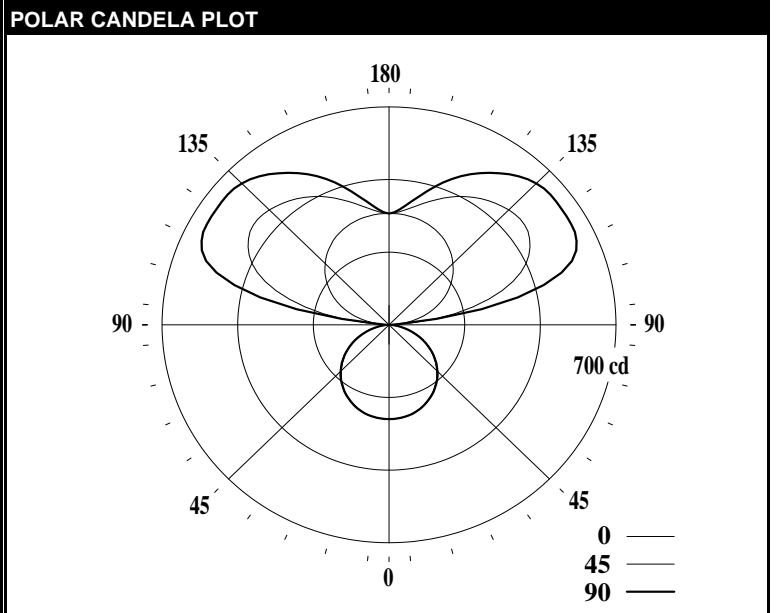


LEDALITE - FLOATPLANE

TEST DATE:	09 Jan 2019	CATALOG NO:	24x5LAEEA
Lamp Type:	LED	Description:	FLOATPLANE SUSPENDED 70% UP STD 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3194 lm 100.0%
Input Watts:	120 VAC 24.8	Up/Dn Ratio, Efficacy (lm/W):	72% Up / 28% Dn 128.8
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	ITL84865-THD1 ITL84852 S84844-2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	303	303	303	303	303	
5	302	302	302	302	302	29
15	294	292	294	294	294	83
25	274	273	275	276	274	127
35	246	245	248	248	247	154
45	208	209	210	211	211	162
55	165	166	168	167	167	148
65	115	116	116	115	115	114
75	61	62	62	62	61	65
85	14	15	16	16	16	19
90	0	3	6	7	8	
95	33	54	65	41	33	76
105	110	170	318	446	494	319
115	178	289	466	594	638	432
125	234	354	523	619	649	433
135	278	376	522	613	642	381
145	313	382	495	569	594	298
155	337	378	453	508	527	205
165	352	368	403	432	443	114
175	358	360	365	369	372	35
180	358	358	358	358		



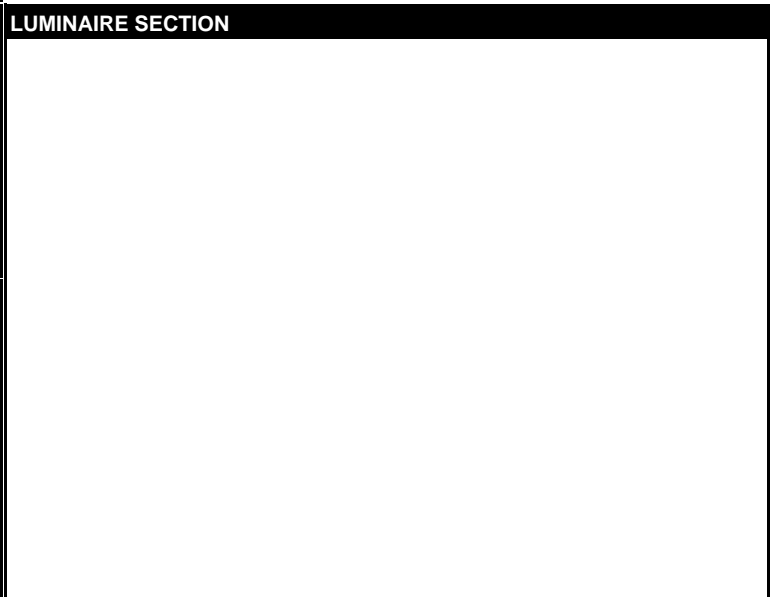
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	302.8	0.0	
Direct: Peak Candela & Angle (90deg)	302.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.29	N/A
Indirect: Peak Candela & Angle	650.2	127.5	
Indirect: Zenith Candela, Peak to Zenith	357.6		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	1.016	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.3805	0.3811	4028 0.0020
CRI (Ra), R9	83		11
120V: P(W), I(A), THD(%), PF	24.8	0.207	7.2 0.998
277V: P(W), I(A), THD(%), PF	24.6	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	238	7.5%	7.5%
0-40	392	12.3%	12.3%
0-60	703	22.0%	22.0%
0-90	901	28.2%	28.2%
90-130	1259	39.4%	39.4%
90-150	1938	60.7%	60.7%
90-180	2293	71.8%	71.8%
0-180	3194	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	1489	1489	1489
5	1489	1489	1489
15	1495	1495	1495
25	1488	1494	1488
35	1476	1488	1482
45	1448	1462	1469
55	1411	1437	1428
65	1336	1347	1336
75	1158	1177	1158
85	802	917	917



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