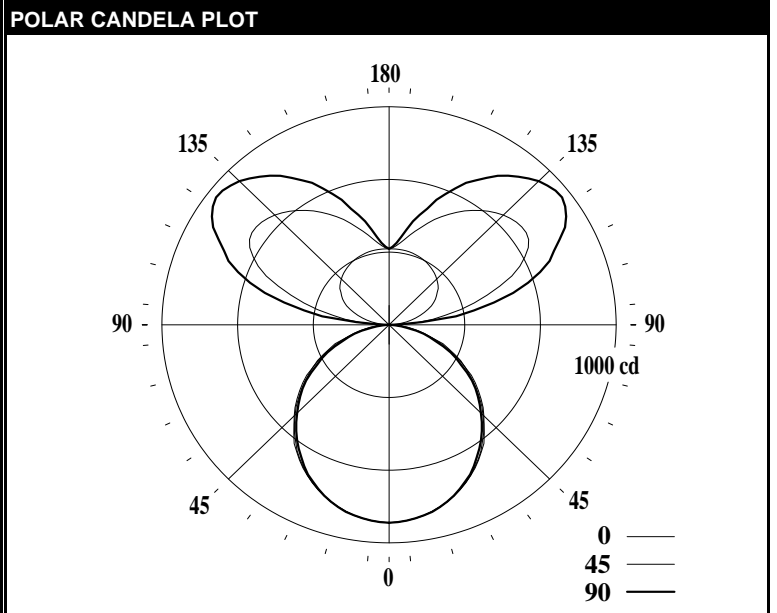


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LABAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 6000LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5492 lm 100.0%
Input Watts:	120 VAC 42.3	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 129.8
CIE-IES Classification:	Direct-Indirect	Report:	LNG00034

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	908	908	908	908	908	
5	901	903	901	903	901	86
15	864	870	865	868	865	245
25	799	805	799	799	793	369
35	709	717	706	705	693	442
45	591	604	585	591	573	456
55	464	472	452	457	446	411
65	317	324	308	310	299	310
75	168	178	164	162	158	178
85	44	52	35	39	28	48
90	0	0	0	0	0	
95	35	65	129	141	145	119
105	121	191	388	502	566	372
115	206	359	636	761	801	554
125	259	440	737	894	947	595
135	297	454	712	879	932	514
145	321	440	641	786	835	384
155	337	411	547	665	690	248
165	347	379	444	515	522	127
175	349	354	364	382	377	36
180	348	348	348	348	348	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	907.5	0.0	
Direct: Peak Candela & Angle (90deg)	907.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	960.3	127.5	
Indirect: Zenith Candela, Peak to Zenith	348.4	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	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	699	12.7%	12.7%
0-40	1141	20.8%	20.8%
0-60	2008	36.6%	36.6%
0-90	2544	46.3%	46.3%
90-130	1639	29.9%	29.9%
90-150	2537	46.2%	46.2%
90-180	2948	53.7%	53.7%
0-180	5492	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4483	4483	4483
5	4466	4468	4467
15	4418	4422	4424
25	4355	4356	4323
35	4276	4256	4181
45	4125	4086	3999
55	3993	3896	3839
65	3710	3602	3497
75	3202	3126	3008
85	2516	1955	1576

LUMINAIRE SECTION	



LEDALITE

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