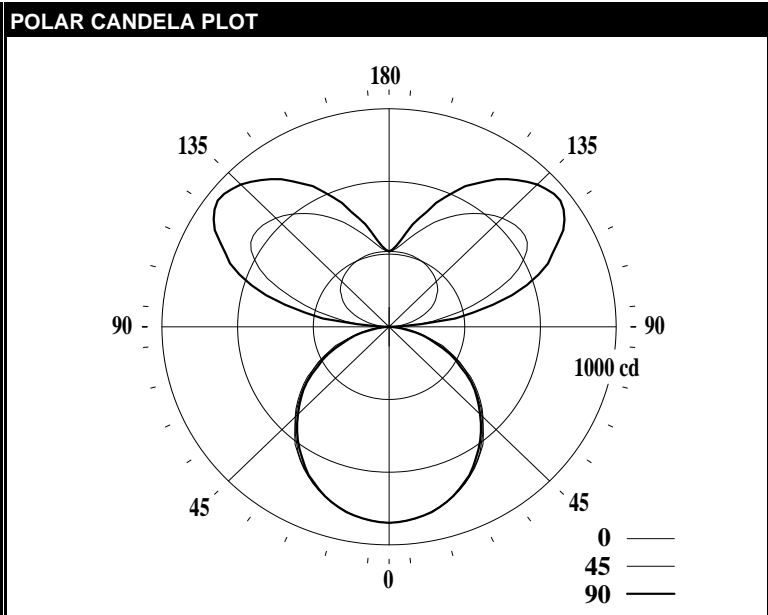


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCBAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 6000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5439 lm 100.0%
Input Watts:	120 VAC 42.3	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 128.6
CIE-IES Classification:	Direct-Indirect	Report:	LNG00032

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	899	899	899	899	899	
5	892	894	893	894	892	85
15	856	862	856	860	857	242
25	792	797	792	792	786	365
35	702	710	699	698	687	438
45	585	598	579	585	567	451
55	459	468	448	452	442	407
65	314	321	305	307	296	307
75	166	177	162	161	156	176
85	44	51	34	39	28	48
90	0	0	0	0	0	
95	35	64	128	140	144	118
105	120	189	384	498	561	369
115	204	356	630	753	794	548
125	256	436	730	885	938	589
135	294	450	705	870	923	509
145	318	436	634	778	827	381
155	334	407	542	659	684	246
165	343	375	440	510	517	126
175	346	351	361	378	374	36
180	345	345	345	345	345	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	898.8	0.0	
Direct: Peak Candela & Angle (90deg)	898.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	951.1	127.5	
Indirect: Zenith Candela, Peak to Zenith	345.1	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	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9		83	9
120V: P(W), I(A), THD(%), PF	42.3	0.355	7.0 0.993
277V: P(W), I(A), THD(%), PF	41.5	0.155	10.7 0.969
347V: P(W), I(A), THD(%), PF	41.4	0.122	7.2 0.977

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	693	12.7%	12.7%
0-40	1130	20.8%	20.8%
0-60	1988	36.6%	36.6%
0-90	2519	46.3%	46.3%
90-130	1624	29.9%	29.9%
90-150	2513	46.2%	46.2%
90-180	2920	53.7%	53.7%
0-180	5439	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4440	4440	4440
5	4423	4426	4424
15	4376	4379	4382
25	4314	4314	4282
35	4235	4215	4140
45	4085	4047	3961
55	3955	3859	3802
65	3673	3568	3463
75	3172	3095	2979
85	2494	1938	1559

LUMINAIRE SECTION	



LEDALITE

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