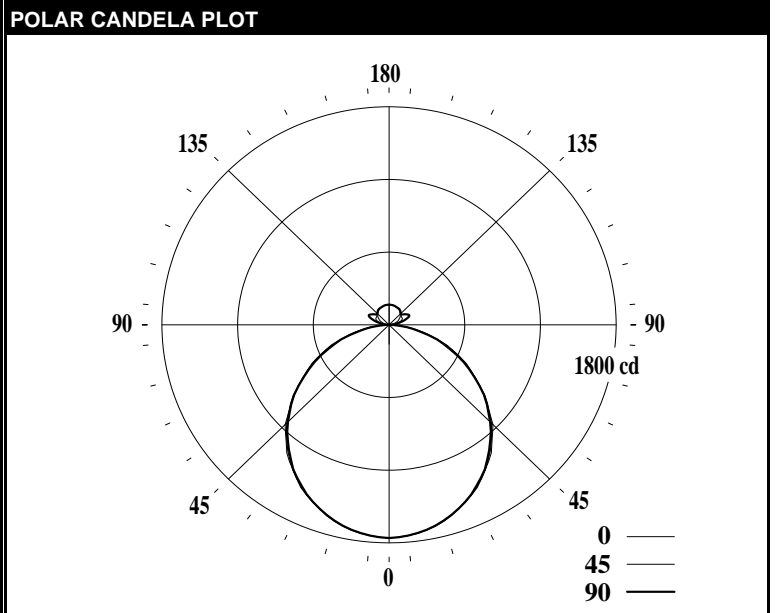


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LAAAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 7500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5634 lm 100.0%
Input Watts:	120 VAC 53.7	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 104.9
CIE-IES Classification:	Semi-Direct	Report:	LNG00079

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1760	1760	1760	1760	1760	
5	1746	1750	1747	1750	1746	166
15	1678	1689	1672	1680	1673	474
25	1549	1568	1546	1554	1544	716
35	1376	1381	1368	1378	1357	859
45	1165	1172	1148	1150	1134	889
55	879	920	877	898	875	798
65	615	643	610	624	596	613
75	336	349	328	346	319	357
85	90	101	82	90	79	103
90	0	0	0	0	0	
95	17	16	27	22	26	25
105	43	47	78	99	107	79
115	77	85	115	161	178	118
125	106	110	118	142	154	112
135	126	128	136	130	131	101
145	144	143	146	149	150	92
155	156	155	155	155	156	72
165	163	162	162	162	162	46
175	167	167	167	166	166	16
180	167	167	167	167	167	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1759.5		0.0
Direct: Peak Candela & Angle (90deg)	1759.5		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	178.2		117.5
Indirect: Zenith Candela, Peak to Zenith		167.3	1.07
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)		Standard	Standard
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	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	1355	24.1%	24.1%
0-40	2215	39.3%	39.3%
0-60	3901	69.2%	69.2%
0-90	4973	88.3%	88.3%
90-130	334	5.9%	5.9%
90-150	527	9.4%	9.4%
90-180	661	11.7%	11.7%
0-180	5634	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8691	8691	8691
5	8658	8663	8656
15	8582	8550	8556
25	8442	8425	8415
35	8300	8247	8181
45	8141	8017	7921
55	7570	7552	7533
65	7191	7125	6962
75	6416	6256	6090
85	5072	4670	4449

LUMINAIRE SECTION	



LEDALITE

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