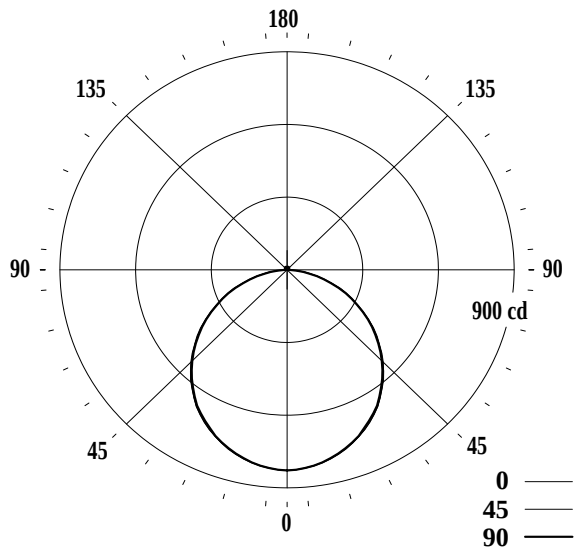
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LBEAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 3200LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2394 lm 100.0%
Input Watts:	277 VAC 22.3	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 107.4
CIE-IES Classification:	Direct	**Report:**	LNG00083

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	828	828	828	828	828	
5	821	824	822	824	821	78
15	787	795	788	792	785	223
25	729	735	728	731	722	336
35	644	654	643	646	638	404
45	540	554	536	540	532	417
55	419	429	415	419	411	375
65	286	299	283	293	282	287
75	155	164	155	157	152	168
85	46	50	39	44	37	49
90	0	0	0	0	0	
95	4	4	4	4	5	4
105	6	6	6	7	7	7
115	8	9	9	9	8	9
125	9	11	11	11	10	9
135	11	11	13	12	12	9
145	12	12	13	13	13	8
155	12	12	12	13	13	6
165	13	12	12	13	13	4
175	13	13	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)			828.0	0.0
Direct: Peak Candela & Angle (90deg)			828.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			13.4	150.0
Indirect: Zenith Candela, Peak to Zenith			12.9	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)			Standard	Standard
x, y, CCT ,Duv	0.4036	0.3898	3529	0.0000
CRI (Ra), R9			82	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	637	26.6%	26.6%
0-40	1041	43.5%	43.5%
0-60	1834	76.6%	76.6%
0-90	2338	97.7%	97.7%
90-130	29	1.2%	1.2%
90-150	46	1.9%	1.9%
90-180	56	2.3%	2.3%
0-180	2394	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4090	4090	4090
5	4070	4077	4071
15	4023	4031	4014
25	3970	3965	3933
35	3883	3878	3849
45	3769	3744	3713
55	3610	3576	3541
65	3345	3309	3298
75	2964	2958	2903
85	2613	2222	2086

LUMINAIRE SECTION

LEDALITE

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