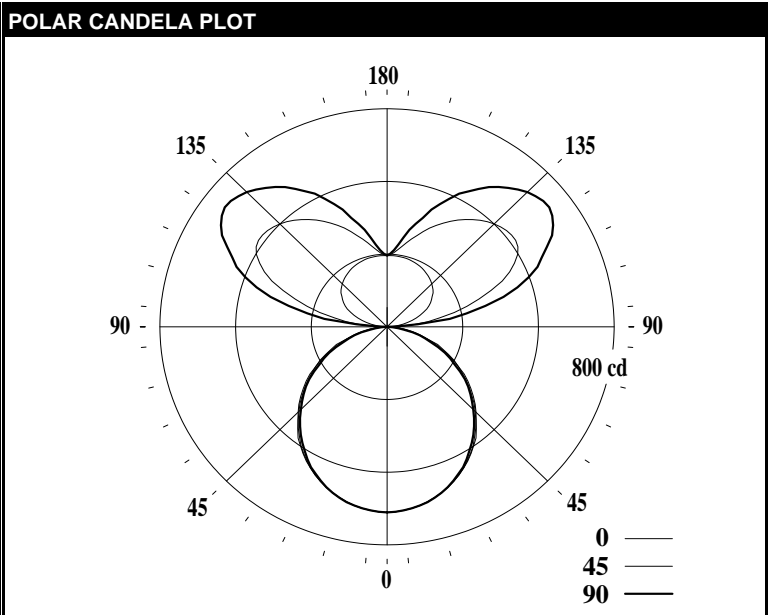


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSCAD04
Lamp Type:	LED	Description:	FLOATPLANE 50%DN 4500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4120 lm 100.0%
Input Watts:	277 VAC 37.8	Up/Dn Ratio, Efficacy (lm/W):	54% Up / 46% Dn 109.0
CIE-IES Classification:	Direct-Indirect	Report:	LNG00106

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	681	681	681	681	681	
5	676	678	676	678	676	64
15	648	653	649	652	649	184
25	600	604	600	600	595	277
35	532	538	530	529	520	332
45	443	453	439	444	430	342
55	348	354	339	343	335	308
65	238	243	231	233	225	233
75	126	134	123	122	118	134
85	33	39	26	30	21	36
90	0	0	0	0	0	
95	26	49	97	106	109	89
105	91	143	291	377	425	279
115	155	270	477	571	601	415
125	194	330	553	671	711	446
135	223	341	534	659	699	385
145	241	330	481	589	626	288
155	253	309	411	499	518	186
165	260	284	334	386	391	95
175	262	266	273	286	283	27
180	261	261	261	261	261	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	680.8	0.0	
Direct: Peak Candela & Angle (90deg)	680.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	720.5	127.5	
Indirect: Zenith Candela, Peak to Zenith	261.4	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)	Standard	Standard	
x, y, CCT, Duv	0.4055	0.3863	3460 -0.0020
CRI (Ra), R9	93	65	
120V: P(W), I(A), THD(%), PF	37.7	0.314	6.4 0.999
277V: P(W), I(A), THD(%), PF	37.8	0.140	8.3 0.978
347V: P(W), I(A), THD(%), PF	37.0	0.109	6.5 0.979

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	525	12.7%	12.7%
0-40	856	20.8%	20.8%
0-60	1506	36.6%	36.6%
0-90	1908	46.3%	46.3%
90-130	1230	29.9%	29.9%
90-150	1904	46.2%	46.2%
90-180	2212	53.7%	53.7%
0-180	4120	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3363	3363	3363
5	3350	3352	3351
15	3315	3318	3319
25	3268	3268	3243
35	3209	3193	3136
45	3095	3066	3000
55	2996	2923	2881
65	2783	2702	2624
75	2403	2345	2256
85	1887	1468	1184

LUMINAIRE SECTION	



LEDALITE

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