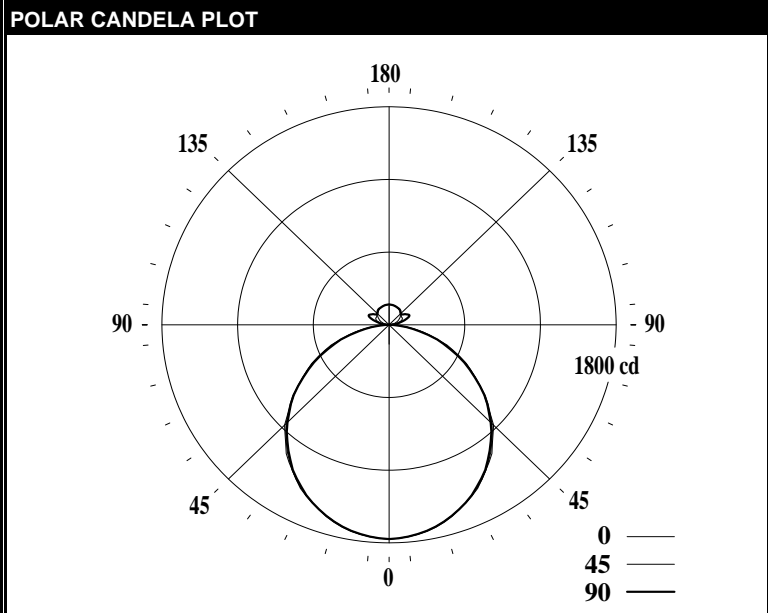


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LSAAH04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 90%DN 7500LM 935
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5662 lm 100.0%
<b>Input Watts:</b>	120 VAC 65.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	12% Up / 88% Dn 86.4
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report:</b>	LNG00116

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1768	1768	1768	1768	1768	
5	1755	1759	1756	1759	1755	167
15	1687	1697	1680	1688	1682	476
25	1557	1575	1554	1562	1552	719
35	1383	1388	1375	1385	1364	864
45	1171	1177	1154	1155	1140	893
55	884	925	881	903	879	802
65	618	646	613	627	599	616
75	338	350	329	348	321	359
85	90	101	83	90	79	103
90	0	0	0	0	0	
95	17	16	27	22	26	25
105	43	47	79	99	107	80
115	78	85	116	162	179	119
125	106	110	119	142	155	113
135	127	128	137	130	132	102
145	144	144	147	150	151	92
155	157	156	156	156	157	72
165	164	163	163	163	163	46
175	168	168	167	167	167	16
180	168	168	168	168	168	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1768.4		0.0
Direct: Peak Candela & Angle (90deg)	1768.4		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	179.1		117.5
Indirect: Zenith Candela, Peak to Zenith		168.2	1.06
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	0.4055	0.3863	3460 -0.0020
CRI (Ra), R9			93 65
120V: P(W), I(A), THD(%), PF	65.5	0.547	7.7 0.997
277V: P(W), I(A), THD(%), PF	65.5	0.239	9.4 0.990
347V: P(W), I(A), THD(%), PF	65.5	0.193	7.5 0.978

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	116	116	116	116	112	112	112	105	105	105	88	
	1	106	101	97	93	102	98	94	91	88	86	74	
	2	96	88	81	76	93	85	79	80	75	70	61	
	3	88	77	69	63	84	75	67	70	64	59	51	
	4	80	68	60	53	77	66	58	62	56	50	44	
	5	74	61	52	46	71	59	51	56	49	43	38	
	6	68	55	46	40	65	53	45	50	43	38	33	
	7	63	50	41	35	61	48	40	46	39	33	29	
	8	59	45	37	31	56	44	36	42	35	30	26	
	9	55	42	33	28	53	40	33	38	32	27	23	
	10	51	38	30	25	49	37	30	36	29	24	21	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1362	24.1%	24.1%
0-40	2226	39.3%	39.3%
0-60	3921	69.2%	69.2%
0-90	4998	88.3%	88.3%
90-130	336	5.9%	5.9%
90-150	530	9.4%	9.4%
90-180	664	11.7%	11.7%
0-180	5662	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8735	8735	8735
5	8701	8706	8700
15	8625	8593	8600
25	8485	8467	8458
35	8341	8289	8223
45	8182	8058	7961
55	7608	7590	7571
65	7228	7161	6997
75	6449	6286	6120
85	5101	4693	4472

LUMINAIRE SECTION	



**LEDALITE**

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