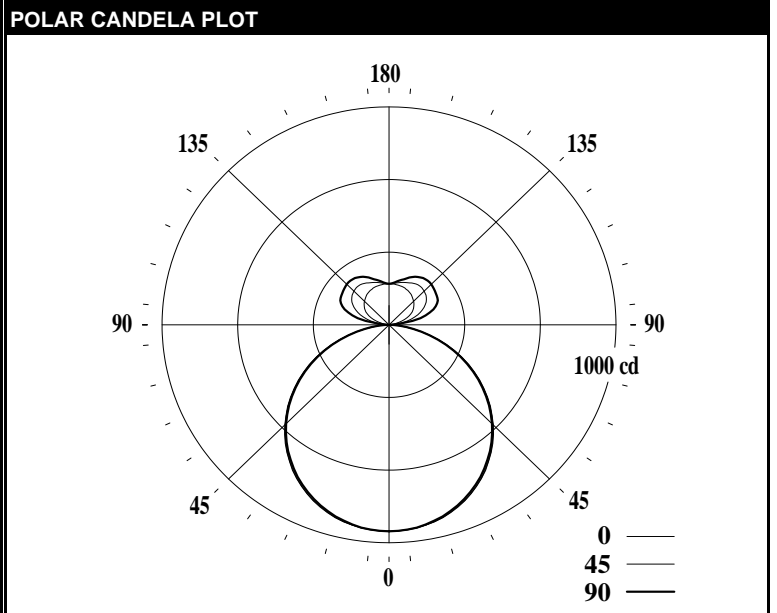


LEDALITE - FLOATPLANE

TEST DATE:	10 Jan 2019	CATALOG NO:	24x5L827CAG
Lamp Type:	LED	Description:	FLOATPLANE SUSPENDED 75% DN MID TW 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3714 lm 100.0%
Input Watts:	120 VAC 39.2	Up/Dn Ratio, Efficacy (lm/W):	26% Up / 74% Dn 94.7
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	FP44 FP44Color S84845T1

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	947	947	947	947	947	
5	945	943	943	943	943	90
15	916	911	915	913	911	258
25	855	850	854	851	847	392
35	765	759	763	759	756	476
45	650	646	647	643	641	498
55	511	510	507	504	503	453
65	357	354	353	350	348	348
75	188	188	187	186	184	198
85	43	44	47	47	47	54
90	0	3	4	6	6	
95	11	17	27	26	24	30
105	47	54	101	147	167	107
115	98	112	161	214	234	160
125	132	153	201	239	252	175
135	153	176	220	249	263	164
145	170	186	224	251	262	137
155	180	191	212	234	242	98
165	186	190	201	210	214	57
175	188	188	190	193	193	18
180	188	188	188	188	188	



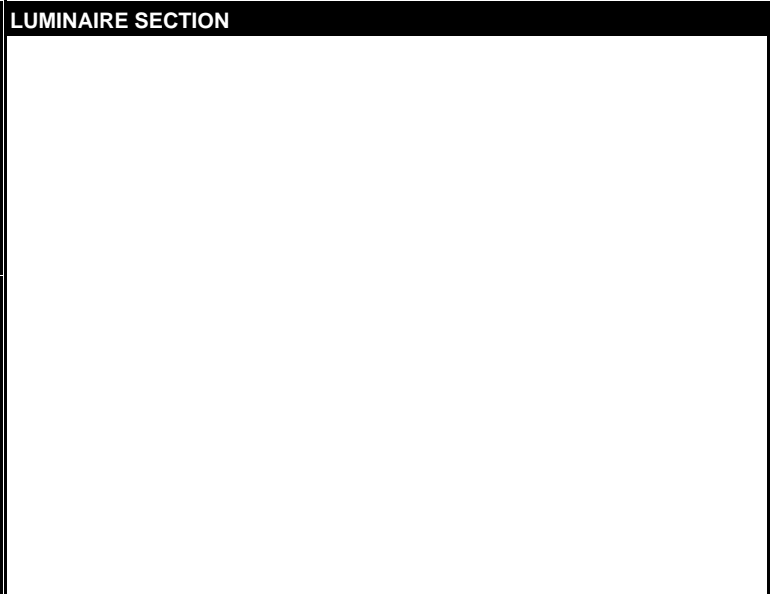
CHARACTERISTICS					
RP1	None				
Direct: Peak Candela & Angle (0deg)	947.3	0.0			
Direct: Peak Candela & Angle (90deg)	947.3	0.0			
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.26	N/A		
Indirect: Peak Candela & Angle	264.8	137.5			
Indirect: Zenith Candela, Peak to Zenith	188.3	1.41			
Luminous Length, Width, Height (ft)	3.8906	0.5625	0.0000		
UGR (4H x 8H, 0.25H)	N/A				
Ballast Factor, Multiplication Factor	1.000	1.416			
DesignLights Consortium	N/A				
x, y, CCT, Duv	0.4547	0.4064	2741	-0.0011	
CRI (Ra), R9	82		8		
120V: P(W), I(A), THD(%), PF	39.2	0.328	9.0	0.995	
277V: P(W), I(A), THD(%), PF	38.7	0.147	14.9	0.952	
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	113	113	113	113	107	107	107	97	97	97	74	
	1	103	98	94	90	98	94	90	85	82	79	62	
	2	94	86	79	73	89	82	76	74	69	65	52	
	3	85	75	67	61	81	72	64	65	59	54	43	
	4	78	66	58	51	74	63	56	58	51	46	37	
	5	71	59	50	44	68	56	49	51	45	40	32	
	6	66	53	44	38	62	51	43	46	40	35	28	
	7	61	48	39	34	58	46	38	42	35	31	24	
	8	57	44	35	30	54	42	34	38	32	27	22	
	9	53	40	32	27	50	38	31	35	29	24	20	
	10	49	37	29	24	47	35	28	32	26	22	18	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	740	19.9%	19.9%
0-40	1216	32.7%	32.7%
0-60	2167	58.3%	58.3%
0-90	2766	74.5%	74.5%
90-130	472	12.7%	12.7%
90-150	774	20.8%	20.8%
90-180	947	25.5%	25.5%
0-180	3714	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4658	4658	4658
5	4661	4654	4654
15	4663	4656	4634
25	4640	4632	4594
35	4589	4581	4538
45	4519	4500	4460
55	4382	4345	4309
65	4151	4102	4052
75	3578	3551	3497
85	2396	2636	2636



LEDALITE

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