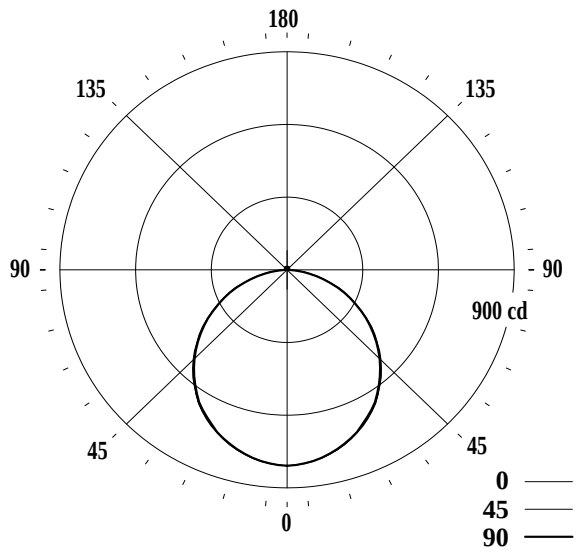
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LSEAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 3200LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2338 lm 100.0%
Input Watts:	120 VAC 26.2	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 89.2
CIE-IES Classification:	Direct	**Report:**	LNG00117

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	809	809	809	809	809	
5	802	805	803	804	802	76
15	768	776	770	773	766	218
25	711	718	710	714	705	328
35	629	638	628	630	623	395
45	527	541	523	527	519	408
55	409	419	406	409	402	366
65	279	292	276	286	276	280
75	152	160	151	153	149	164
85	45	49	38	43	36	48
90	0	0	0	0	0	
95	4	4	4	4	5	4
105	6	6	6	6	7	7
115	8	9	9	9	8	8
125	9	10	11	10	10	9
135	10	11	12	12	11	9
145	11	12	12	13	13	8
155	12	12	12	13	13	6
165	12	12	12	13	12	3
175	13	12	12	12	12	1
180	13	13	13	13	13	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			808.5	0.0
Direct: Peak Candela & Angle (90deg)			808.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			13.1	150.0
Indirect: Zenith Candela, Peak to Zenith			12.6	1.04
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
RCR											
0	118	118	118	118	115	115	115	110	110	110	98
1	108	103	99	95	105	101	97	96	93	90	81
2	98	90	83	77	95	88	81	84	79	74	68
3	89	79	71	64	87	77	69	74	67	62	57
4	82	70	61	54	79	68	60	65	58	53	49
5	75	62	53	47	73	61	53	59	51	46	42
6	69	56	47	41	67	55	47	53	45	40	37
7	64	51	42	36	63	50	42	48	41	35	32
8	60	46	38	32	58	46	37	44	37	31	29
9	56	43	34	29	54	42	34	41	33	28	26
10	52	39	31	26	51	39	31	37	31	26	23

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	622	26.6%	26.6%
0-40	1017	43.5%	43.5%
0-60	1790	76.6%	76.6%
0-90	2283	97.7%	97.7%
90-130	28	1.2%	1.2%
90-150	45	1.9%	1.9%
90-180	55	2.3%	2.3%
0-180	2338	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3994	3994	3994
5	3974	3981	3975
15	3928	3935	3919
25	3877	3871	3840
35	3792	3787	3758
45	3681	3655	3625
55	3525	3492	3458
65	3266	3230	3220
75	2893	2887	2836
85	2550	2171	2035

LUMINAIRE SECTION

LEDALITE

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