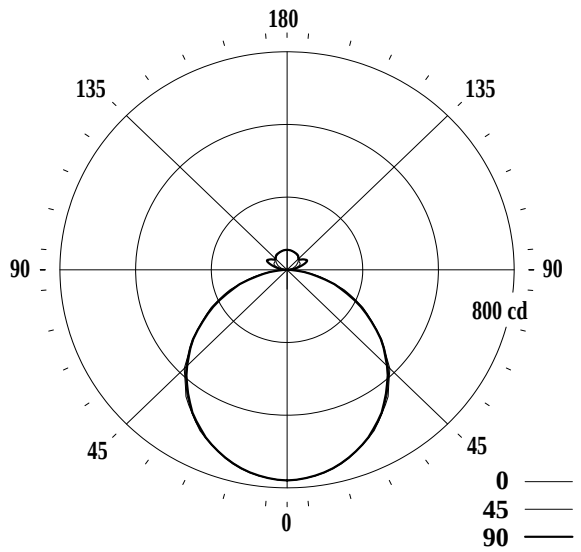
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LBEAH04**
Lamp Type:	LED	**Description:**	FLOATPLANE 90%DN 3200LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2474 lm 100.0%
Input Watts:	277 VAC 22.3	**Up/Dn Ratio, Efficacy (lm/W):**	12% Up / 88% Dn 110.9
CIE-IES Classification:	Semi-Direct	**Report:**	LNG00063

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	773	773	773	773	773	
5	767	769	767	769	767	73
15	737	742	734	738	735	208
25	680	688	679	682	678	314
35	605	607	601	605	596	377
45	512	515	504	505	498	390
55	386	404	385	395	384	350
65	270	282	268	274	262	269
75	148	153	144	152	140	157
85	39	44	36	39	35	45
90	0	0	0	0	0	
95	7	7	12	10	12	11
105	19	21	34	43	47	35
115	34	37	51	71	78	52
125	47	48	52	62	68	49
135	56	56	60	57	58	45
145	63	63	64	65	66	40
155	68	68	68	68	69	32
165	72	71	71	71	71	20
175	73	73	73	73	73	7
180	74	74	74	74	74	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			772.8	0.0
Direct: Peak Candela & Angle (90deg)			772.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			78.3	117.5
Indirect: Zenith Candela, Peak to Zenith			73.5	1.07
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	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	595	24.1%	24.1%
0-40	973	39.3%	39.3%
0-60	1713	69.2%	69.2%
0-90	2184	88.3%	88.3%
90-130	147	5.9%	5.9%
90-150	232	9.4%	9.4%
90-180	290	11.7%	11.7%
0-180	2474	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3817	3817	3817
5	3802	3804	3802
15	3769	3755	3758
25	3708	3700	3696
35	3645	3622	3593
45	3576	3521	3479
55	3325	3317	3309
65	3158	3129	3057
75	2819	2748	2676
85	2227	2052	1955

LUMINAIRE SECTION

LEDALITE

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