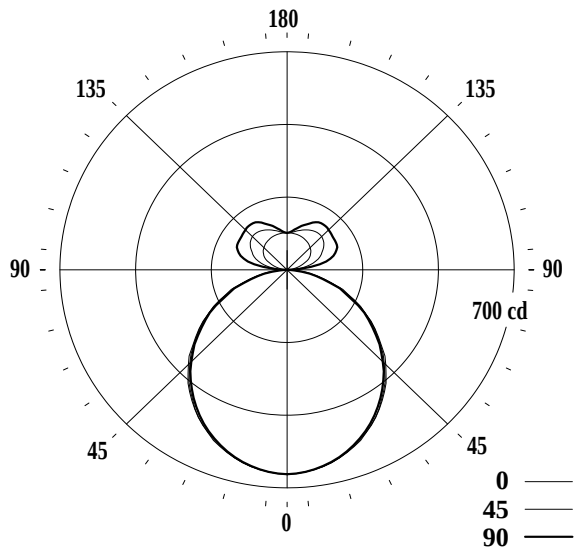
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LCEAG04**
Lamp Type:	LED	**Description:**	FLOATPLANE 75%DN 3200LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2516 lm 100.0%
Input Watts:	277 VAC 22.3	**Up/Dn Ratio, Efficacy (lm/W):**	27% Up / 73% Dn 112.8
CIE-IES Classification:	Semi-Direct	**Report:**	LNG00042

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	656	656	656	656	656	
5	651	653	651	653	651	62
15	625	629	625	627	623	177
25	576	584	577	579	572	267
35	512	519	508	512	502	320
45	430	435	424	430	417	330
55	331	341	330	331	321	297
65	228	235	227	226	216	226
75	122	131	121	124	114	132
85	34	38	31	32	23	38
90	0	0	0	0	0	
95	9	15	31	30	45	30
105	36	40	83	116	138	86
115	68	75	117	154	171	114
125	88	104	138	163	176	120
135	101	117	151	171	181	112
145	109	123	150	173	183	93
155	114	123	141	159	164	65
165	118	121	130	140	142	37
175	119	119	120	122	122	12
180	119	119	119	119	119	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			656.1	0.0
Direct: Peak Candela & Angle (90deg)			656.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			183.8	140.0
Indirect: Zenith Candela, Peak to Zenith			118.5	1.55
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	113	113	113	113	107	107	107	96	96	96	73
1	103	98	94	90	97	93	90	84	81	79	61
2	93	85	79	73	88	81	75	74	69	65	51
3	85	75	67	61	80	71	64	65	59	54	43
4	78	66	58	52	74	63	56	57	51	46	37
5	71	59	51	44	68	56	49	51	45	40	32
6	66	53	45	38	62	51	43	46	40	35	28
7	61	48	40	34	58	46	38	42	35	31	24
8	57	44	36	30	54	42	34	38	32	27	22
9	53	40	32	27	50	38	31	35	29	25	20
10	49	37	29	24	47	35	28	33	26	22	18

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	505	20.1%	20.1%
0-40	825	32.8%	32.8%
0-60	1453	57.7%	57.7%
0-90	1848	73.4%	73.4%
90-130	350	13.9%	13.9%
90-150	554	22.0%	22.0%
90-180	668	26.6%	26.6%
0-180	2516	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3241	3241	3241
5	3230	3228	3229
15	3194	3196	3183
25	3141	3143	3115
35	3085	3063	3028
45	3005	2959	2916
55	2854	2838	2765
65	2667	2658	2527
75	2328	2307	2172
85	1921	1780	1286

LUMINAIRE SECTION

LEDALITE

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