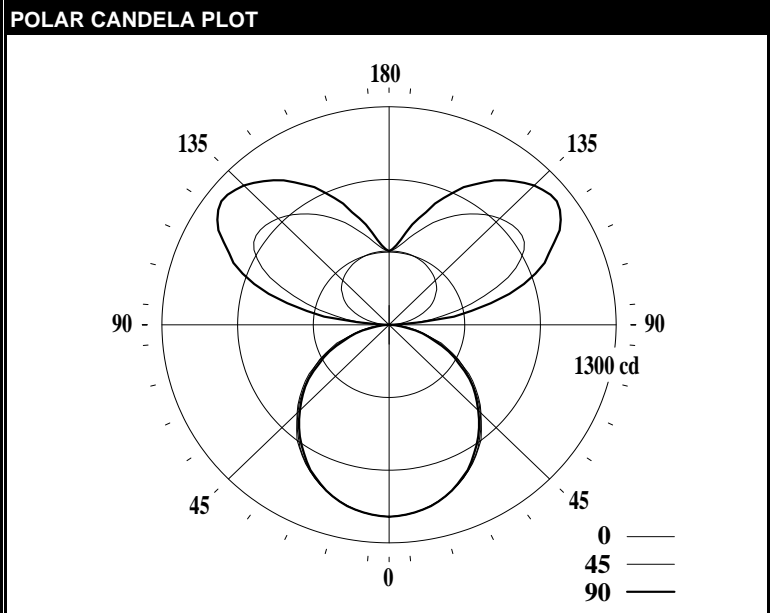


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LBAAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 7500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6923 lm 100.0%
Input Watts:	120 VAC 53.7	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 128.9
CIE-IES Classification:	Direct-Indirect	Report:	LNG00038

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1144	1144	1144	1144	1144	
5	1135	1138	1136	1138	1136	108
15	1089	1097	1090	1095	1091	308
25	1007	1015	1007	1008	1000	465
35	894	903	890	889	874	557
45	744	761	737	745	722	574
55	585	595	570	576	562	518
65	400	408	389	391	377	391
75	212	225	206	205	199	224
85	56	65	44	50	35	61
90	0	0	0	0	0	
95	44	82	163	178	183	150
105	153	241	489	633	714	469
115	260	453	801	959	1010	698
125	326	555	929	1127	1194	750
135	375	573	897	1108	1175	648
145	404	555	807	990	1052	484
155	425	518	690	838	870	313
165	437	478	560	649	658	160
175	440	446	459	481	476	45
180	439	439	439	439	439	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1143.9	0.0	
Direct: Peak Candela & Angle (90deg)	1143.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1210.4	127.5	
Indirect: Zenith Candela, Peak to Zenith	439.2	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	0.4036	0.3898	3529 0.0000
CRI (Ra), R9		82	9
120V: P(W), I(A), THD(%), PF	53.7	0.450	9.8 0.995
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	881	12.7%	12.7%
0-40	1439	20.8%	20.8%
0-60	2531	36.6%	36.6%
0-90	3206	46.3%	46.3%
90-130	2067	29.9%	29.9%
90-150	3198	46.2%	46.2%
90-180	3717	53.7%	53.7%
0-180	6923	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5650	5650	5650
5	5629	5633	5631
15	5569	5574	5577
25	5490	5490	5449
35	5391	5364	5270
45	5199	5150	5041
55	5034	4911	4839
65	4676	4541	4407
75	4038	3939	3792
85	3168	2465	1989

LUMINAIRE SECTION	



LEDALITE

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