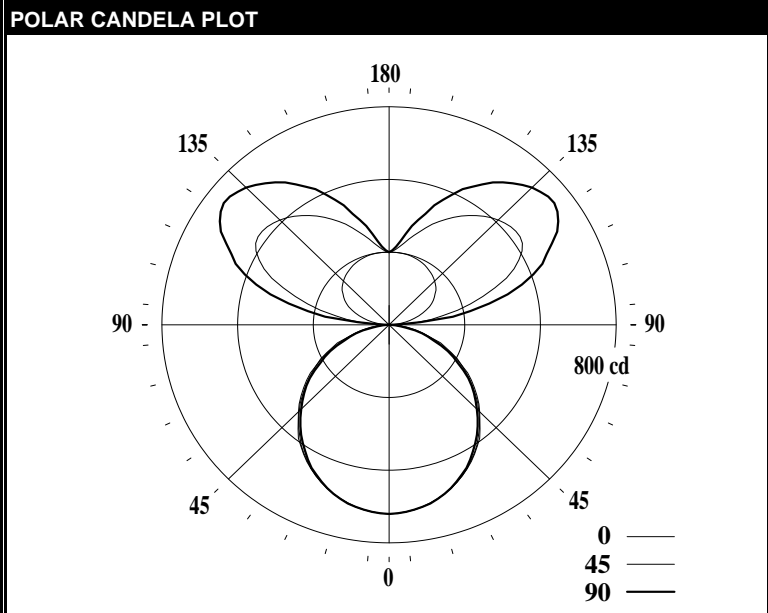


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LBCAD04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 50%DN 4500LM 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4198 lm 100.0%
<b>Input Watts:</b>	277 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	54% Up / 46% Dn 133.3
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report:</b>	LNG00028

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	694	694	694	694	694	
5	688	690	689	690	689	66
15	660	665	661	664	661	187
25	611	615	611	611	606	282
35	542	548	540	539	530	338
45	451	461	447	452	438	348
55	355	361	346	349	341	314
65	243	248	236	237	229	237
75	128	136	125	124	121	136
85	34	40	26	30	21	37
90	0	0	0	0	0	
95	27	50	99	108	111	91
105	93	146	297	384	433	285
115	158	275	486	581	612	423
125	198	336	564	683	724	455
135	227	347	544	672	712	393
145	245	336	490	601	638	294
155	258	314	418	508	528	190
165	265	290	340	393	399	97
175	267	271	278	292	288	28
180	266	266	266	266	266	



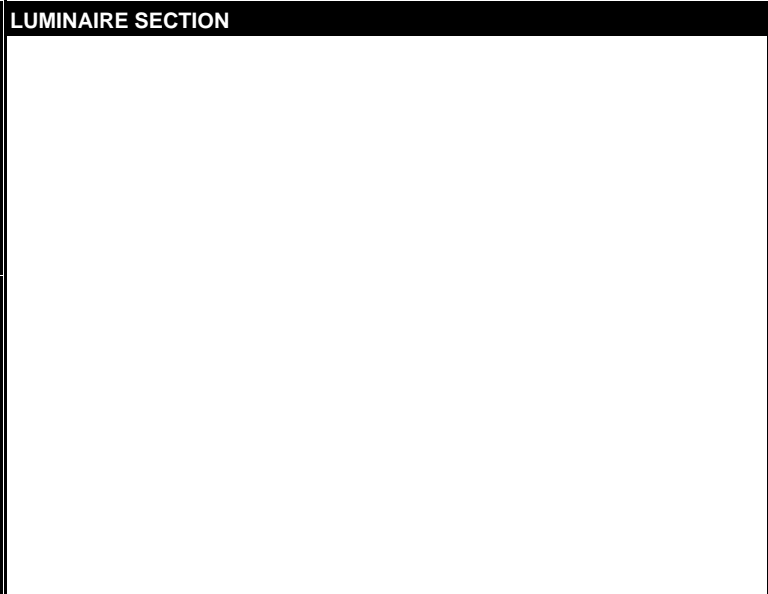
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	693.6	0.0	
Direct: Peak Candela & Angle (90deg)	693.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	734.0	127.5	
Indirect: Zenith Candela, Peak to Zenith	266.3	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	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	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	534	12.7%	12.7%
0-40	872	20.8%	20.8%
0-60	1535	36.6%	36.6%
0-90	1944	46.3%	46.3%
90-130	1253	29.9%	29.9%
90-150	1939	46.2%	46.2%
90-180	2254	53.7%	53.7%
0-180	4198	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3426	3426	3426
5	3413	3416	3415
15	3377	3380	3382
25	3329	3329	3304
35	3269	3253	3195
45	3152	3123	3057
55	3053	2978	2935
65	2835	2754	2673
75	2449	2389	2300
85	1921	1496	1207



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