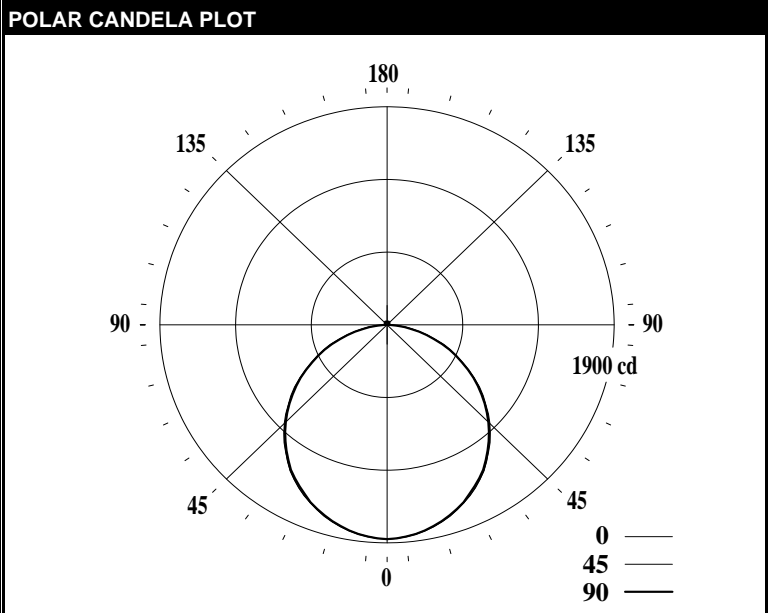


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LCAAJ04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 100%DN 7500LM 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5399 lm 100.0%
<b>Input Watts:</b>	120 VAC 53.4	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	2% Up / 98% Dn 101.1
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00097

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1867	1867	1867	1867	1867	
5	1851	1858	1854	1858	1852	176
15	1774	1792	1777	1785	1770	503
25	1643	1657	1641	1649	1628	758
35	1452	1474	1451	1456	1439	911
45	1217	1249	1209	1217	1199	941
55	945	967	937	944	927	845
65	645	674	638	660	636	647
75	350	369	350	353	343	379
85	104	113	89	98	83	112
90	0	0	0	0	0	
95	10	8	10	10	11	10
105	14	14	14	15	15	15
115	18	20	20	20	19	19
125	21	24	25	24	22	21
135	24	26	28	27	26	20
145	26	27	29	29	29	18
155	27	27	28	30	30	13
165	28	27	28	29	29	8
175	29	28	28	28	27	3
180	29	29	29	29	29	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1867.3	0.0	
Direct: Peak Candela & Angle (90deg)	1867.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	30.3	150.0	
Indirect: Zenith Candela, Peak to Zenith	29.2	1.04	
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)	N/A	N/A	
x, y, CCT, Duv	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9		83	9
120V: P(W), I(A), THD(%), PF	53.4	0.449	9.9 0.990
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	118	118	118	118	115	115	115	110	110	110	98	
	1	108	103	99	95	105	101	97	96	93	90	81	
	2	98	90	83	77	95	88	81	84	79	74	68	
	3	89	79	71	64	87	77	69	74	67	62	57	
	4	82	70	61	54	79	68	60	65	58	53	49	
	5	75	62	53	47	73	61	53	59	51	46	42	
	6	69	56	47	41	67	55	47	53	45	40	37	
	7	64	51	42	36	63	50	42	48	41	35	32	
	8	60	46	38	32	58	46	37	44	37	31	29	
	9	56	43	34	29	54	42	34	41	33	28	26	
	10	52	39	31	26	51	39	31	37	31	26	23	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1437	26.6%	26.6%
0-40	2349	43.5%	43.5%
0-60	4135	76.6%	76.6%
0-90	5273	97.7%	97.7%
90-130	65	1.2%	1.2%
90-150	103	1.9%	1.9%
90-180	127	2.3%	2.3%
0-180	5399	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	9223	9223	9223
5	9178	9195	9182
15	9072	9089	9051
25	8953	8941	8870
35	8757	8746	8679
45	8501	8443	8373
55	8141	8066	7985
65	7542	7460	7437
75	6683	6670	6548
85	5888	5016	4698

LUMINAIRE SECTION	



**LEDALITE**

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