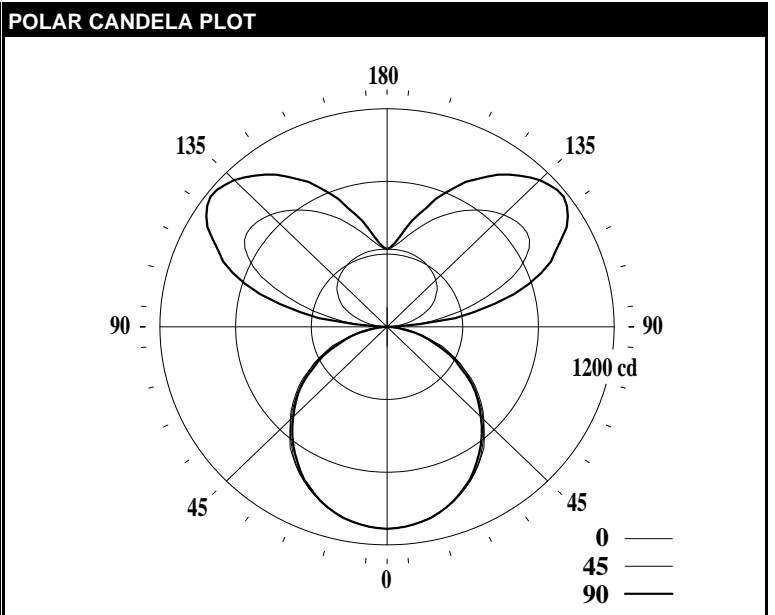


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCAAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 7500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6728 lm 100.0%
Input Watts:	120 VAC 53.4	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 126.0
CIE-IES Classification:	Direct-Indirect	Report:	LNG00037

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1112	1112	1112	1112	1112	
5	1103	1106	1104	1106	1104	105
15	1058	1066	1059	1064	1060	300
25	979	986	979	979	972	452
35	869	878	865	864	849	542
45	723	740	717	724	701	558
55	568	579	554	559	546	503
65	389	397	378	380	367	380
75	206	218	201	199	193	218
85	54	63	42	48	34	59
90	0	0	0	0	0	
95	43	79	158	173	178	146
105	149	234	476	616	694	456
115	252	440	779	932	982	678
125	317	539	903	1095	1160	729
135	364	557	872	1076	1142	629
145	393	539	785	962	1022	471
155	413	504	671	814	846	304
165	425	464	545	631	639	156
175	428	434	446	468	462	44
180	427	427	427	427	427	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1111.7		0.0
Direct: Peak Candela & Angle (90deg)	1111.7		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1176.4		127.5
Indirect: Zenith Candela, Peak to Zenith	426.9		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	53.4	0.449	9.9 0.990
277V: P(W), I(A), THD(%), PF	52.5	0.193	10.4 0.982
347V: P(W), I(A), THD(%), PF	52.4	0.155	8.8 0.975

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	857	12.7%	12.7%
0-40	1398	20.8%	20.8%
0-60	2459	36.6%	36.6%
0-90	3116	46.3%	46.3%
90-130	2008	29.9%	29.9%
90-150	3108	46.2%	46.2%
90-180	3612	53.7%	53.7%
0-180	6728	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5491	5491	5491
5	5471	5474	5472
15	5412	5417	5420
25	5336	5336	5296
35	5239	5213	5121
45	5053	5006	4900
55	4892	4773	4703
65	4544	4413	4284
75	3924	3828	3685
85	3083	2397	1933

LUMINAIRE SECTION	



LEDALITE

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