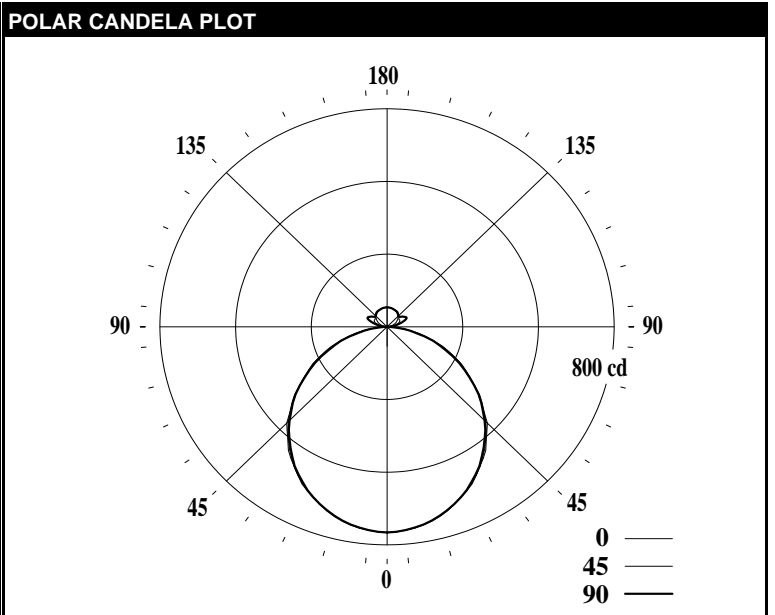


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSEA04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 3200LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2416 lm 100.0%
Input Watts:	120 VAC 26.2	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 92.2
CIE-IES Classification:	Semi-Direct	Report:	LNG00113

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	755	755	755	755	755	
5	749	750	749	750	749	71
15	720	724	717	720	718	203
25	664	672	663	666	662	307
35	590	592	587	591	582	369
45	500	502	492	493	486	381
55	377	395	376	385	375	342
65	264	276	261	268	255	263
75	144	149	141	149	137	153
85	38	43	35	39	34	44
90	0	0	0	0	0	
95	7	7	11	10	11	11
105	19	20	34	42	46	34
115	33	36	50	69	76	51
125	45	47	51	61	66	48
135	54	55	58	56	56	44
145	62	61	63	64	64	39
155	67	66	66	66	67	31
165	70	70	70	70	70	20
175	72	72	71	71	71	7
180	72	72	72	72	72	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	754.5	0.0	
Direct: Peak Candela & Angle (90deg)	754.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	76.4	117.5	
Indirect: Zenith Candela, Peak to Zenith	71.8	1.06	
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	116	116	116	116	112	112	112	105	105	105	88	
	1	106	101	97	93	102	98	94	91	88	86	74	
	2	96	88	81	76	93	85	79	80	75	70	61	
	3	88	77	69	63	84	75	67	70	64	59	51	
	4	80	68	60	53	77	66	58	62	56	50	44	
	5	74	61	52	46	71	59	51	56	49	43	38	
	6	68	55	46	40	65	53	45	50	43	38	33	
	7	63	50	41	35	61	48	40	46	39	33	29	
	8	59	45	37	31	56	44	36	42	35	30	26	
	9	55	42	33	28	53	40	33	38	32	27	23	
	10	51	38	30	25	49	37	30	36	29	24	21	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	581	24.1%	24.1%
0-40	950	39.3%	39.3%
0-60	1673	69.2%	69.2%
0-90	2133	88.3%	88.3%
90-130	143	5.9%	5.9%
90-150	226	9.4%	9.4%
90-180	283	11.7%	11.7%
0-180	2416	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3727	3727	3727
5	3713	3715	3712
15	3680	3666	3669
25	3620	3613	3608
35	3559	3537	3508
45	3491	3438	3396
55	3247	3239	3230
65	3084	3055	2985
75	2752	2683	2611
85	2176	2001	1910

LUMINAIRE SECTION	



LEDALITE

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