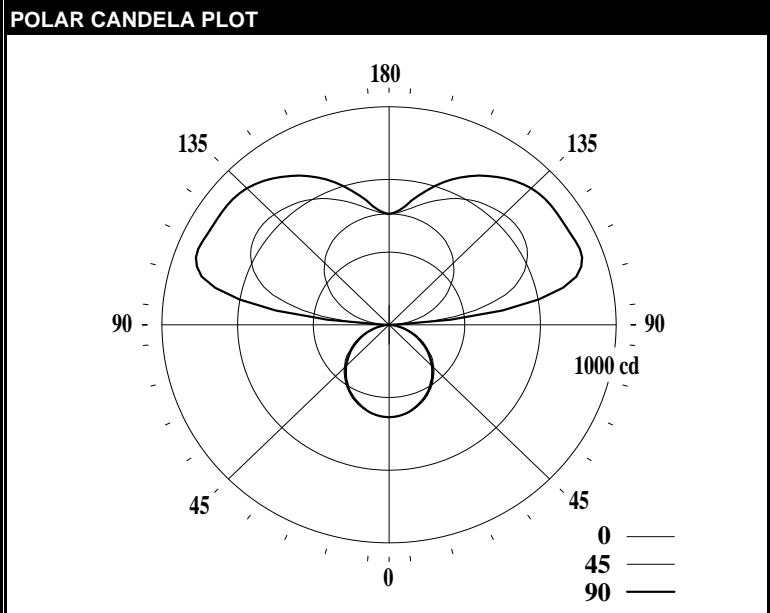


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LACAA04
Lamp Type:	LED	Description:	FLOATPLANE STD 4500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4523 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	74% Up / 26% Dn 143.6
CIE-IES Classification:	Semi-Indirect	Report:	LNG00009

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	424	424	424	424	424	
5	420	422	421	421	421	40
15	403	407	404	405	402	114
25	374	378	373	374	368	172
35	332	334	326	328	322	206
45	279	281	272	272	267	212
55	214	218	208	209	204	189
65	148	152	141	142	137	143
75	80	82	73	75	70	81
85	20	24	15	14	12	21
90	0	0	0	0	0	
95	51	90	187	167	273	175
105	158	242	530	717	854	514
115	253	393	668	841	906	613
125	336	482	718	849	899	597
135	400	523	716	841	886	526
145	449	539	688	795	828	417
155	480	536	639	724	746	291
165	499	525	574	627	637	163
175	508	512	518	533	528	50
180	509	509	509	509	509	



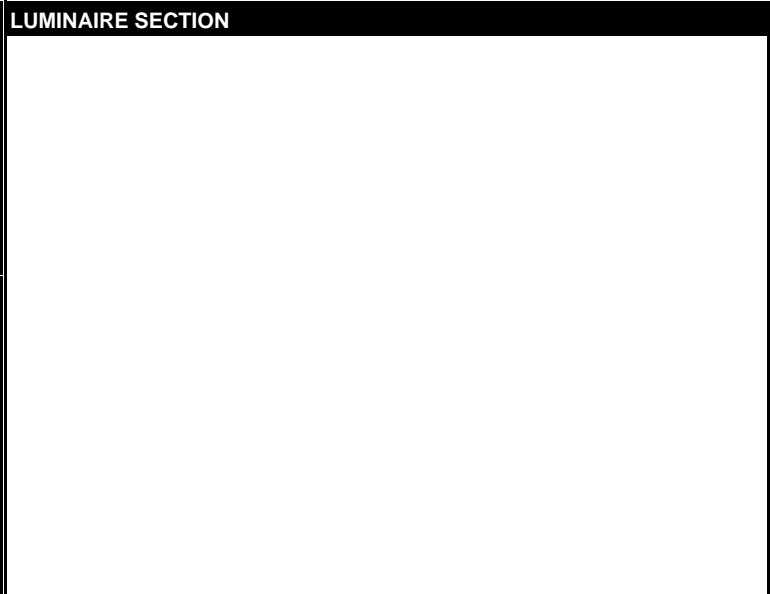
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	423.5	0.0	
Direct: Peak Candela & Angle (90deg)	423.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	909.6	112.5	
Indirect: Zenith Candela, Peak to Zenith	508.5	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	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82	10	
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	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	326	7.2%	7.2%
0-40	532	11.8%	11.8%
0-60	933	20.6%	20.6%
0-90	1177	26.0%	26.0%
90-130	1898	42.0%	42.0%
90-150	2842	62.8%	62.8%
90-180	3346	74.0%	74.0%
0-180	4523	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2092	2092	2092
5	2084	2085	2088
15	2059	2067	2054
25	2040	2031	2007
35	2002	1966	1940
45	1946	1900	1868
55	1840	1794	1758
65	1734	1649	1595
75	1525	1391	1334
85	1150	861	652



LEDALITE

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