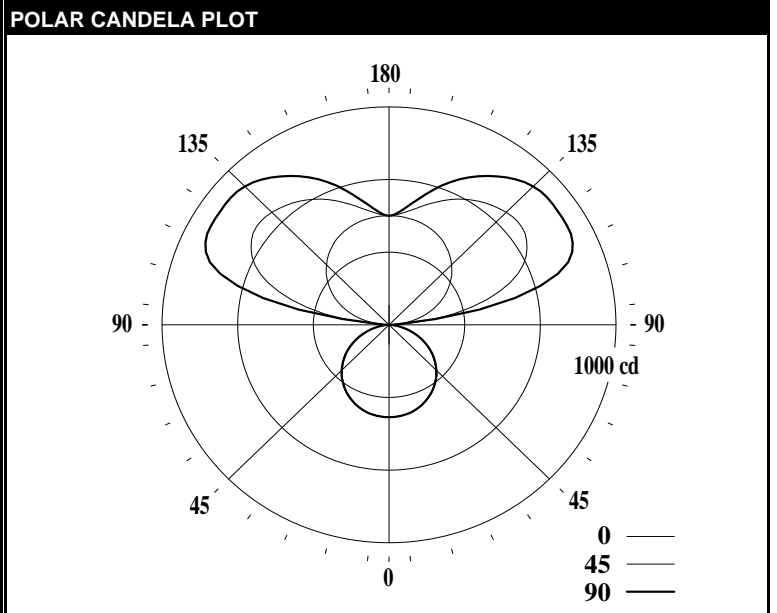


LEDALITE - FLOATPLANE

TEST DATE:	09 Jan 2019	CATALOG NO:	24x5LACAA
Lamp Type:	LED	Description:	FLOATPLANE SUSPENDED 70% UP MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4467 lm 100.0%
Input Watts:	120 VAC 35.5	Up/Dn Ratio, Efficacy (lm/W):	72% Up / 28% Dn 125.8
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	ITL84866-THD1 ITL84852 S84844-5

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	424	424	424	424	424	
5	422	422	422	422	422	40
15	411	408	411	411	411	116
25	384	382	385	387	384	177
35	344	343	347	347	345	216
45	291	293	294	296	296	227
55	230	232	235	233	233	208
65	161	162	162	161	161	160
75	85	87	87	87	85	91
85	20	21	23	23	23	27
90	0	4	9	10	11	
95	46	75	91	57	46	106
105	154	237	445	624	691	446
115	249	404	652	831	892	604
125	327	495	732	865	908	605
135	389	526	730	857	898	533
145	438	534	692	796	831	417
155	472	529	634	711	738	287
165	492	514	564	604	620	160
175	500	503	510	516	520	49
180	500	500	500	500	500	



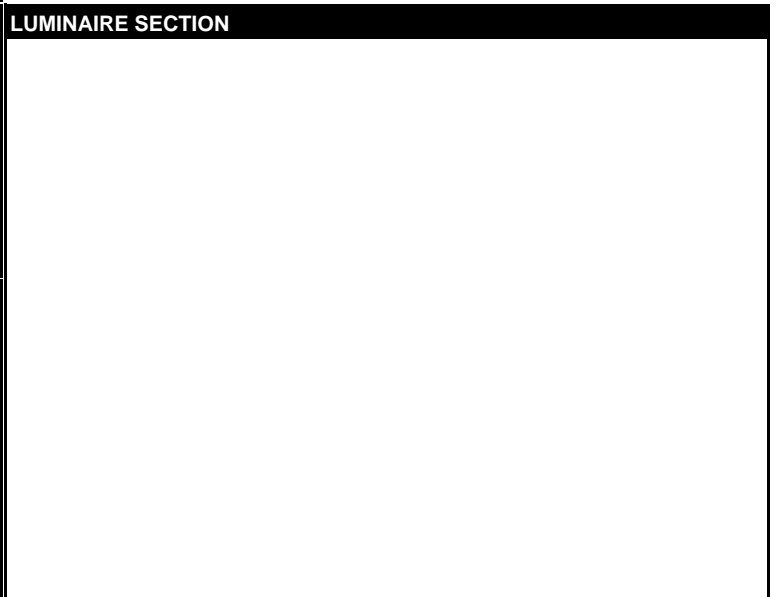
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	423.5	0.0	
Direct: Peak Candela & Angle (90deg)	423.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.29	N/A
Indirect: Peak Candela & Angle	909.4	127.5	
Indirect: Zenith Candela, Peak to Zenith	500.2	1.82	
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	1.421	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.3805	0.3811	4028 0.0020
CRI (Ra), R9	83 11		
120V: P(W), I(A), THD(%), PF	35.5	0.299	6.0 0.990
277V: P(W), I(A), THD(%), PF	34.8	0.128	12.9 0.980
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	102	102	102	102	91	91	91	71	71	71	28	
	1	93	89	85	81	83	79	76	62	60	58	23	
	2	84	77	71	66	75	69	64	54	51	48	19	
	3	77	68	60	55	68	61	55	48	43	40	16	
	4	70	60	52	46	62	54	47	42	37	34	14	
	5	64	53	45	39	57	48	41	38	33	29	12	
	6	59	47	39	34	52	43	36	34	29	25	10	
	7	54	42	35	29	48	38	32	30	25	22	9	
	8	50	38	31	26	45	35	28	28	23	19	8	
	9	47	35	28	23	42	31	25	25	20	17	7	
	10	43	32	25	20	39	29	23	23	18	15	7	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	333	7.5%	7.5%
0-40	549	12.3%	12.3%
0-60	983	22.0%	22.0%
0-90	1261	28.2%	28.2%
90-130	1761	39.4%	39.4%
90-150	2711	60.7%	60.7%
90-180	3206	71.8%	71.8%
0-180	4467	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2082	2082	2082
5	2083	2083	2083
15	2090	2090	2090
25	2081	2089	2081
35	2064	2081	2073
45	2026	2045	2055
55	1973	2010	1998
65	1868	1885	1868
75	1620	1647	1620
85	1122	1283	1283



LEDALITE

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