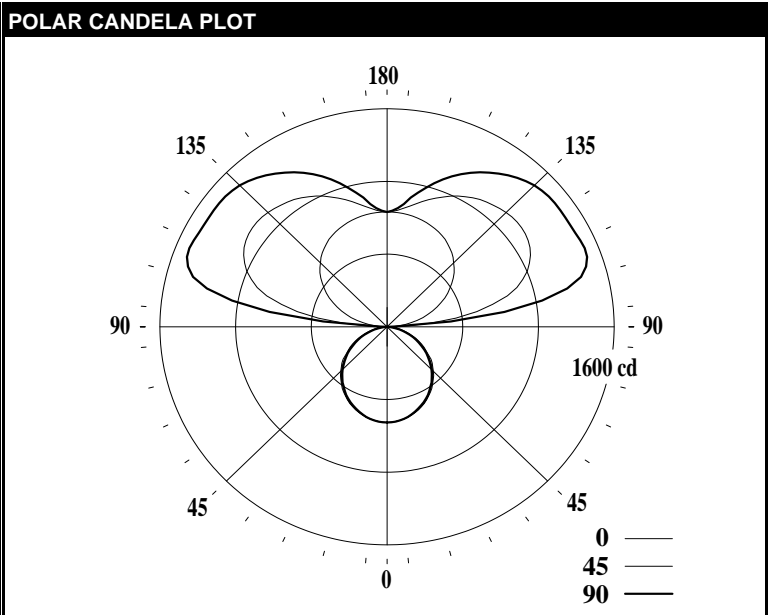


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSAAA04
Lamp Type:	LED	Description:	FLOATPLANE STD 7500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	7497 lm 100.0%
Input Watts:	120 VAC 65.5	Up/Dn Ratio, Efficacy (lm/W):	74% Up / 26% Dn 114.5
CIE-IES Classification:	Semi-Indirect	Report:	LNG00104

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	702	702	702	702	702	
5	697	699	697	698	698	66
15	668	674	670	672	666	189
25	620	626	618	619	610	285
35	550	554	541	544	533	341
45	462	466	451	450	443	351
55	354	362	345	347	338	314
65	246	252	234	236	226	236
75	132	136	121	124	116	134
85	34	40	25	24	19	35
90	0	0	0	0	0	
95	84	150	309	277	452	289
105	262	401	878	1188	1415	852
115	419	652	1107	1395	1502	1016
125	556	799	1190	1407	1491	989
135	663	866	1186	1394	1468	872
145	744	893	1141	1318	1372	692
155	796	889	1058	1199	1236	482
165	827	870	951	1040	1056	271
175	842	849	859	883	875	84
180	843	843	843	843	843	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	702.0	0.0	
Direct: Peak Candela & Angle (90deg)	702.0	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1507.6	112.5	
Indirect: Zenith Candela, Peak to Zenith	842.7	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)	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	65.5	0.547	7.7 0.997
277V: P(W), I(A), THD(%), PF	65.5	0.239	9.4 0.990
347V: P(W), I(A), THD(%), PF	65.5	0.193	7.5 0.978

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	541	7.2%	7.2%
0-40	882	11.8%	11.8%
0-60	1547	20.6%	20.6%
0-90	1951	26.0%	26.0%
90-130	3146	42.0%	42.0%
90-150	4710	62.8%	62.8%
90-180	5546	74.0%	74.0%
0-180	7497	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3467	3467	3467
5	3454	3456	3461
15	3413	3426	3404
25	3381	3366	3326
35	3318	3259	3216
45	3226	3149	3096
55	3050	2974	2912
65	2874	2734	2644
75	2527	2303	2212
85	1904	1428	1082

LUMINAIRE SECTION	



LEDALITE

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