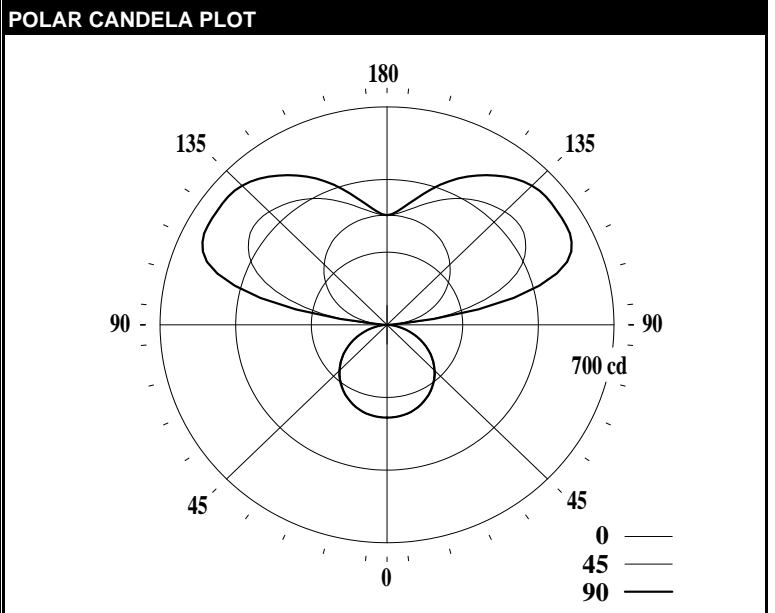


LEDALITE - FLOATPLANE

TEST DATE:	11 Jun 2015	CATALOG NO:	24x5LCEAA
Lamp Type:	LED	Description:	FLOATPLANE SUSPENDED 70% UP STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3144 lm 100.0%
Input Watts:	120 VAC 24.9	Up/Dn Ratio, Efficacy (lm/W):	72% Up / 28% Dn 126.3
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	ITL84865-THD1 ITL84850 ITL84844

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	298	298	298	298	298	
5	297	297	297	297	297	28
15	289	287	289	289	289	82
25	270	269	271	272	270	125
35	242	241	244	244	243	152
45	205	206	207	208	208	160
55	162	163	165	164	164	146
65	113	114	114	113	113	112
75	60	61	61	61	60	64
85	14	15	16	16	16	19
90	0	3	6	7	8	
95	32	53	64	40	32	75
105	108	167	313	439	486	314
115	175	284	459	585	628	425
125	230	348	515	609	639	426
135	274	370	514	603	632	375
145	308	376	487	560	585	294
155	332	372	446	500	519	202
165	346	362	397	425	436	112
175	352	354	359	363	366	35
180	352	352	352	352		



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	298.0	0.0	
Direct: Peak Candela & Angle (90deg)	298.0	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.29	N/A
Indirect: Peak Candela & Angle	640.0	127.5	
Indirect: Zenith Candela, Peak to Zenith	352.0	1.82	
Luminous Length, Width, Height (ft)	3.8906	0.5625	0.0000
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.000	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.4333	0.4077	3092 0.0020
CRI (Ra), R9	81		4
120V: P(W), I(A), THD(%), PF	24.9	0.208	7.2 0.998
277V: P(W), I(A), THD(%), PF	24.7	0.093	14.0 0.959
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A N/A

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	102	102	102	102	91	91	91	71	71	71	28	
	1	93	89	85	81	83	79	76	62	60	58	23	
	2	84	77	71	66	75	69	64	54	51	48	19	
	3	77	68	60	55	68	61	55	48	43	40	16	
	4	70	60	52	46	62	54	47	42	37	34	14	
	5	64	53	45	39	57	48	41	38	33	29	12	
	6	59	47	39	34	52	43	36	34	29	25	10	
	7	54	42	35	29	48	38	32	30	25	22	9	
	8	50	38	31	26	45	35	28	28	23	19	8	
	9	47	35	28	23	42	31	25	25	20	17	7	
	10	43	32	25	20	39	29	23	23	18	15	7	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	234	7.5%	7.5%
0-40	386	12.3%	12.3%
0-60	692	22.0%	22.0%
0-90	887	28.2%	28.2%
90-130	1239	39.4%	39.4%
90-150	1908	60.7%	60.7%
90-180	2257	71.8%	71.8%
0-180	3144	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	1465	1465	1465
5	1466	1466	1466
15	1471	1471	1471
25	1465	1470	1465
35	1453	1465	1459
45	1425	1439	1446
55	1389	1414	1406
65	1315	1326	1315
75	1140	1159	1140
85	790	903	903

LUMINAIRE SECTION	



LEDALITE

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