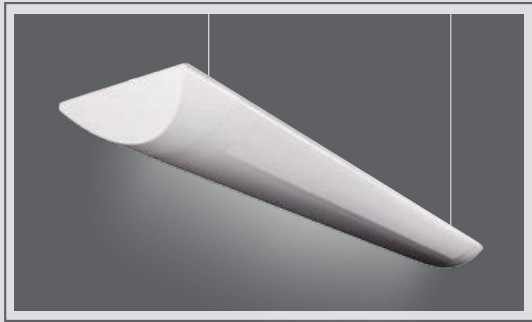


ASI1-LED

ARCHITECTURAL LED SUSPENDED LINEAR DIRECT SYSTEM



PERFORMANCE - The light engines found in the ASI1 are rated at 85+ CRI and are available in multiple CCTs: 3000K, 3500K, 4000K and 5000K. Rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3-step MacAdam ellipses to achieve consistent color from fixture to fixture.

ELECTRICAL - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 12-gauge 6-wire plug connectors are included with every fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

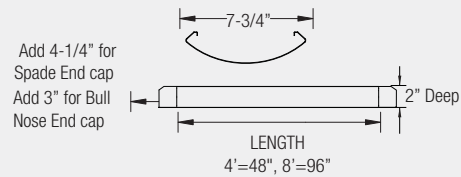
DIMMING - The ASI1-LED comes standard with 0-10V dimming on either 120 or 277V. Dimmable down to 1% of initial lumens. Also available in Lutron dimming options. Consult factory for dimmer compatibility.

MOUNTING - Pre-drilled mounting holes come standard on every fixture for cable suspension system and power cord every 48" and 96".

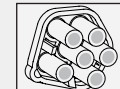
OPTIONS - Adjustable cable suspension system provides fast installation into a variety of interior heights, including sloped ceilings. Fixtures can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Leviton, Wattstopper, Hubble Automation, and others.

QUALITY CONTROL - Every fixture is turned on and rigorously tested by our QC Department before shipping.

WARRANTY - Limited 5 Year Warranty



Male & Female for Continuous Row Mounting



Male



Female

APPLICATION:

Open office space ambient lighting for virtually glare-free and shadow free illumination. Ideal for school classrooms, meeting rooms, and retail stores

PRODUCT FEATURES:

- Designed to mount on exact 4' and 8' centers
- Joiners will accept sterns, single cable, "V" cable and power cords
- An optical system engineered to maximize the output of LED light engines
- Can be mounted from 12" to 18" from the ceiling while still producing very wide distribution for even ceiling brightness
- Fixtures are shipped with die-cast aluminum joiners installed for suspension and structural continuity
- Fixtures are designed with a white acrylic overlay that provides glowing ambient downlighting
- White 20-gauge roll-formed steel housing
- Rated at 85+ CRI and available in multiple CCTs
- Life tested to ensure light output of L70 up to 150,000 hrs and L85 up to 65,000 hrs
- Tested to LM-79 and LM-80 standards
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Dimmable down to 1% with compatible dimming systems
- LED light engine is completely removable and upgradable

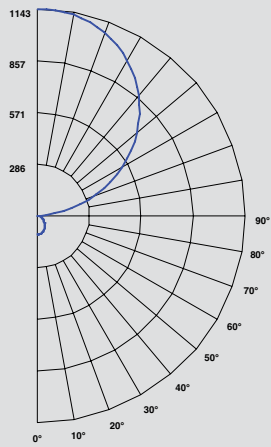
Ordering Information: Example: 4-ASI1-LED-4000L-DIM10-MVOLT-30K-85-7030-CRM

FIXTURE SIZE	SERIES		DIMMING	VOLTAGE	CCT	CRI		SUSPENSION
4 - 4' 8 - 8'	ASI1-LED Oracle Linear Direct/Indirect		DIM10 - DIM10-MVOLT LUTH - LUTH-MVOLT	MVOLT 347* <small>* Consult factory for details</small>	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	85		4-OCGSS - 4' Fixture 8-OCGSS - 8' Fixture CRM-GSS - 8' Fixture
LUMENS								
4' FIXTURE 4000L - (4000 lumens)								
8' FIXTURE 8000L - (8000 lumens)								
							% UP-DOWN	
							70U30D - (70% up 30% down)	
							60U40D - (60% up 40% down)	
							50U50D - (50% up 50% down)	
MOUNTING								
CRM - Continuous row mounting (When ordering for CRM, please indicate number of runs for complete order. - Shipped with male and female harness pre-installed. - Shipped with hardware to join fixtures together)								
CRMPF - Continuous row mounting w/ power feed (Must be ordered for each run separately. Example: For a 12' run - must specify 4-ASI1-LED-4000L-DIM10-MVOLT-30K-7030-CRM-2 and 4-ASI1-LED-4000L-DIM10-MVOLT-30K-7030-CRMPF-1)								
SUM - Single unit mounting								
OTHER OPTIONS								
INMS - Internal Motion Sensor FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Sensor USA - Made in America Compliance ASI-DJ-CLIP - Drywall toggle								

4-ASI1-LED-4000L-DIM10-MVOLT-7030

EFFICACY: **87** LM/WWATTAGE: **50 W**LUMENS: **4364**TOTAL LUMINAIRE EFFICACY: **87**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	79.57	1.30	1.80
0-40°	128.20	2.20	2.90
0-60°	223.87	3.80	5.10
0-90°	308.13	5.20	7.10
0-180°	4364.4	74.00	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	253	309	356
55°	194	289	358
65°	149	265	355
75°	116	246	356
85°	61	243	376

Candela Tabulation

	0	45	90
0	102.60	102.60	102.60
5	102.60	102.60	100.70
15	95.00	99.75	102.60
25	82.65	92.15	95.00
35	64.60	77.90	85.50
45	46.55	64.60	76.95
55	29.45	52.25	67.45
65	17.10	38.95	55.10
75	8.55	26.60	41.80
85	1.90	16.15	28.50
90	0.00	19.00	32.30

Spacing Criteria

0-180	: N/A
90-270	: N/A
Diagonal	: N/A

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	72	72	72	72	62	62	62	62	44	44	44	27	27	27	12	12	12	5							
1	65	62	59	57	56	54	52	50	38	37	36	24	23	22	11	10	10	4							
2	59	54	50	46	51	47	43	41	33	31	29	21	20	19	9	9	8	3							
3	54	47	42	38	46	41	37	34	29	27	24	18	17	16	8	8	7	3							
4	49	42	36	32	42	36	32	28	26	23	21	16	15	13	7	7	6	2							
5	45	37	31	27	39	32	28	24	23	20	18	14	13	11	7	6	5	2							
6	41	33	27	23	36	29	24	21	21	17	15	13	11	10	6	5	5	2							
7	38	30	24	20	33	26	21	18	18	15	13	12	10	9	5	5	4	2							
8	35	27	21	18	30	23	19	16	17	14	12	11	9	7	5	4	4	1							
9	33	24	19	15	28	21	17	14	15	12	10	10	8	7	4	4	3	1							
10	30	22	17	14	26	19	15	12	14	11	9	9	7	6	4	3	3	1							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance