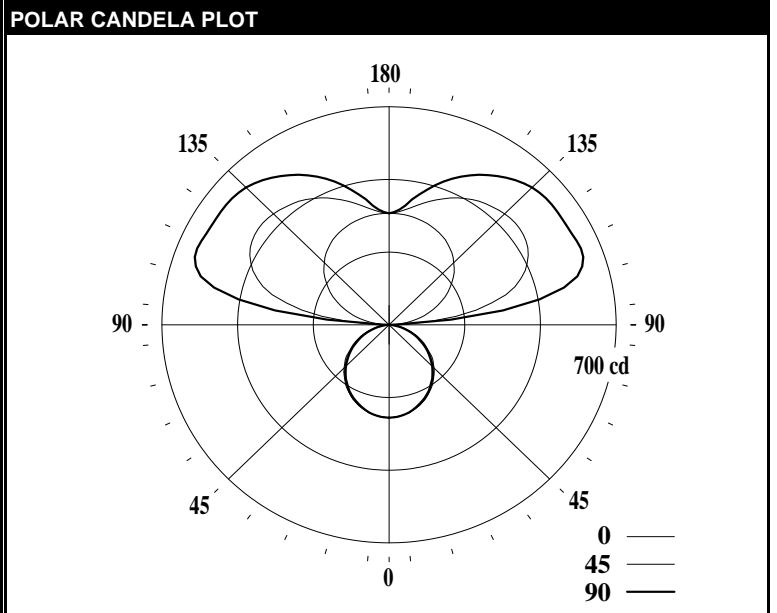


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LCEAA04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE STD 3200LM 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3184 lm 100.0%
<b>Input Watts:</b>	277 VAC 22.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	74% Up / 26% Dn 142.8
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report:</b>	LNG00002

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	298	298	298	298	298	
5	296	297	296	297	297	28
15	284	286	285	285	283	80
25	264	266	262	263	259	121
35	234	235	230	231	227	145
45	196	198	191	191	188	149
55	150	154	147	147	144	133
65	104	107	99	100	96	100
75	56	58	51	53	49	57
85	14	17	11	10	8	15
90	0	0	0	0	0	
95	36	64	131	118	192	123
105	111	170	373	505	601	362
115	178	277	470	592	638	431
125	236	339	505	597	633	420
135	282	368	504	592	624	370
145	316	379	484	560	583	294
155	338	377	449	509	525	205
165	351	369	404	442	448	115
175	358	361	365	375	372	36
180	358	358	358	358	358	



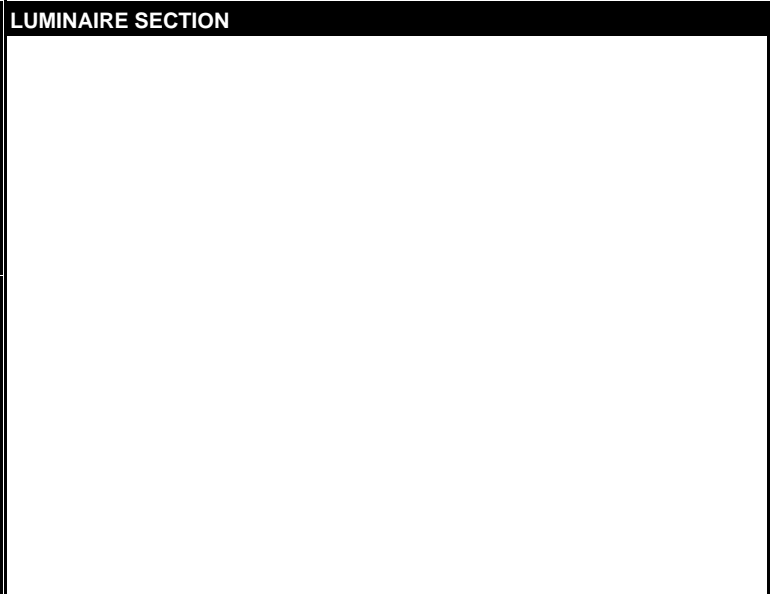
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	298.1	0.0	
Direct: Peak Candela & Angle (90deg)	298.1	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	640.3	112.5	
Indirect: Zenith Candela, Peak to Zenith	357.9	1.79	
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)	Premium	Premium	
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	0	
RCR	0	101	101	101	101	90	90	90	70	70	70	26	
	1	92	88	84	81	82	79	76	61	59	57	22	
	2	84	77	71	66	75	69	64	53	50	47	18	
	3	77	67	60	55	68	60	54	47	43	39	15	
	4	70	60	52	46	62	53	47	42	37	33	13	
	5	64	53	45	39	57	47	41	37	32	29	11	
	6	59	47	39	34	52	42	36	33	28	25	10	
	7	54	42	35	29	48	38	32	30	25	22	9	
	8	50	38	31	26	45	35	28	27	22	19	8	
	9	47	35	28	23	41	31	25	25	20	17	7	
	10	43	32	25	20	39	29	23	23	18	15	6	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	230	7.2%	7.2%
0-40	375	11.8%	11.8%
0-60	657	20.6%	20.6%
0-90	829	26.0%	26.0%
90-130	1336	42.0%	42.0%
90-150	2000	62.8%	62.8%
90-180	2355	74.0%	74.0%
0-180	3184	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	1472	1472	1472
5	1467	1468	1470
15	1450	1455	1446
25	1436	1430	1413
35	1409	1384	1366
45	1370	1337	1315
55	1295	1262	1237
65	1220	1161	1123
75	1073	979	939
85	810	606	459



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