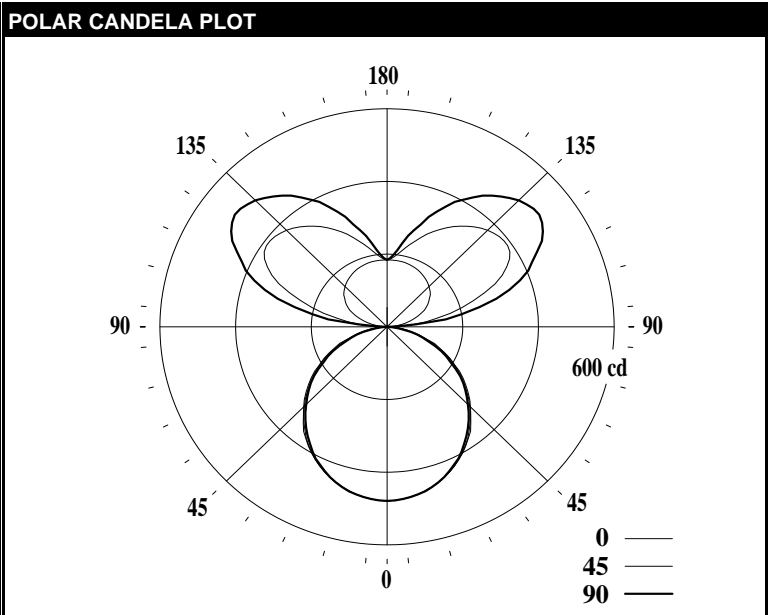


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCEAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 3200LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2900 lm 100.0%
Input Watts:	277 VAC 22.3	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 130.0
CIE-IES Classification:	Direct-Indirect	Report:	LNG00022

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	479	479	479	479	479	
5	476	477	476	477	476	45
15	456	459	457	458	457	129
25	422	425	422	422	419	195
35	374	378	373	372	366	233
45	312	319	309	312	302	241
55	245	249	239	241	235	217
65	168	171	163	164	158	164
75	89	94	87	86	83	94
85	23	27	18	21	15	25
90	0	0	0	0	0	
95	18	34	68	75	77	63
105	64	101	205	265	299	197
115	109	190	336	402	423	292
125	137	232	389	472	500	314
135	157	240	376	464	492	271
145	169	232	338	415	441	203
155	178	217	289	351	364	131
165	183	200	235	272	275	67
175	184	187	192	202	199	19
180	184	184	184	184	184	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	479.1	0.0	
Direct: Peak Candela & Angle (90deg)	479.1	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	507.0	127.5	
Indirect: Zenith Candela, Peak to Zenith	184.0	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	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9	83	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	369	12.7%	12.7%
0-40	603	20.8%	20.8%
0-60	1060	36.6%	36.6%
0-90	1343	46.3%	46.3%
90-130	866	29.9%	29.9%
90-150	1340	46.2%	46.2%
90-180	1557	53.7%	53.7%
0-180	2900	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2366	2366	2366
5	2358	2359	2359
15	2333	2334	2336
25	2299	2300	2282
35	2258	2247	2207
45	2177	2157	2112
55	2108	2057	2027
65	1959	1902	1845
75	1691	1651	1588
85	1326	1031	833

LUMINAIRE SECTION	



LEDALITE

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