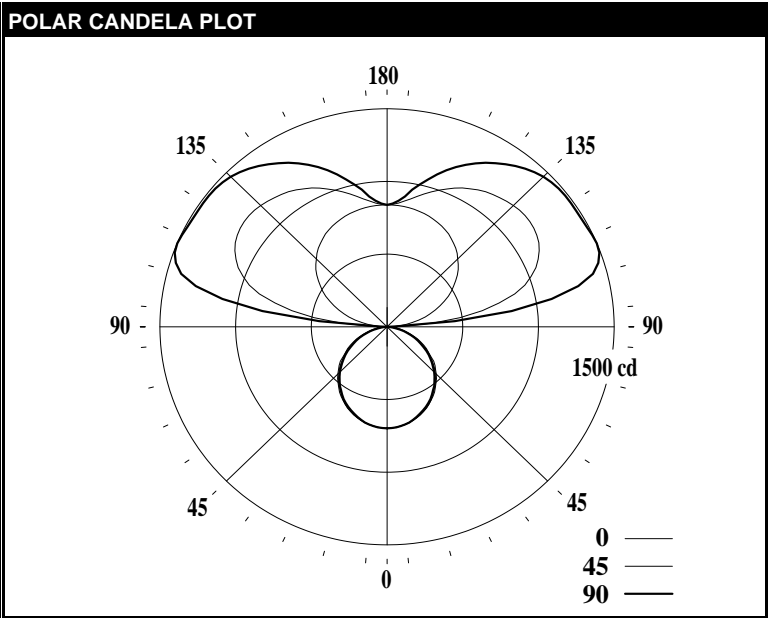


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LAAA04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE STD 7500LM 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	7459 lm 100.0%
<b>Input Watts:</b>	120 VAC 53.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	74% Up / 26% Dn 138.9
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report:</b>	LNG00019

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	698	698	698	698	698	
5	693	696	694	695	695	66
15	664	671	667	668	662	188
25	617	623	615	616	607	284
35	548	551	538	541	531	339
45	460	464	449	448	441	350
55	352	360	344	345	337	312
65	245	251	233	234	225	235
75	132	136	120	123	115	133
85	33	40	25	24	19	35
90	0	0	0	0	0	
95	84	149	308	275	450	288
105	261	399	873	1182	1408	848
115	417	649	1101	1388	1495	1011
125	553	795	1184	1400	1483	984
135	660	862	1180	1387	1461	868
145	740	888	1135	1311	1366	688
155	792	884	1053	1193	1230	480
165	822	865	947	1035	1051	269
175	838	845	855	878	870	83
180	839	839	839	839	839	



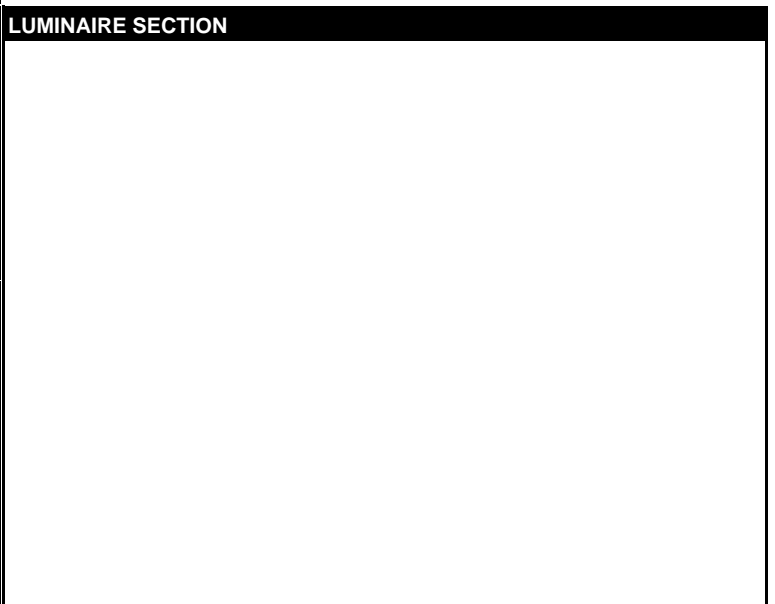
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	698.4	0.0	
Direct: Peak Candela & Angle (90deg)	698.4	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1500.0	112.5	
Indirect: Zenith Candela, Peak to Zenith	838.5	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	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82		10
120V: P(W), I(A), THD(%), PF	53.7	0.450	9.8 0.995
277V: P(W), I(A), THD(%), PF	52.5	0.193	10.4 0.982
347V: P(W), I(A), THD(%), PF	52.4	0.155	8.8 0.975

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	538	7.2%	7.2%
0-40	877	11.8%	11.8%
0-60	1539	20.6%	20.6%
0-90	1942	26.0%	26.0%
90-130	3130	42.0%	42.0%
90-150	4686	62.8%	62.8%
90-180	5518	74.0%	74.0%
0-180	7459	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3450	3450	3450
5	3437	3439	3444
15	3396	3408	3387
25	3364	3350	3310
35	3301	3242	3200
45	3210	3133	3080
55	3035	2959	2898
65	2860	2720	2631
75	2513	2292	2200
85	1893	1417	1077



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