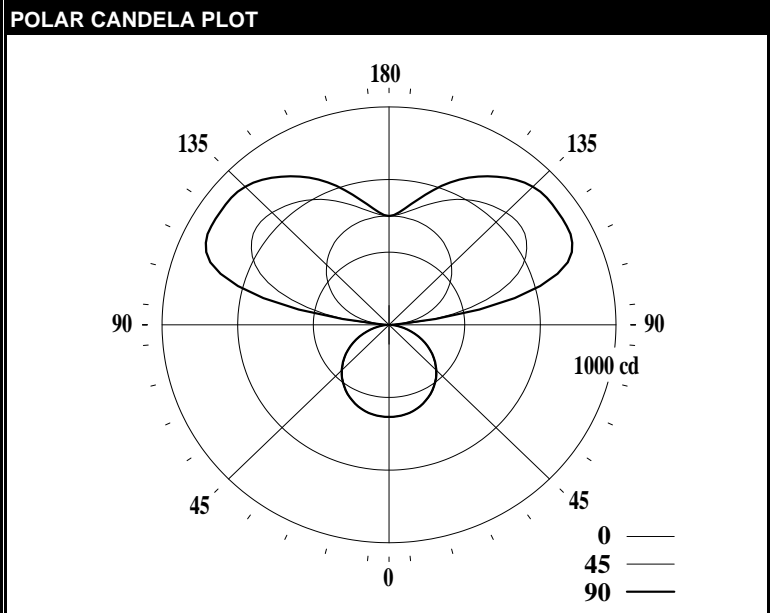


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	09 Jan 2019	<b>CATALOG NO:</b>	24x5LBCAA
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE SUSPENDED 70% UP MID 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4458 lm 100.0%
<b>Input Watts:</b>	120 VAC 35.6	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	72% Up / 28% Dn 125.2
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	ITL84866-THD1 ITL84851 S84844-4

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	423	423	423	423	423	
5	421	421	421	421	421	40
15	410	407	410	410	410	116
25	383	381	384	386	383	177
35	343	342	346	346	345	215
45	291	292	294	295	295	226
55	230	231	234	233	233	207
65	160	162	162	160	160	159
75	85	87	87	87	85	91
85	20	21	23	23	23	27
90	0	4	9	10	11	
95	45	75	91	57	45	106
105	153	237	444	623	689	445
115	248	403	651	830	891	603
125	326	494	730	864	906	604
135	389	525	729	855	896	531
145	437	533	691	794	830	416
155	471	528	632	709	736	286
165	491	513	563	603	618	159
175	499	502	509	515	519	49
180	499	499	499	499	499	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	422.6	0.0	
Direct: Peak Candela & Angle (90deg)	422.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.29	N/A
Indirect: Peak Candela & Angle	907.5	127.5	
Indirect: Zenith Candela, Peak to Zenith	499.1	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	1.418	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.4122	0.4000	3427 0.0030
CRI (Ra), R9	82 6		
120V: P(W), I(A), THD(%), PF	35.6	0.300	6.0 0.990
277V: P(W), I(A), THD(%), PF	34.9	0.129	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	332	7.5%	7.5%
0-40	548	12.3%	12.3%
0-60	981	22.0%	22.0%
0-90	1258	28.2%	28.2%
90-130	1757	39.4%	39.4%
90-150	2705	60.7%	60.7%
90-180	3200	71.8%	71.8%
0-180	4458	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	2078	2078	2078
5	2079	2079	2079
15	2086	2086	2086
25	2077	2085	2077
35	2060	2077	2068
45	2021	2041	2051
55	1969	2006	1993
65	1864	1881	1864
75	1616	1643	1616
85	1120	1280	1280

LUMINAIRE SECTION	



**LEDALITE**

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