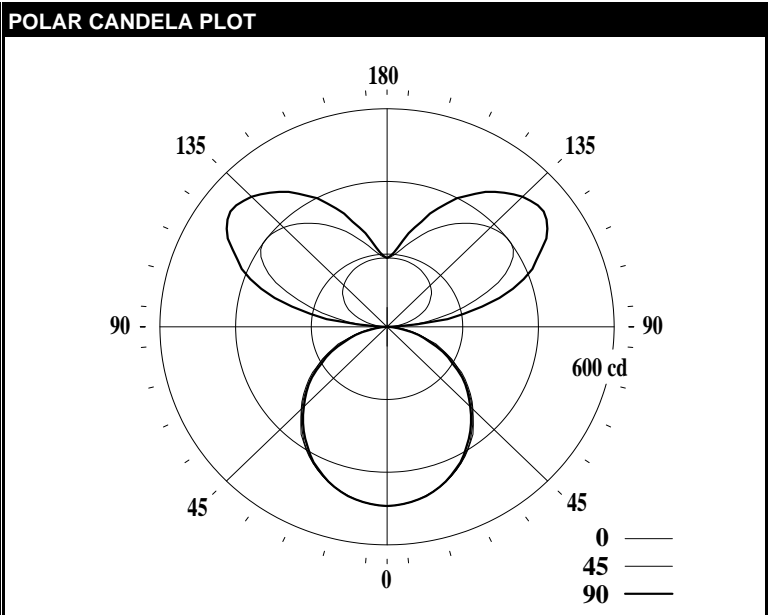


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LBEAD04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 50%DN 3200LM 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2983 lm 100.0%
<b>Input Watts:</b>	277 VAC 22.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	54% Up / 46% Dn 133.8
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report:</b>	LNG00023

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	493	493	493	493	493	
5	489	491	490	491	489	47
15	469	473	470	472	470	133
25	434	437	434	434	431	200
35	385	389	383	383	377	240
45	321	328	318	321	311	248
55	252	257	246	248	242	223
65	172	176	167	169	163	168
75	91	97	89	88	86	97
85	24	28	19	21	15	26
90	0	0	0	0	0	
95	19	35	70	77	79	65
105	66	104	211	273	308	202
115	112	195	345	413	435	301
125	141	239	401	486	515	323
135	161	247	387	477	506	279
145	174	239	348	427	453	209
155	183	223	297	361	375	135
165	188	206	241	280	283	69
175	190	192	198	207	205	20
180	189	189	189	189	189	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	493.0	0.0	
Direct: Peak Candela & Angle (90deg)	493.0	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	521.7	127.5	
Indirect: Zenith Candela, Peak to Zenith	189.3	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)	N/A	N/A	
x, y, CCT, Duv	0.4036	0.3898	3529 0.0000
CRI (Ra), R9	82		9
120V: P(W), I(A), THD(%), PF	22.3	0.186	11.6 0.997
277V: P(W), I(A), THD(%), PF	22.3	0.086	12.7 0.938
347V: P(W), I(A), THD(%), PF	22.3	0.068	9.6 0.952

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	380	12.7%	12.7%
0-40	620	20.8%	20.8%
0-60	1091	36.6%	36.6%
0-90	1382	46.3%	46.3%
90-130	891	29.9%	29.9%
90-150	1378	46.2%	46.2%
90-180	1602	53.7%	53.7%
0-180	2983	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	2435	2435	2435
5	2426	2428	2427
15	2400	2402	2403
25	2366	2366	2348
35	2323	2312	2271
45	2241	2220	2172
55	2169	2117	2086
65	2015	1957	1899
75	1740	1699	1634
85	1366	1060	856

LUMINAIRE SECTION	



**LEDALITE**

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