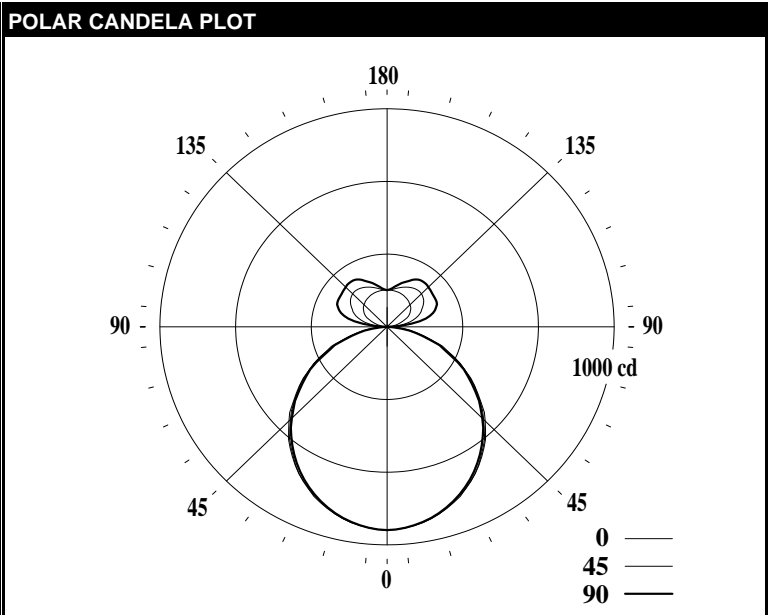


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LACAG04
Lamp Type:	LED	Description:	FLOATPLANE 75%DN 4500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3574 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	27% Up / 73% Dn 113.5
CIE-IES Classification:	Semi-Direct	Report:	LNG00049

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	932	932	932	932	932	
5	925	927	925	928	925	88
15	887	894	888	891	884	251
25	819	829	819	823	812	379
35	727	737	722	728	713	455
45	611	618	602	611	593	469
55	471	484	468	471	456	422
65	324	334	323	321	307	321
75	173	186	172	176	162	187
85	48	55	45	45	32	54
90	0	0	0	0	0	
95	13	21	43	43	64	42
105	51	57	118	165	196	121
115	96	107	166	218	243	162
125	125	147	197	231	249	171
135	143	166	215	243	257	159
145	155	174	214	246	260	132
155	163	175	201	225	233	93
165	167	172	185	199	201	53
175	169	169	171	173	174	17
180	168	168	168	168	168	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	932.1		0.0
Direct: Peak Candela & Angle (90deg)	932.1		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	261.1		140.0
Indirect: Zenith Candela, Peak to Zenith	168.3		1.55
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	113	113	113	113	107	107	107	96	96	96	73	
	1	103	98	94	90	97	93	90	84	81	79	61	
	2	93	85	79	73	88	81	75	74	69	65	51	
	3	85	75	67	61	80	71	64	65	59	54	43	
	4	78	66	58	52	74	63	56	57	51	46	37	
	5	71	59	51	44	68	56	49	51	45	40	32	
	6	66	53	45	38	62	51	43	46	40	35	28	
	7	61	48	40	34	58	46	38	42	35	31	24	
	8	57	44	36	30	54	42	34	38	32	27	22	
	9	53	40	32	27	50	38	31	35	29	25	20	
	10	49	37	29	24	47	35	28	33	26	22	18	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	718	20.1%	20.1%
0-40	1173	32.8%	32.8%
0-60	2063	57.7%	57.7%
0-90	2625	73.4%	73.4%
90-130	497	13.9%	13.9%
90-150	788	22.0%	22.0%
90-180	949	26.6%	26.6%
0-180	3574	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4604	4604	4604
5	4588	4586	4587
15	4538	4540	4522
25	4462	4465	4426
35	4383	4351	4301
45	4269	4204	4142
55	4055	4031	3929
65	3789	3776	3590
75	3307	3279	3084
85	2726	2522	1825

LUMINAIRE SECTION	



LEDALITE

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