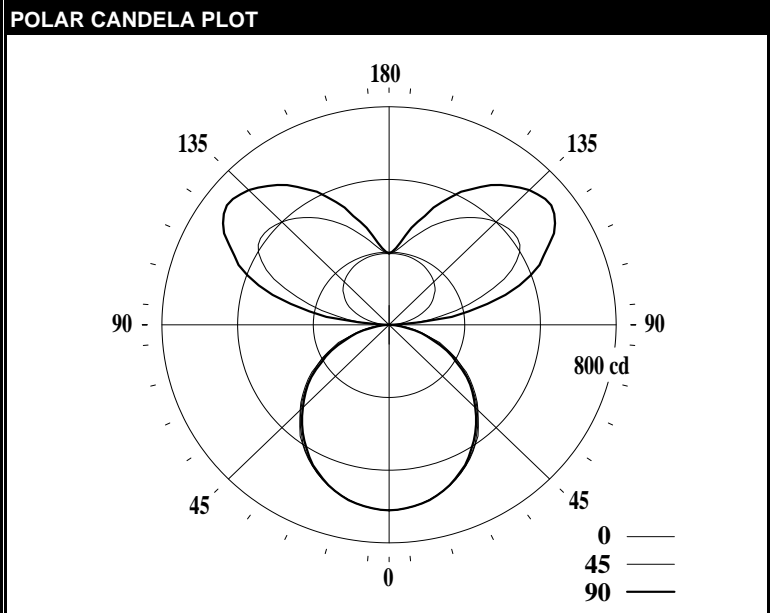


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LACAD04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 50%DN 4500LM 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4119 lm 100.0%
<b>Input Watts:</b>	277 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	54% Up / 46% Dn 130.8
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report:</b>	LNG00029

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	681	681	681	681	681	
5	676	677	676	677	676	64
15	648	653	649	651	649	184
25	599	604	600	600	595	277
35	532	538	529	529	520	332
45	443	453	439	443	429	342
55	348	354	339	343	334	308
65	238	243	231	233	224	233
75	126	134	123	122	118	134
85	33	39	26	30	21	36
90	0	0	0	0	0	
95	26	49	97	106	109	89
105	91	143	291	377	425	279
115	155	270	477	570	601	415
125	194	330	553	670	710	446
135	223	341	534	659	699	385
145	240	330	480	589	626	288
155	253	308	411	499	518	186
165	260	284	333	386	391	95
175	262	266	273	286	283	27
180	261	261	261	261	261	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	680.6	0.0	
Direct: Peak Candela & Angle (90deg)	680.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	720.2	127.5	
Indirect: Zenith Candela, Peak to Zenith	261.3	2.76	
Luminous Length, Width, Height (ft)	3.89	0.56	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	Standard	Standard	
x, y, CCT, Duv	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82	10	
120V: P(W), I(A), THD(%), PF	31.4	0.262	7.9 0.998
277V: P(W), I(A), THD(%), PF	31.5	0.117	10.0 0.973
347V: P(W), I(A), THD(%), PF	31.0	0.092	7.4 0.972

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	106	106	106	106	98	98	98	81	81	81	46	
	1	97	92	89	85	89	85	82	71	69	66	39	
	2	88	81	74	69	81	74	69	62	58	55	32	
	3	80	71	63	57	73	65	59	55	50	46	27	
	4	73	62	55	48	67	58	51	48	43	39	23	
	5	67	56	47	41	61	51	44	43	38	33	20	
	6	62	50	42	36	57	46	39	39	33	29	17	
	7	57	45	37	31	52	41	34	35	30	26	15	
	8	53	41	33	28	48	38	31	32	27	23	14	
	9	49	37	30	24	45	34	28	29	24	20	12	
	10	46	34	27	22	42	32	25	27	22	18	11	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	524	12.7%	12.7%
0-40	856	20.8%	20.8%
0-60	1506	36.6%	36.6%
0-90	1908	46.3%	46.3%
90-130	1230	29.9%	29.9%
90-150	1903	46.2%	46.2%
90-180	2211	53.7%	53.7%
0-180	4119	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3362	3362	3362
5	3349	3352	3350
15	3314	3317	3318
25	3267	3267	3242
35	3207	3192	3136
45	3094	3064	3000
55	2995	2922	2880
65	2782	2702	2623
75	2403	2344	2256
85	1887	1468	1184

LUMINAIRE SECTION	



**LEDALITE**

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