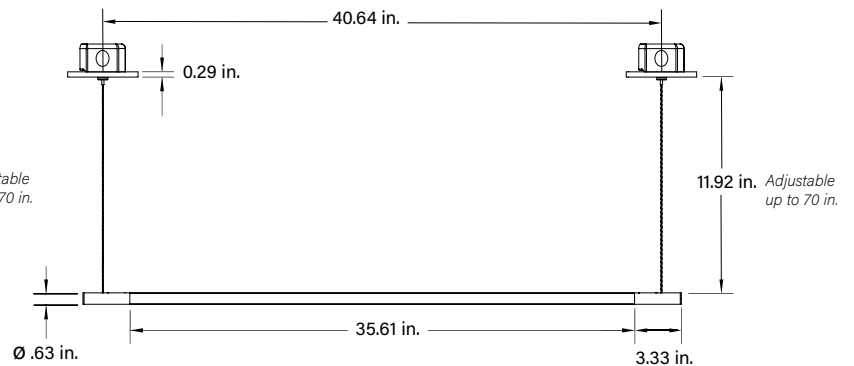## Dimensions

PEN 1

12 in. Light Engine

17.59 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

12.56 in.

3.33 in.

Ø .63 in.

18 in. Light Engine

23.35 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

18.32 in.

3.33 in.

Ø .63 in.

24 in. Light Engine

29.11 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

24.08 in.

3.33 in.

Ø .63 in.

36 in. Light Engine

40.64 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

35.61 in.

3.33 in.

Ø .63 in.

Orbita Pendant
Nano Linear Fixture

Specification Submittal

⊠ Dimensions

PEN 2

12 in. Light Engine
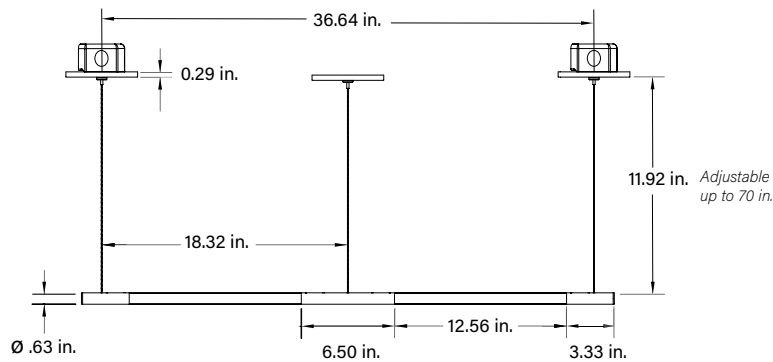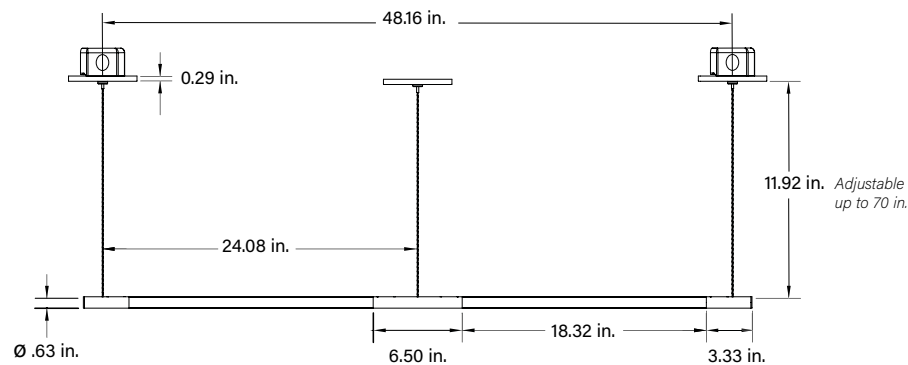
36.64 in.
0.29 in.
11.92 in. *Adjustable up to 70 in.*
18.32 in.
Ø .63 in.
6.50 in.
12.56 in.
3.33 in.

18 in. Light Engine

48.16 in.
0.29 in.
11.92 in. *Adjustable up to 70 in.*
24.08 in.
Ø .63 in.
6.50 in.
18.32 in.
3.33 in.

24 in. Light Engine

59.69 in.
0.29 in.
11.92 in. *Adjustable up to 70 in.*
29.84 in.
Ø .63 in.
6.50 in.
24.08 in.
3.33 in.
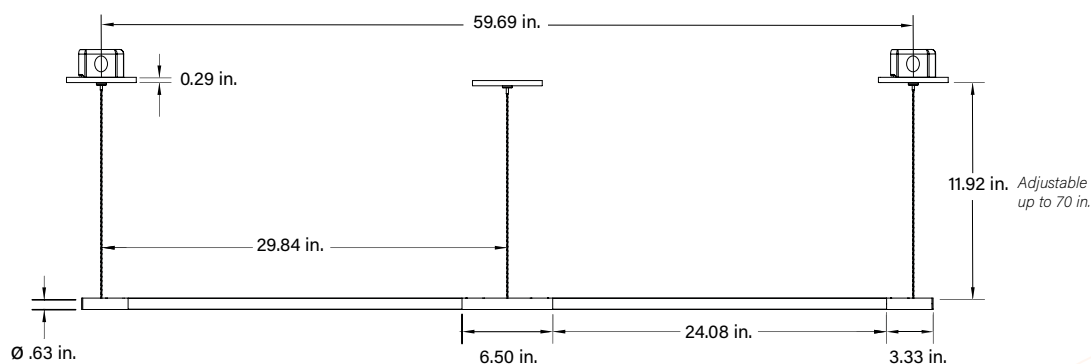
Orbita Pendant
Nano Linear Fixture

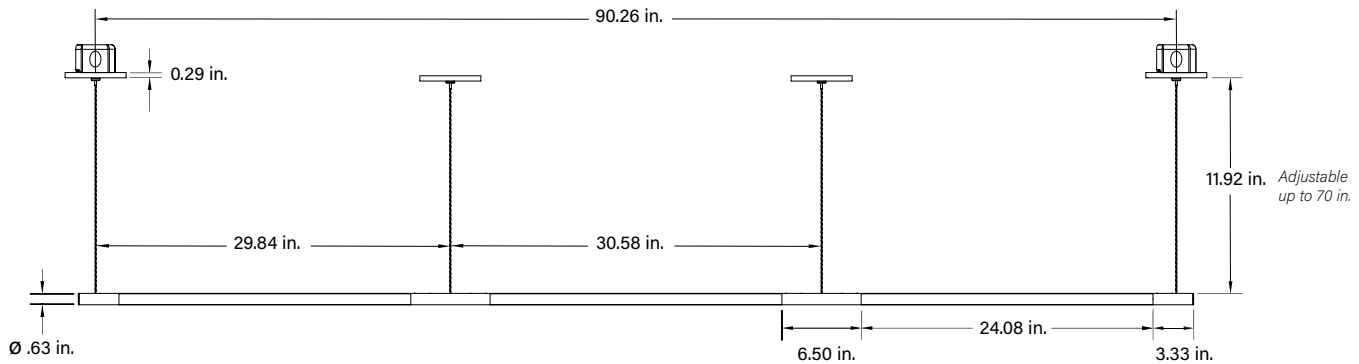Specification Submittal

Dimensions

36 in. Light Engine
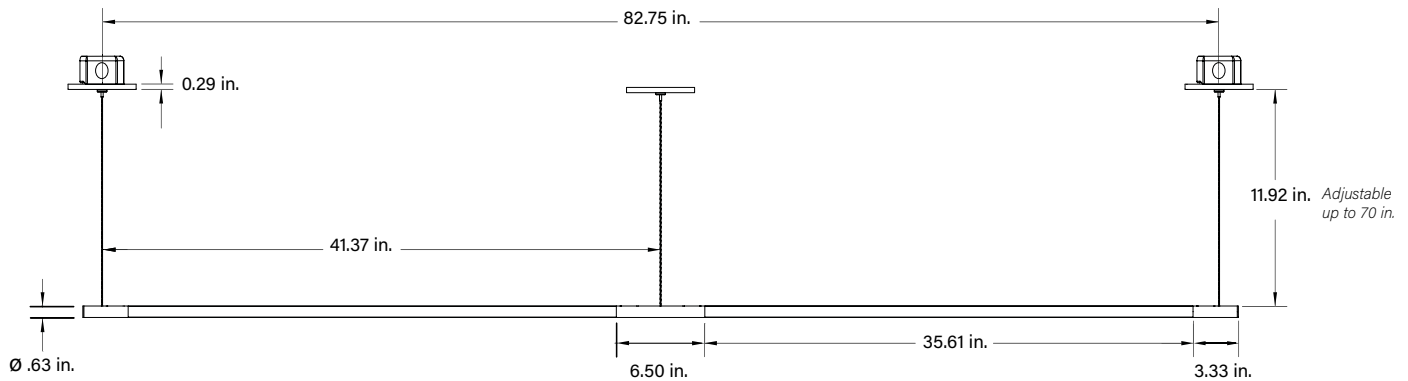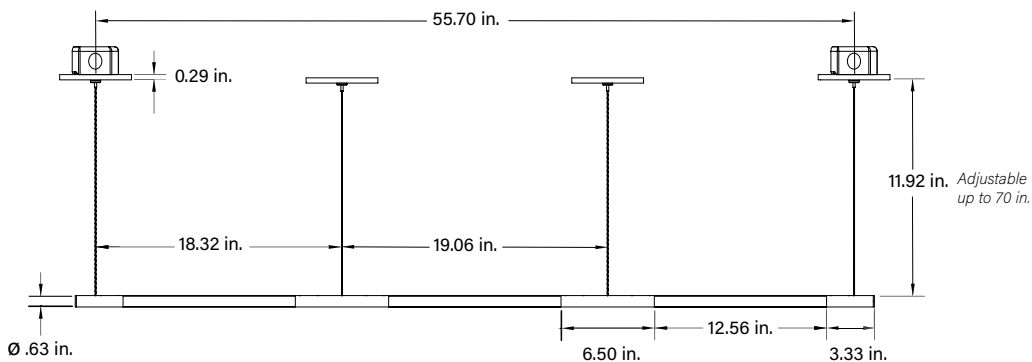
82.75 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

41.37 in.

Ø .63 in.

6.50 in.

35.61 in.

3.33 in.

PEN 3

12 in. Light Engine

55.70 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

18.32 in.

19.06 in.

Ø .63 in.

6.50 in.

12.56 in.

3.33 in.

18 in. Light Engine

72.98 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

24.08 in.

24.82 in.

Ø .63 in.

6.50 in.

18.32 in.

3.33 in.
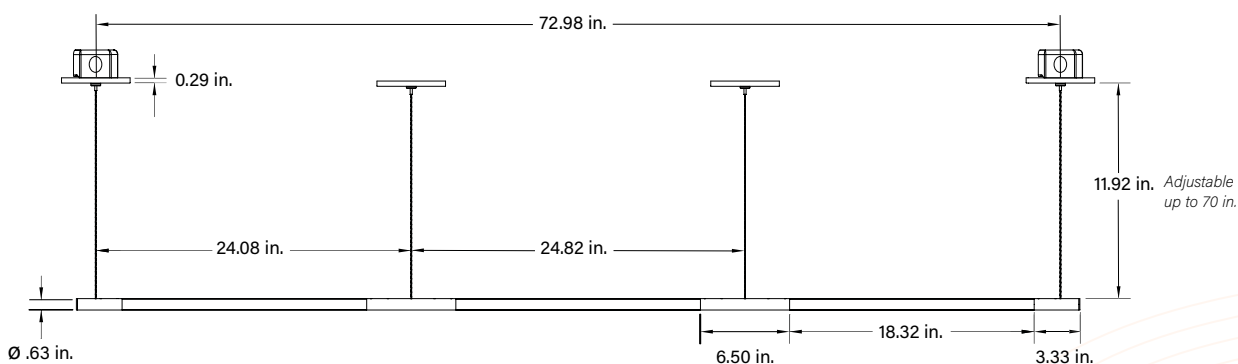
Orbita Pendant
Nano Linear Fixture

Specification Submittal

Dimensions

24 in. Light Engine

90.26 in.

0.29 in.

11.92 in. *Adjustable up to 70 in.*

29.84 in.

30.58 in.

Ø .63 in.

6.50 in.

24.08 in.

3.33 in.

36 in. Light Engine

124.85 in.

0.29 in.

11.92 in.

Adjustable up to 70 in.

41.37 in.

42.11 in.

Ø .63 in.

6.50 in.

35.61 in.

3.33 in.

Light Engines

12.56 in.

18.32 in.
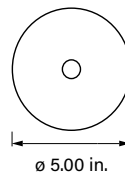
24.08 in.

35.61 in.

Canopy

ø 5.00 in.
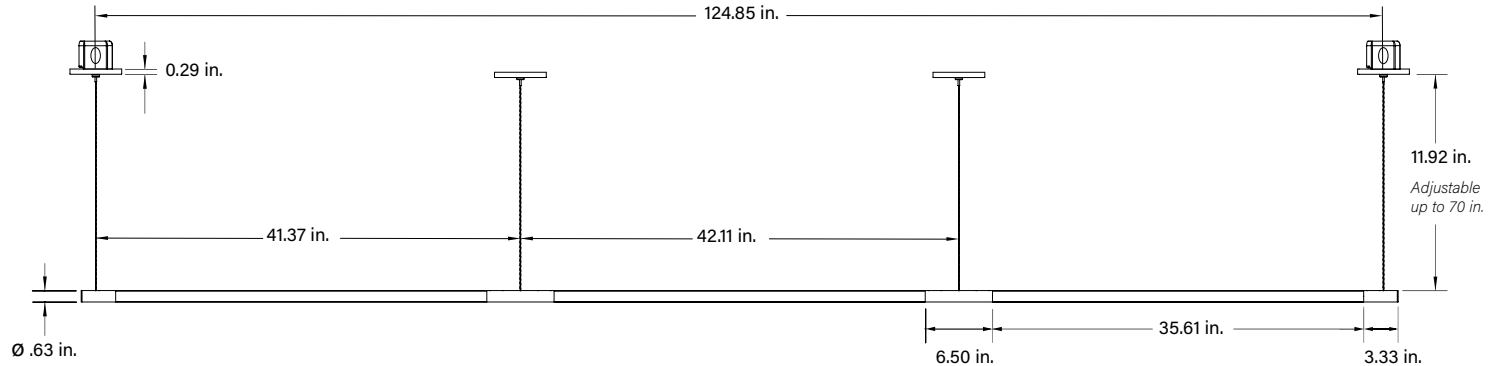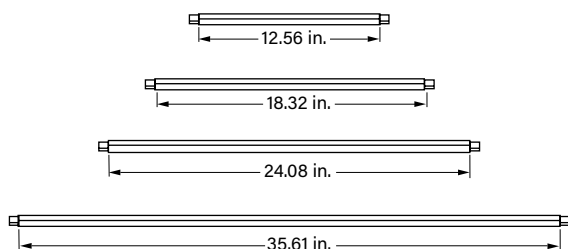
NOTE: ø = diameter

Orbita Pendant
Nano Linear Fixture

Specification Submittal

⏻ Power Supply

Features

- Input Voltage: 90-130VAC / 180-240VAC
- High Efficiency: up to 89% ; PF>0.95
- Suitable for dry or damp location use.
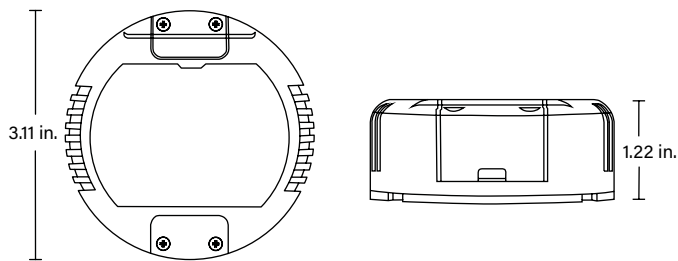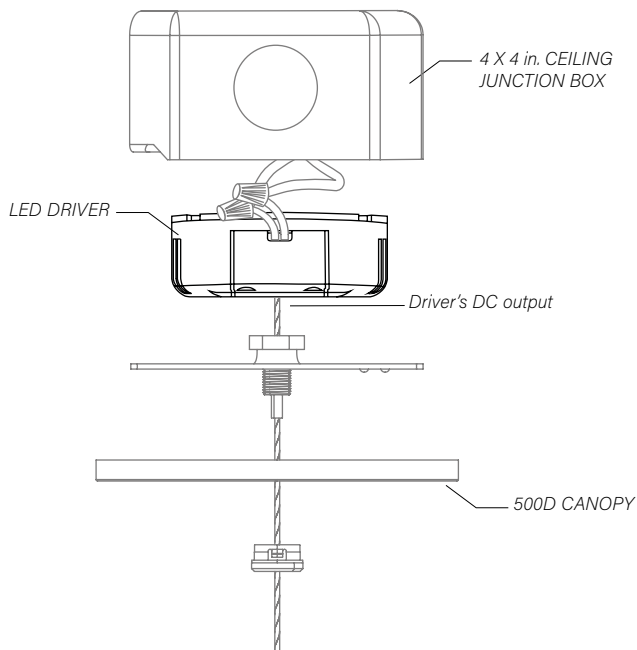- Compatible with 0-10V and 1-10V Dimmers.

3.11 in.

1.22 in.

Diagram Connection

4 X 4 in. CEILING JUNCTION BOX

LED DRIVER

Driver's DC output

500D CANOPY

*Note: If Canopy 500 is selected, Optique Lighting will specify a universal remote driver that supports 120-277.

OPTIQUE

Orbita Pendant
Nano Linear Fixture

Specification Submittal

✦ Photometry

1 ft., 3000K Orbita Nano Linear Fixture

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° – 15°	9.13 lm	4.35%
0° - 30°	34.6 lm	16.48%
0° - 45°	70.7 lm	33.67%
0° - 60°	110 lm	52.38%
0° - 75°	147 lm	70.00%
0° - 90°	175 lm	83.33%

ANGULAR DISTRIBUTION 0 – 90°

146.2°

FOOT CANDLES

Distance	Foot Candles
1'	43 fcd
1.5'	19 fcd
2'	11 fcd
2.5'	7 fcd
3'	5 fcd
4'	3 fcd
5'	2 fcd
6'	1 fcd
9'	1 fcd
12'	0 fcd

BEAM ANGLE

146.2 °

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	1%	-2%
2	98	1%	0%
3	95	1%	2%
4	95	2%	2%
5	95	4%	2%
6	92	6%	1%
7	92	5%	-3%
8	92	4%	-3%
9	94	2%	-3%
10	95	0%	-3%
11	96	0%	1%
12	94	3%	1%
13	96	3%	0%
14	94	5%	-2%
15	95	2%	-2%
16	92	3%	-6%

☐ Reference   ■ Test