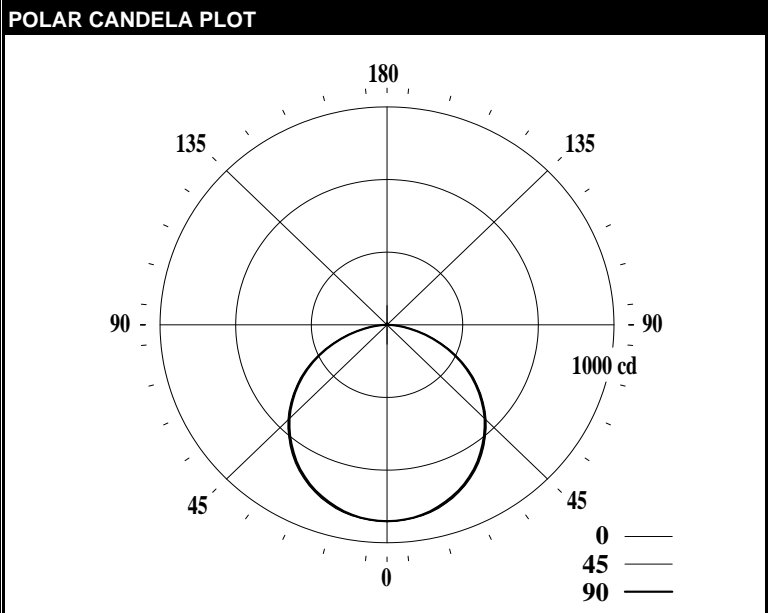


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	10 Jan 2019	<b>CATALOG NO:</b>	24x5L827EAJ
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE SUSPENDED 100% DN STD TW 827
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2642 lm 100.0%
<b>Input Watts:</b>	120 VAC 29.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	1% Up / 99% Dn 90.8
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	FP32 FP32Color S84846T2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	901	901	901	901	901	
5	898	898	898	898	897	85
15	872	867	869	869	865	245
25	814	808	811	809	806	373
35	727	722	725	721	717	452
45	618	613	614	608	608	472
55	485	482	481	477	477	429
65	337	335	331	328	328	328
75	180	176	175	174	174	186
85	40	42	44	45	45	51
90	0	0	0	0	0	
95	2	1	0	0	0	1
105	3	2	2	1	1	2
115	3	4	3	2	2	3
125	4	4	4	3	3	4
135	5	5	5	4	4	4
145	6	5	5	5	4	3
155	6	5	5	4	4	2
165	5	5	5	5	5	1
175	5	5	4	4	4	0
180	5	5	5	5	5	



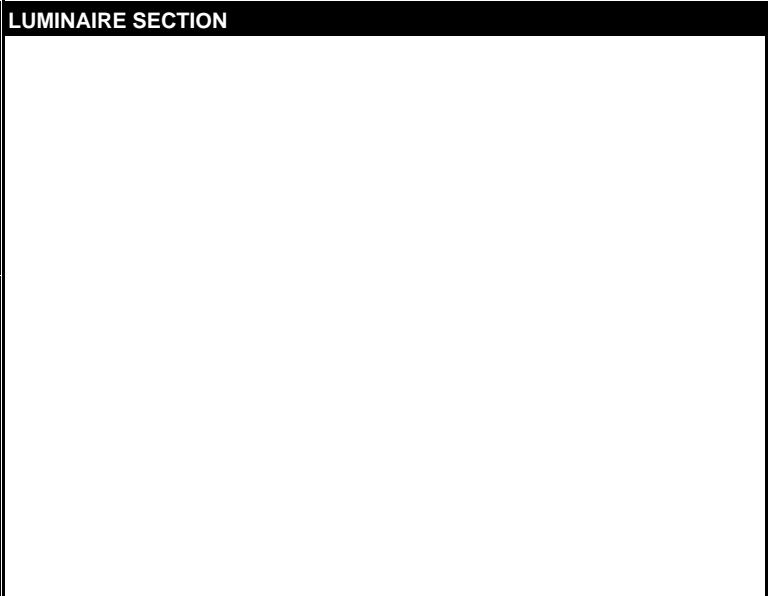
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	901.2	0.0	
Direct: Peak Candela & Angle (90deg)	901.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.27	1.26	N/A
Indirect: Peak Candela & Angle	6.4	145.0	
Indirect: Zenith Candela, Peak to Zenith	5.3	1.20	
Luminous Length, Width, Height (ft)	3.8906	0.5625	0.0000
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000	1.069	
DesignLights Consortium			N/A
x, y, CCT, Duv	0.4551	0.4066	2736 -0.0011
CRI (Ra), R9			83 9
120V: P(W), I(A), THD(%), PF	29.1	0.244	10.8 0.992
277V: P(W), I(A), THD(%), PF	28.9	0.112	16.8 0.930
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A N/A

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	99	
	1	108	104	99	95	106	101	97	97	94	91	83	
	2	98	90	83	77	96	88	82	84	79	75	69	
	3	90	79	71	64	87	77	70	74	68	62	58	
	4	82	70	61	54	80	69	60	66	59	53	49	
	5	75	62	53	47	73	61	53	59	51	46	42	
	6	70	56	47	41	68	55	47	53	46	40	37	
	7	64	51	42	36	63	50	42	48	41	35	33	
	8	60	46	38	32	58	46	37	44	37	31	29	
	9	56	42	34	29	55	42	34	41	33	28	26	
	10	52	39	31	26	51	39	31	38	31	26	24	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	704	26.6%	26.6%
0-40	1155	43.7%	43.7%
0-60	2056	77.8%	77.8%
0-90	2621	99.2%	99.2%
90-130	10	0.4%	0.4%
90-150	17	0.6%	0.6%
90-180	21	0.8%	0.8%
0-180	2642	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4431	4431	4431
5	4432	4432	4427
15	4440	4424	4402
25	4413	4402	4373
35	4363	4350	4305
45	4296	4267	4229
55	4160	4124	4087
65	3918	3855	3818
75	3412	3330	3310
85	2231	2472	2533



**LEDALITE**

Ledalite  
 19750 - 92A Avenue  
 Langley, BC  
 CANADA V1M 3B2  
 Phone: 604-888-6811  
 Fax: 800-665-5332  
 604-888-2003