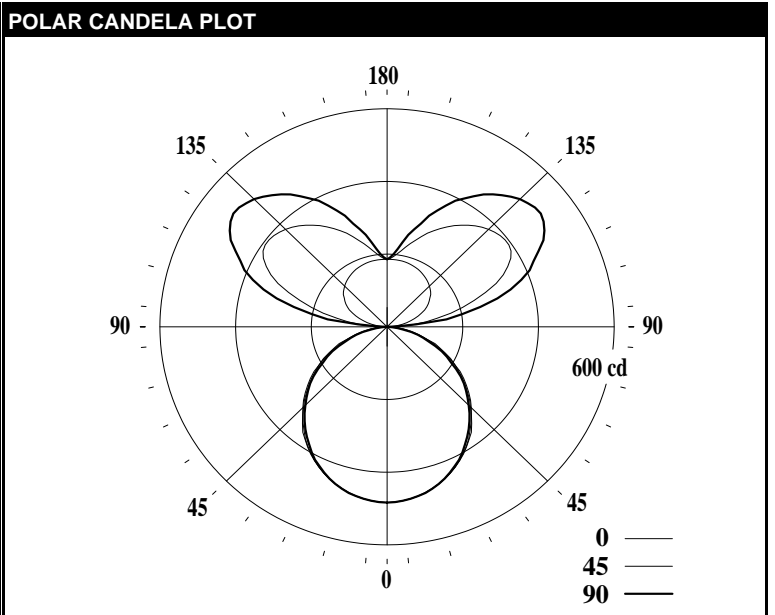


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LAEAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 3200LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2928 lm 100.0%
Input Watts:	277 VAC 22.3	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 131.3
CIE-IES Classification:	Direct-Indirect	Report:	LNG00024

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	484	484	484	484	484	
5	480	481	480	481	480	46
15	461	464	461	463	461	130
25	426	429	426	426	423	197
35	378	382	376	376	370	236
45	315	322	312	315	305	243
55	247	252	241	243	238	219
65	169	173	164	166	160	165
75	90	95	87	87	84	95
85	24	28	18	21	15	26
90	0	0	0	0	0	
95	19	35	69	75	77	63
105	65	102	207	268	302	198
115	110	192	339	405	427	295
125	138	235	393	477	505	317
135	158	242	379	468	497	274
145	171	235	341	419	445	205
155	180	219	292	354	368	132
165	185	202	237	274	278	68
175	186	189	194	203	201	19
180	186	186	186	186	186	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	483.7	0.0	
Direct: Peak Candela & Angle (90deg)	483.7	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	511.9	127.5	
Indirect: Zenith Candela, Peak to Zenith	185.7	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	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82		10
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	373	12.7%	12.7%
0-40	608	20.8%	20.8%
0-60	1070	36.6%	36.6%
0-90	1356	46.3%	46.3%
90-130	874	29.9%	29.9%
90-150	1353	46.2%	46.2%
90-180	1572	53.7%	53.7%
0-180	2928	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2389	2389	2389
5	2380	2382	2381
15	2355	2357	2358
25	2322	2322	2304
35	2279	2268	2228
45	2198	2178	2132
55	2129	2077	2046
65	1978	1920	1864
75	1708	1666	1603
85	1343	1043	839

LUMINAIRE SECTION	



LEDALITE

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