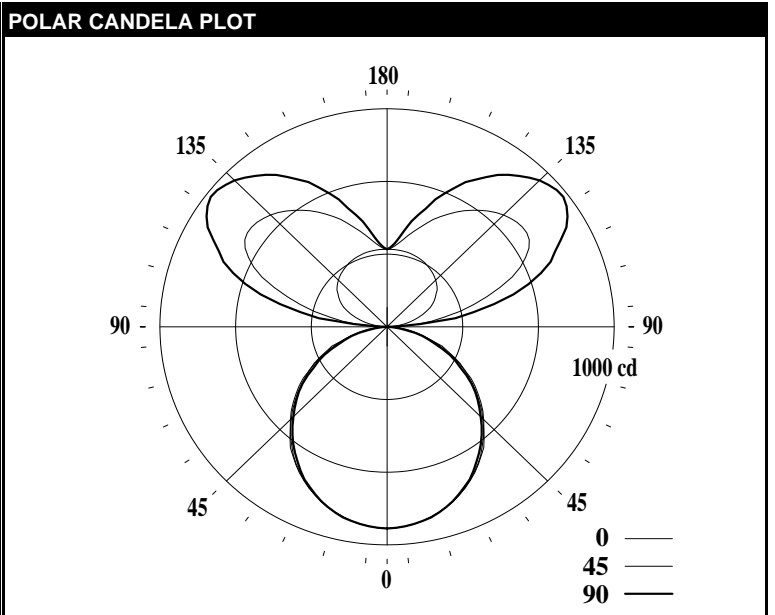


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LBBAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 6000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5597 lm 100.0%
Input Watts:	120 VAC 42.3	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 132.3
CIE-IES Classification:	Direct-Indirect	Report:	LNG00033

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	925	925	925	925	925	
5	918	920	918	920	918	87
15	881	887	881	885	882	249
25	814	820	815	815	808	376
35	723	730	719	718	707	451
45	602	615	596	602	584	464
55	473	481	461	465	454	418
65	323	330	314	316	305	316
75	171	182	167	165	161	181
85	45	53	35	40	28	49
90	0	0	0	0	0	
95	36	66	132	144	148	121
105	124	195	396	512	577	379
115	210	366	648	775	817	564
125	264	449	751	911	965	606
135	303	463	725	895	950	523
145	327	448	653	801	851	392
155	344	419	558	678	703	253
165	353	386	453	525	532	129
175	356	361	371	389	384	37
180	355	355	355	355	355	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	924.8		0.0
Direct: Peak Candela & Angle (90deg)	924.8		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	978.6		127.5
Indirect: Zenith Candela, Peak to Zenith		355.1	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)		Premium	Premium
x, y, CCT, Duv	0.4036	0.3898	3529 0.0000
CRI (Ra), R9			82 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	713	12.7%	12.7%
0-40	1163	20.8%	20.8%
0-60	2046	36.6%	36.6%
0-90	2592	46.3%	46.3%
90-130	1671	29.9%	29.9%
90-150	2586	46.2%	46.2%
90-180	3005	53.7%	53.7%
0-180	5597	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4568	4568	4568
5	4551	4554	4553
15	4503	4506	4509
25	4439	4439	4405
35	4358	4337	4260
45	4203	4164	4076
55	4070	3971	3912
65	3780	3671	3564
75	3263	3185	3065
85	2562	1995	1604

LUMINAIRE SECTION	



LEDALITE

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