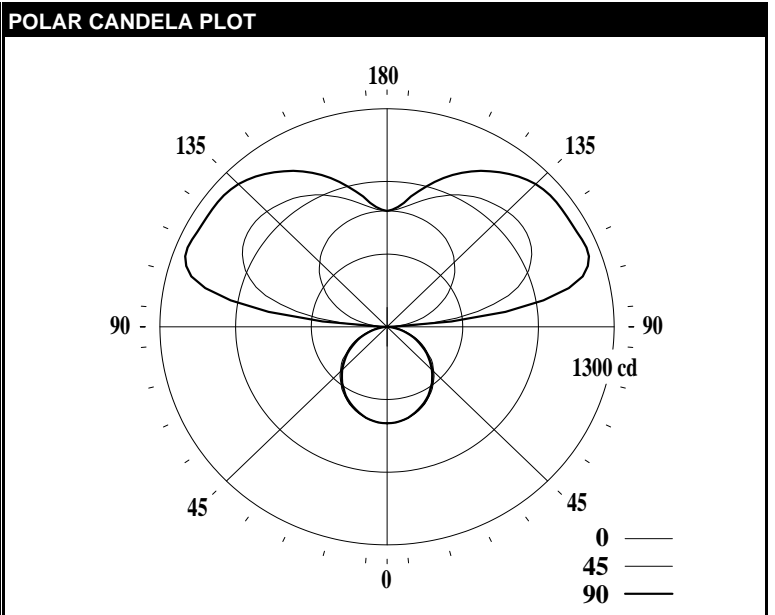


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LBAA04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE STD 6000LM 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6146 lm 100.0%
<b>Input Watts:</b>	120 VAC 42.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	74% Up / 26% Dn 145.3
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report:</b>	LNG00013

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	575	575	575	575	575	
5	571	573	571	573	572	54
15	547	553	549	551	546	155
25	509	513	506	507	500	234
35	451	454	443	446	437	280
45	379	382	370	369	363	288
55	290	297	283	285	277	257
65	202	207	192	193	186	194
75	109	112	99	101	95	110
85	28	33	21	20	16	28
90	0	0	0	0	0	
95	69	123	253	227	371	237
105	215	329	720	974	1160	698
115	344	535	907	1143	1231	833
125	456	655	975	1153	1222	811
135	544	710	972	1143	1204	715
145	610	732	935	1080	1125	567
155	652	729	868	983	1013	395
165	678	713	780	852	866	222
175	690	696	704	724	717	69
180	691	691	691	691	691	



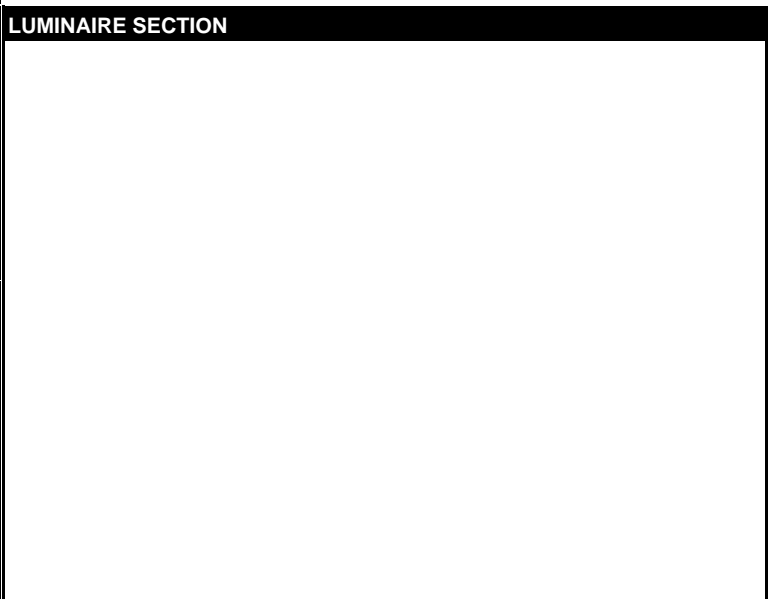
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	575.4	0.0	
Direct: Peak Candela & Angle (90deg)	575.4	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1235.9	112.5	
Indirect: Zenith Candela, Peak to Zenith	690.9	1.79	
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	101	101	101	101	90	90	90	70	70	70	26	
	1	92	88	84	81	82	79	76	61	59	57	22	
	2	84	77	71	66	75	69	64	53	50	47	18	
	3	77	67	60	55	68	60	54	47	43	39	15	
	4	70	60	52	46	62	53	47	42	37	33	13	
	5	64	53	45	39	57	47	41	37	32	29	11	
	6	59	47	39	34	52	42	36	33	28	25	10	
	7	54	42	35	29	48	38	32	30	25	22	9	
	8	50	38	31	26	45	35	28	27	22	19	8	
	9	47	35	28	23	41	31	25	25	20	17	7	
	10	43	32	25	20	39	29	23	23	18	15	6	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	443	7.2%	7.2%
0-40	723	11.8%	11.8%
0-60	1268	20.6%	20.6%
0-90	1600	26.0%	26.0%
90-130	2579	42.0%	42.0%
90-150	3861	62.8%	62.8%
90-180	4546	74.0%	74.0%
0-180	6146	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	2842	2842	2842
5	2832	2833	2838
15	2798	2808	2791
25	2772	2760	2727
35	2720	2672	2637
45	2645	2581	2538
55	2500	2438	2388
65	2356	2241	2168
75	2071	1889	1813
85	1559	1167	890



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