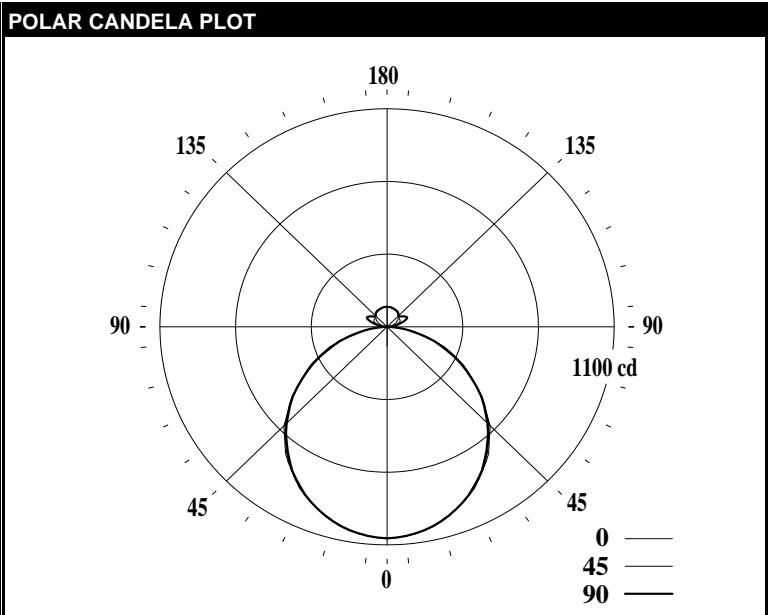


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LACAHO4
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 90%DN 4500LM 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3416 lm 100.0%
<b>Input Watts:</b>	277 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	12% Up / 88% Dn 108.4
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report:</b>	LNG00069

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1067	1067	1067	1067	1067	
5	1059	1061	1059	1061	1059	101
15	1018	1024	1014	1019	1015	287
25	939	951	937	942	936	434
35	835	838	829	835	823	521
45	707	710	696	697	688	539
55	533	558	532	545	531	484
65	373	390	370	379	361	372
75	204	211	199	210	194	216
85	54	61	50	55	48	62
90	0	0	0	0	0	
95	10	10	16	14	16	15
105	26	29	47	60	65	48
115	47	51	70	98	108	72
125	64	67	72	86	93	68
135	77	77	83	79	79	62
145	87	87	89	90	91	56
155	94	94	94	94	95	44
165	99	98	98	98	99	28
175	101	101	101	101	101	10
180	102	102	102	102	102	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1067.0	0.0	
Direct: Peak Candela & Angle (90deg)	1067.0	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	108.1	117.5	
Indirect: Zenith Candela, Peak to Zenith	101.5	1.07	
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	116	116	116	116	112	112	112	105	105	105	88	
	1	106	101	97	93	102	98	94	91	88	86	74	
	2	96	88	81	76	93	85	79	80	75	70	61	
	3	88	77	69	63	84	75	67	70	64	59	51	
	4	80	68	60	53	77	66	58	62	56	50	44	
	5	74	61	52	46	71	59	51	56	49	43	38	
	6	68	55	46	40	65	53	45	50	43	38	33	
	7	63	50	41	35	61	48	40	46	39	33	29	
	8	59	45	37	31	56	44	36	42	35	30	26	
	9	55	42	33	28	53	40	33	38	32	27	23	
	10	51	38	30	25	49	37	30	36	29	24	21	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	822	24.1%	24.1%
0-40	1343	39.3%	39.3%
0-60	2366	69.2%	69.2%
0-90	3016	88.3%	88.3%
90-130	203	5.9%	5.9%
90-150	320	9.4%	9.4%
90-180	401	11.7%	11.7%
0-180	3416	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5270	5270	5270
5	5250	5253	5249
15	5204	5184	5188
25	5119	5108	5103
35	5033	5001	4961
45	4937	4862	4803
55	4591	4580	4568
65	4361	4321	4222
75	3891	3794	3693
85	3077	2834	2698

LUMINAIRE SECTION	



**LEDALITE**

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