

Series Number: SWWACSLLL

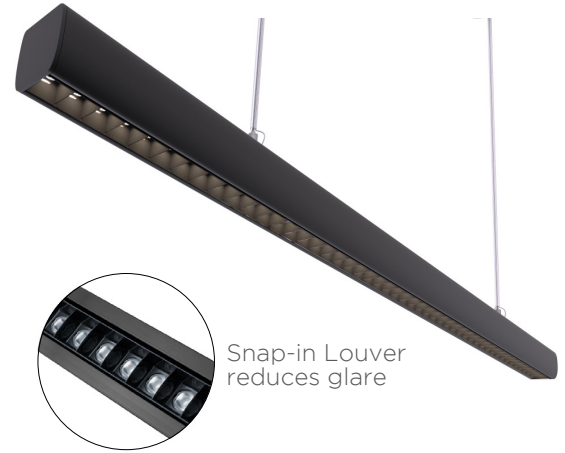


Synthesis LED Linear Light

SYNTHESIS LED LINEAR is a sleek suspended fixture with both direct and indirect capability. Use it for direct/indirect lighting, or just direct lighting. The minimal design packs countless output configurations, 10 beam angle options and a selection of elegant finishes to complement any space. Up to 90" (2.3m) in length and connectable to make longer runs.

SYNTHESIS is designed to create a variety of light output configurations. The direct light includes a highly engineered range of narrow beam angle lenses that direct light into specific areas of a space with precision. The included louver minimizes glare by framing the individual LEDs, eliminating light at unwanted angles. Simplicity and custom configurations make SYNTHESIS LED LINEAR the ideal fixture for any space.

- Available as direct light only or direct + indirect
- 4 Direct & 6 Indirect Beam Angles
- Up to 1373 lumens/ft (4500 lumens/meter) @ 116 lm/W
- Available in 2 Profiles: Square & Rounded edges
- Available in Black, Silver, White & Gold
- Snap-in Louver reduces glare
- Due to the compact size of this fixture it is available with remote-driver only



Snap-in Louver reduces glare

APPLICATIONS:

- Commercial
- Entertainment
- Healthcare
- Hospitality
- Museums
- Public Spaces
- Residential
- Retail



PENDANT



ACCENT LIGHTING

CERTIFICATIONS:



IP RATINGS:



AVAILABLE COLOR TEMPERATURES



2700K Incandescent White

3000K Warm White

3500K Neutral White

4000K Cool White

5000K Bright White

SPECIFICATIONS	DIRECT LIGHT		
Power Consumption	LO: 5.19 w/ft	SO: 7.01 w/ft	HO: 11.85 w/ft
Lumen Output	LO: 573 lm/ft	SO: 768 lm/ft	HO: 1373 lm/ft
Efficiency	LO: 110 lm/w	SO: 109 lm/w	HO: 116 lm/w
Dimming	0 - 10 V Dimmable and DALI		
Beam Angle	11°, 29°, 42°, 52°		
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6500K		
CRI	80+		
UGR Rating	UGR <14 (11° lens) <15 (29° lens) <15 (42° lens) <14 (52° lens)		
Operating Temperature	-20° C to 50° C		
Storage Temperature	-30° C to 60° C		
Lamp Life	54,440 Hours		

SPECIFICATIONS	INDIRECT LIGHT		
Power Consumption	LO: 4.4 w/ft	SO: 6.0 w/ft	HO: 10.3 w/ft
Lumen Output	LO: 416 lm/ft	SO: 563 lm/ft	HO: 955 lm/ft
Efficiency	LO: 94 lm/w	SO: 94 lm/w	HO: 93 lm/w
Dimming	0 - 10 V Dimmable and DALI		
Beam Angle	120°, 75°, 90x113°, 92x33°, 10° and Narrow Asymmetric		
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6500K		
CRI	80+		
Operating Temperature	-20° C to 50° C		
Storage Temperature	-30° C to 60° C		
Lamp Life	50,000		

SPECIFIED LENGTH	ACTUAL LENS LENGTH	END CAP LENGTH (2 PCS)	ACTUAL TOTAL LENGTH
1 foot	11.24" (285.6 mm)	0.24" (6.1 mm)	11.48" (291.6 mm)
2 feet	22.49" (571.2 mm)	0.24" (6.1 mm)	22.73" (577.3 mm)
3 feet	33.73" (856.8 mm)	0.24" (6.1 mm)	33.97" (862.8 mm)
4 feet	44.98" (1142.4 mm)	0.24" (6.1 mm)	45.22" (1148.6 mm)
5 feet	56.22" (1428 mm)	0.24" (6.1 mm)	56.46" (1434.1 mm)
6 feet	67.46" (1713.6 mm)	0.24" (6.1 mm)	67.70" (1719.6 mm)
7 feet	78.7" (1999.2 mm)	0.24" (6.1 mm)	78.94" (2005.1 mm)
8 feet	89.95" (2284.8 mm)	0.24" (6.1 mm)	90.19" (2290.8 mm)

LUMEN OUTPUT FOR EACH TEMPERATURE		
	DIRECT LIGHT	INDIRECT LIGHT
2700K	X	x 0.83
3000K	x 1.10	x 0.95
3500K	x 1.10	X
4000K	x 1.14	x 0.98
5000K	x 1.18	x 0.99
6500K	x 1.14	x 0.98

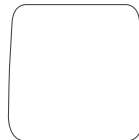
SPECIFICATIONS

ROUNDED

SQUARE



Width	1.97 in (50 mm)	2.13 in (54 mm)
Height	1.97 in (50 mm)	2.05 in (52 mm)
Length All measurements exlude end caps End caps add .25 in (6.35 mm) to overall length of fixture	2 ft (22.58 in) (573.6 mm)	2 ft (22.58 in) (573.6 mm)
	3 ft (33.87 in) (860.4 mm)	3 ft (33.87 in) (860.4 mm)
	4 ft (45.17 in) (1147.2 mm)	4 ft (45.17 in) (1147.2 mm)
	5 ft (56.46 in) (1434 mm)	5 ft (56.46 in) (1434 mm)
	6 ft (67.75 in) (1720.8 mm)	6 ft (67.75 in) (1720.8 mm)
	7 ft (79.04 in) (2007.6 mm)	7 ft (79.04 in) (2007.6 mm)
	8 ft (90.33 in) (2294.4 mm)	8 ft (90.33 in) (2294.4 mm)



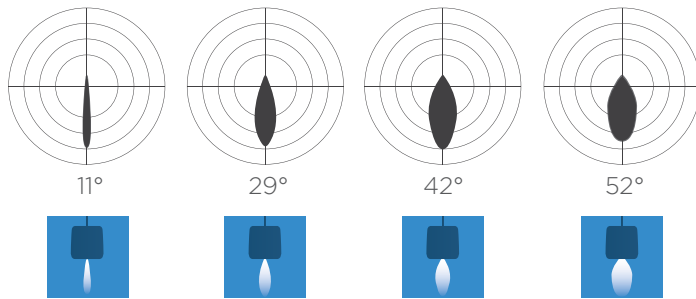
HEIGHT: 1.97 in / 50 mm
 WIDTH: 1.97 in / 50 mm



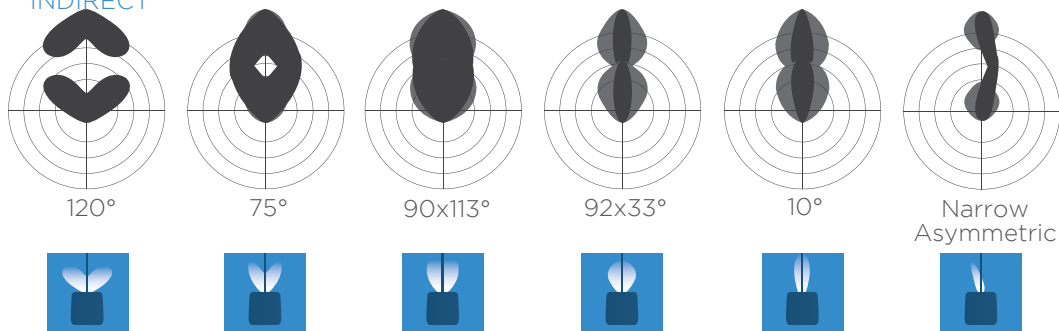
HEIGHT: 2.05 / 52 mm
 WIDTH: 2.13 in / 54 mm

BEAM ANGLES

DIRECT



INDIRECT



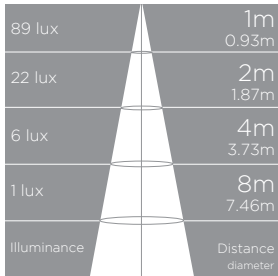
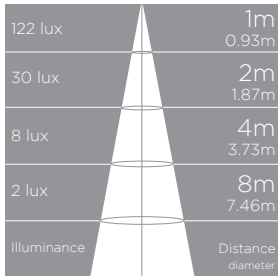
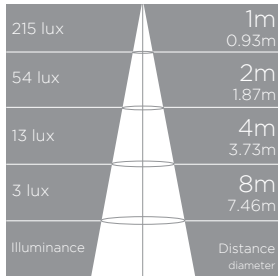
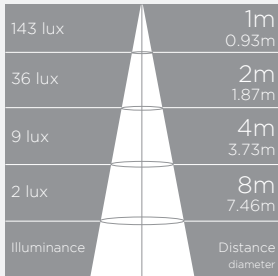
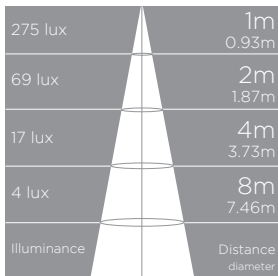
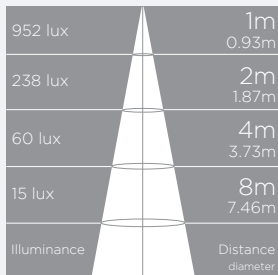
DIRECT SIDE LUX

	LO	SO	HO
11°	 <p>4304 lux @ 1m (0.93m) 1076 lux @ 2m (1.87m) 269 lux @ 4m (3.73m) 67 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>5872 lux @ 1m (0.93m) 1468 lux @ 2m (1.87m) 367 lux @ 4m (3.73m) 92 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>9228 lux @ 1m (0.93m) 2307 lux @ 2m (1.87m) 577 lux @ 4m (3.73m) 144 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>
29°	 <p>1856 lux @ 1m (0.93m) 464 lux @ 2m (1.87m) 116 lux @ 4m (3.73m) 29 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>2537 lux @ 1m (0.93m) 634 lux @ 2m (1.87m) 159 lux @ 4m (3.73m) 40 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>3943 lux @ 1m (0.93m) 986 lux @ 2m (1.87m) 246 lux @ 4m (3.73m) 62 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>
42°	 <p>1001 lux @ 1m (0.93m) 250 lux @ 2m (1.87m) 63 lux @ 4m (3.73m) 16 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>1369 lux @ 1m (0.93m) 342 lux @ 2m (1.87m) 86 lux @ 4m (3.73m) 21 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>2129 lux @ 1m (0.93m) 532 lux @ 2m (1.87m) 133 lux @ 4m (3.73m) 33 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>
52°	 <p>799 lux @ 1m (0.93m) 200 lux @ 2m (1.87m) 50 lux @ 4m (3.73m) 12 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>1092 lux @ 1m (0.93m) 273 lux @ 2m (1.87m) 68 lux @ 4m (3.73m) 17 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>	 <p>1654 lux @ 1m (0.93m) 414 lux @ 2m (1.87m) 103 lux @ 4m (3.73m) 26 lux @ 8m (7.46m)</p> <p>Illuminance Distance diameter</p>

*Nadir Lux Values

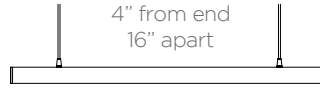
*Tested with 3500K, 11.24" (285.6 mm) sample

INDIRECT SIDE LUX

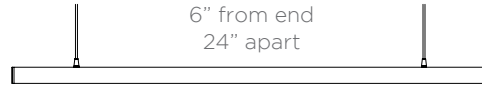
	LO	SO	HO
120°	 <p>89 lux @ 1m (0.93m) 22 lux @ 2m (1.87m) 6 lux @ 4m (3.73m) 1 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>122 lux @ 1m (0.93m) 30 lux @ 2m (1.87m) 8 lux @ 4m (3.73m) 2 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>215 lux @ 1m (0.93m) 54 lux @ 2m (1.87m) 13 lux @ 4m (3.73m) 3 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>
75°	 <p>106 lux @ 1m (0.93m) 27 lux @ 2m (1.87m) 7 lux @ 4m (3.73m) 2 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>143 lux @ 1m (0.93m) 36 lux @ 2m (1.87m) 9 lux @ 4m (3.73m) 2 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>225 lux @ 1m (0.93m) 56 lux @ 2m (1.87m) 14 lux @ 4m (3.73m) 4 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>
90x113°	 <p>205 lux @ 1m (0.93m) 51 lux @ 2m (1.87m) 13 lux @ 4m (3.73m) 3 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>275 lux @ 1m (0.93m) 69 lux @ 2m (1.87m) 17 lux @ 4m (3.73m) 4 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>460 lux @ 1m (0.93m) 115 lux @ 2m (1.87m) 29 lux @ 4m (3.73m) 7 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>
92x33°	 <p>430 lux @ 1m (0.93m) 108 lux @ 2m (1.87m) 27 lux @ 4m (3.73m) 7 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>618 lux @ 1m (0.93m) 155 lux @ 2m (1.87m) 39 lux @ 4m (3.73m) 10 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>	 <p>952 lux @ 1m (0.93m) 238 lux @ 2m (1.87m) 60 lux @ 4m (3.73m) 15 lux @ 8m (7.46m)</p> <p>Illuminance vs Distance diameter</p>

*Nadir Lux Values

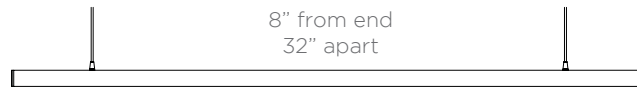
*Tested with 3500K, 11.24" (285.6 mm) sample



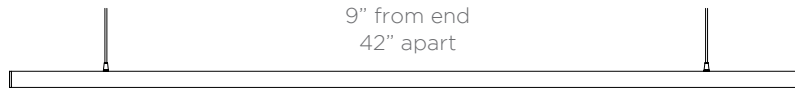
2-Foot Fixture



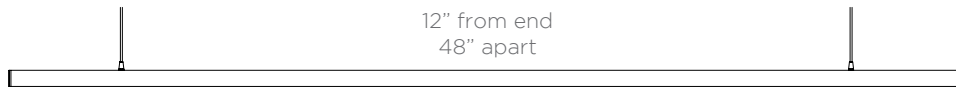
3-Foot Fixture



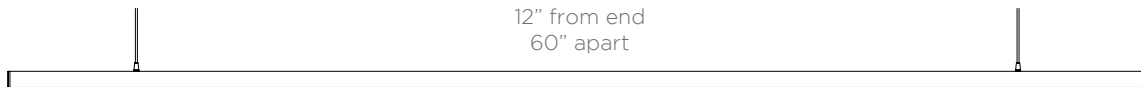
4-Foot Fixture



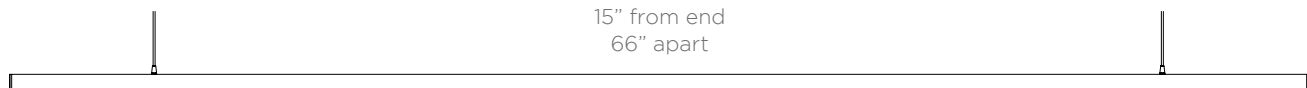
5-Foot Fixture



6-Foot Fixture



7-Foot Fixture



8-Foot Fixture

_____ + _____ + _____ + _____ + _____ + _____ +

Category Body Style Body Color Output direct Color Temp Direct Beam Angle Direct

_____ + _____ + _____ + _____ = _____

Output Indirect Color Temp Indirect Beam Angle Indirect Fixture Length

1 - Category

SYN - Synthesis Linear

2 -Body Style

1 - Square
2 - Rounded

3 - Body Color

AL - Silver/Aluminum
K - Black
W - White
G - Gold

4 - Output Direct

LO - Low
SO - Standard
HO - High

5 - Color Temp Direct

27 - 2700K
30 - 3000K
35 - 3500K
40 - 4000K
50 - 5000K
65 - 6500K

6 - Beam Angle Direct

11 - 11° (down only)
29 - 29° (down only)
42 - 42° (down only)
52 - 52° (down only)

7 - Output Indirect

LO - Low
SO - Standard
HO - High

8 - Color Temp Indirect

27 - 2700K
30 - 3000K
35 - 3500K
40 - 4000K
50 - 5000K
65 - 6500K

6 - Beam Angle Indirect

120 - 120° (up only)
75 - 75° (up only)
90 - 90x113° (up only)
92 - 92x33° (up only)
10 - 10° (up only)
AS - Narrow Asymmetric (up only)

10 - Fixture Length

2 - 2 ft - 22.73" (57.73 cm)
3 - 3 ft - 33.97" (86.28 cm)
4 - 4 ft - 45.22" (114.86 cm)
5 - 5 ft - 56.46" (143.41 cm)
6 - 6 ft - 67.70" (171.96 cm)
7 - 7 ft - 78.94" (200.51 cm)
8 - 8 ft - 90.19" (229.08 cm)

*For **Direct Light Only**, please only select Direct Light options.
Maximum fixture length is 8 feet.

Can be connected to make longer runs than 8 feet, but each 8 foot section will have its own driver.

Fixture is not available as indirect only.