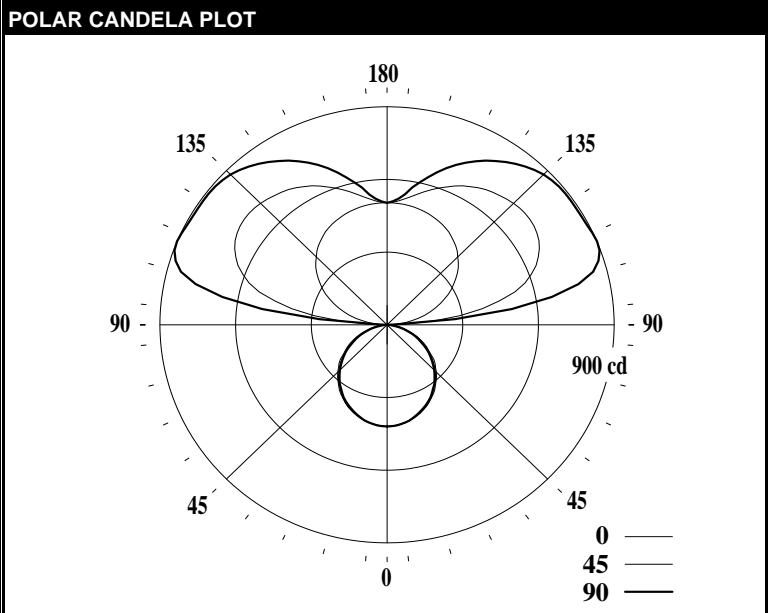


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LC0007
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE STD 4500LM 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4480 lm 100.0%
<b>Input Watts:</b>	277 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	74% Up / 26% Dn 142.2
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report:</b>	LNG00007

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	420	420	420	420	420	
5	416	418	417	417	417	40
15	399	403	400	401	398	113
25	371	374	369	370	365	171
35	329	331	323	325	319	204
45	276	279	269	269	265	210
55	212	216	206	207	202	187
65	147	151	140	141	135	141
75	79	82	72	74	69	80
85	20	24	15	14	11	21
90	0	0	0	0	0	
95	50	89	185	165	270	173
105	157	240	525	710	846	509
115	251	390	661	833	898	607
125	332	477	711	841	891	591
135	396	518	709	833	877	521
145	445	533	682	788	820	413
155	475	531	632	717	739	288
165	494	520	569	621	631	162
175	503	508	513	527	523	50
180	504	504	504	504	504	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	419.5	0.0	
Direct: Peak Candela & Angle (90deg)	419.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	900.9	112.5	
Indirect: Zenith Candela, Peak to Zenith	503.6	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	31.4	0.262	7.9 0.998
277V: P(W), I(A), THD(%), PF	31.5	0.117	10.0 0.973
347V: P(W), I(A), THD(%), PF	31.0	0.092	7.4 0.972

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	323	7.2%	7.2%
0-40	527	11.8%	11.8%
0-60	924	20.6%	20.6%
0-90	1166	26.0%	26.0%
90-130	1880	42.0%	42.0%
90-150	2814	62.8%	62.8%
90-180	3314	74.0%	74.0%
0-180	4480	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	2072	2072	2072
5	2064	2065	2069
15	2040	2047	2034
25	2020	2012	1988
35	1983	1948	1922
45	1928	1882	1850
55	1822	1777	1740
65	1718	1634	1580
75	1510	1378	1321
85	1139	850	646

LUMINAIRE SECTION	



**LEDALITE**

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