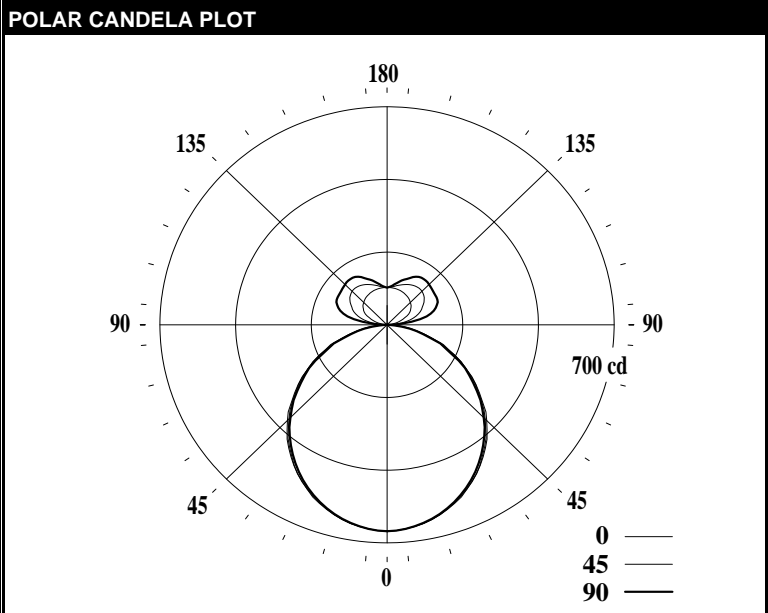


LEDALITE - FLOATPLANE

TEST DATE: 17 Sep 2019		CATALOG NO: 24x5LAEAG04	
Lamp Type: LED		Description: FLOATPLANE 75%DN 3200LM 840	
No. of Lamps: 176			
Rated Lamp Lumens: -1		Flux (lm), Efficiency (%): 2540 lm 100.0%	
Input Watts: 277 VAC 22.3		Up/Dn Ratio, Efficacy (lm/W): 27% Up / 73% Dn 113.9	
CIE-IES Classification: Semi-Direct		Report: LNG00044	

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	663	663	663	663	663	
5	658	659	657	659	658	63
15	631	635	631	633	629	178
25	582	589	582	585	577	269
35	517	524	513	517	507	323
45	434	439	428	434	421	333
55	335	344	333	334	324	300
65	230	237	230	228	218	228
75	123	132	122	125	115	133
85	34	39	32	32	23	38
90	0	0	0	0	0	
95	9	15	31	31	45	30
105	36	41	84	117	139	86
115	68	76	118	155	172	115
125	89	105	140	164	177	121
135	102	118	152	173	183	113
145	110	124	152	175	185	94
155	116	124	143	160	166	66
165	119	122	131	141	143	37
175	120	120	121	123	124	12
180	120	120	120	120	120	



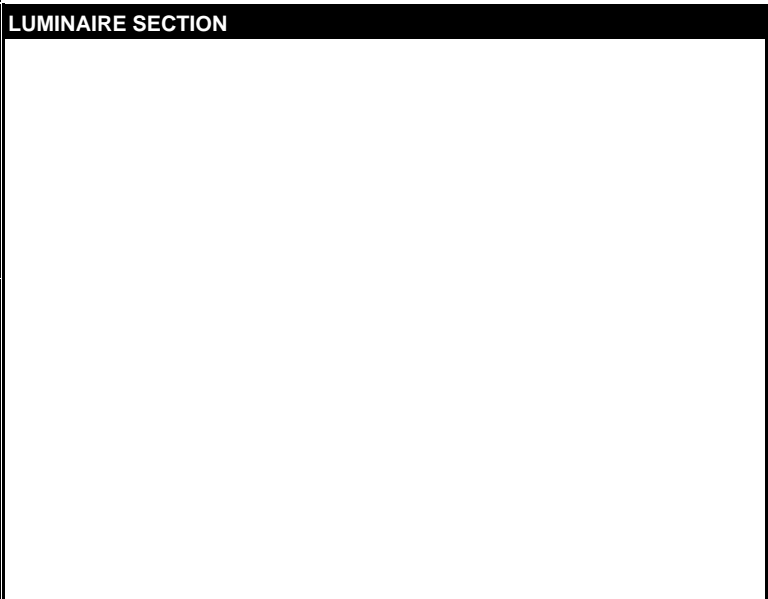
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	662.5	0.0	
Direct: Peak Candela & Angle (90deg)	662.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	185.5	140.0	
Indirect: Zenith Candela, Peak to Zenith	119.6	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	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82		10
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	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	510	20.1%	20.1%
0-40	833	32.8%	32.8%
0-60	1466	57.7%	57.7%
0-90	1866	73.4%	73.4%
90-130	353	13.9%	13.9%
90-150	560	22.0%	22.0%
90-180	675	26.6%	26.6%
0-180	2540	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3272	3272	3272
5	3261	3259	3260
15	3225	3227	3214
25	3171	3173	3145
35	3115	3093	3057
45	3034	2988	2944
55	2881	2865	2792
65	2693	2683	2551
75	2349	2330	2193
85	1938	1797	1298



LEDALITE

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