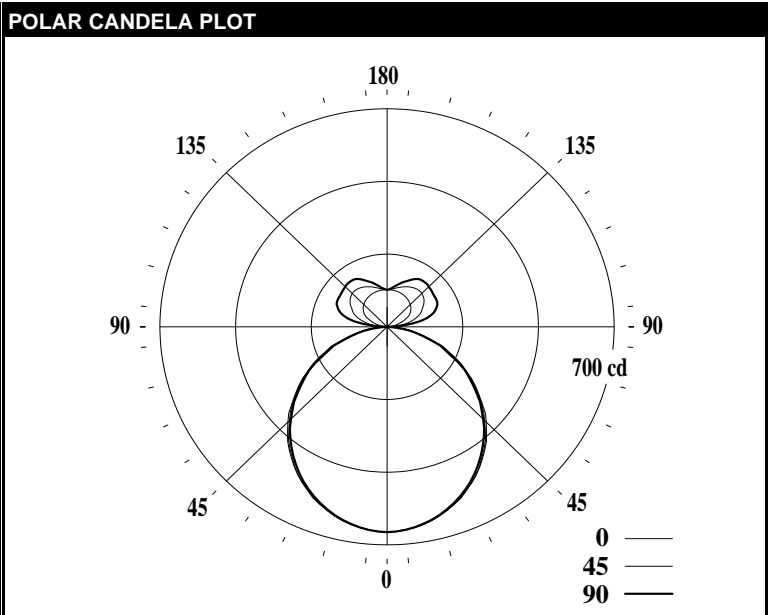


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSEAG04
Lamp Type:	LED	Description:	FLOATPLANE 75%DN 3200LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2528 lm 100.0%
Input Watts:	120 VAC 26.2	Up/Dn Ratio, Efficacy (lm/W):	27% Up / 73% Dn 96.5
CIE-IES Classification:	Semi-Direct	Report:	LNG00109

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	659	659	659	659	659	
5	654	656	654	656	654	62
15	628	632	628	630	625	178
25	579	586	579	582	574	268
35	514	522	510	515	504	322
45	432	437	426	432	419	332
55	333	342	331	333	323	298
65	229	236	229	227	217	227
75	123	132	122	125	114	132
85	34	39	32	32	23	38
90	0	0	0	0	0	
95	9	15	31	30	45	30
105	36	41	83	117	139	86
115	68	76	117	154	172	115
125	89	104	139	163	176	121
135	101	118	152	172	182	113
145	109	123	151	174	184	93
155	115	124	142	159	165	66
165	118	122	131	140	142	37
175	119	120	121	123	123	12
180	119	119	119	119	119	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	659.2	0.0	
Direct: Peak Candela & Angle (90deg)	659.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	184.6	140.0	
Indirect: Zenith Candela, Peak to Zenith	119.0	1.55	
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	0.4055	0.3863	3460 -0.0020
CRI (Ra), R9	93	65	
120V: P(W), I(A), THD(%), PF	26.2	0.219	9.7 0.998
277V: P(W), I(A), THD(%), PF	26.2	0.012	11.1 7.700
347V: P(W), I(A), THD(%), PF	26.2	0.078	8.6 0.962

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	113	113	113	113	107	107	107	96	96	96	73	
	1	103	98	94	90	97	93	90	84	81	79	61	
	2	93	85	79	73	88	81	75	74	69	65	51	
	3	85	75	67	61	80	71	64	65	59	54	43	
	4	78	66	58	52	74	63	56	57	51	46	37	
	5	71	59	51	44	68	56	49	51	45	40	32	
	6	66	53	45	38	62	51	43	46	40	35	28	
	7	61	48	40	34	58	46	38	42	35	31	24	
	8	57	44	36	30	54	42	34	38	32	27	22	
	9	53	40	32	27	50	38	31	35	29	25	20	
	10	49	37	29	24	47	35	28	33	26	22	18	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	508	20.1%	20.1%
0-40	829	32.8%	32.8%
0-60	1459	57.7%	57.7%
0-90	1856	73.4%	73.4%
90-130	351	13.9%	13.9%
90-150	557	22.0%	22.0%
90-180	671	26.6%	26.6%
0-180	2528	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3256	3256	3256
5	3245	3243	3244
15	3209	3211	3198
25	3156	3158	3130
35	3099	3077	3041
45	3019	2973	2930
55	2868	2850	2778
65	2680	2671	2539
75	2338	2319	2181
85	1927	1785	1292

LUMINAIRE SECTION	



LEDALITE

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