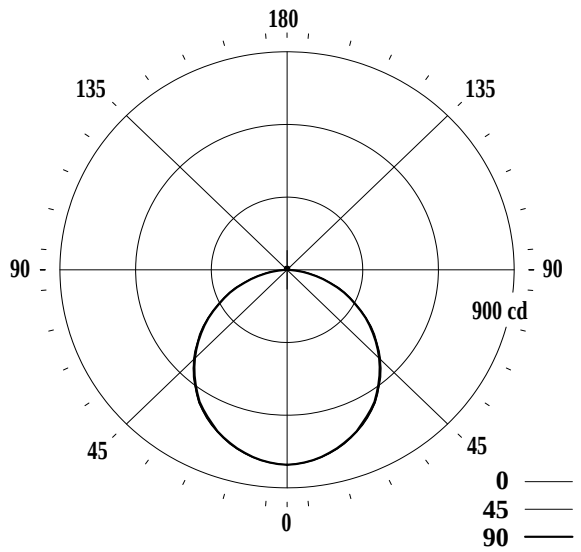
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LCEAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 3200LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2327 lm 100.0%
Input Watts:	277 VAC 22.3	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 104.3
CIE-IES Classification:	Direct	**Report:**	LNG00082

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	805	805	805	805	805	
5	798	801	799	801	798	76
15	765	772	766	769	763	217
25	708	714	707	710	701	327
35	626	635	625	628	620	393
45	524	538	521	524	517	406
55	407	417	404	407	400	364
65	278	290	275	284	274	279
75	151	159	151	152	148	163
85	45	49	38	42	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	12	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)			804.7	0.0
Direct: Peak Candela & Angle (90deg)			804.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			13.0	150.0
Indirect: Zenith Candela, Peak to Zenith			12.6	1.03
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	0.4285	0.4003	3117	-0.0003
CRI (Ra), R9			83	9
120V: P(W), I(A), THD(%), PF	22.3	0.186	11.6	0.997
277V: P(W), I(A), THD(%), PF	22.3	0.086	12.7	0.938
347V: P(W), I(A), THD(%), PF	22.3	0.068	9.6	0.952

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	619	26.6%	26.6%
0-40	1012	43.5%	43.5%
0-60	1782	76.6%	76.6%
0-90	2272	97.7%	97.7%
90-130	28	1.2%	1.2%
90-150	44	1.9%	1.9%
90-180	55	2.3%	2.3%
0-180	2327	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3975	3975	3975
5	3956	3963	3957
15	3910	3917	3901
25	3859	3853	3823
35	3774	3769	3740
45	3663	3639	3609
55	3508	3476	3441
65	3250	3215	3205
75	2880	2874	2823
85	2539	2159	2023

LUMINAIRE SECTION

LEDALITE

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