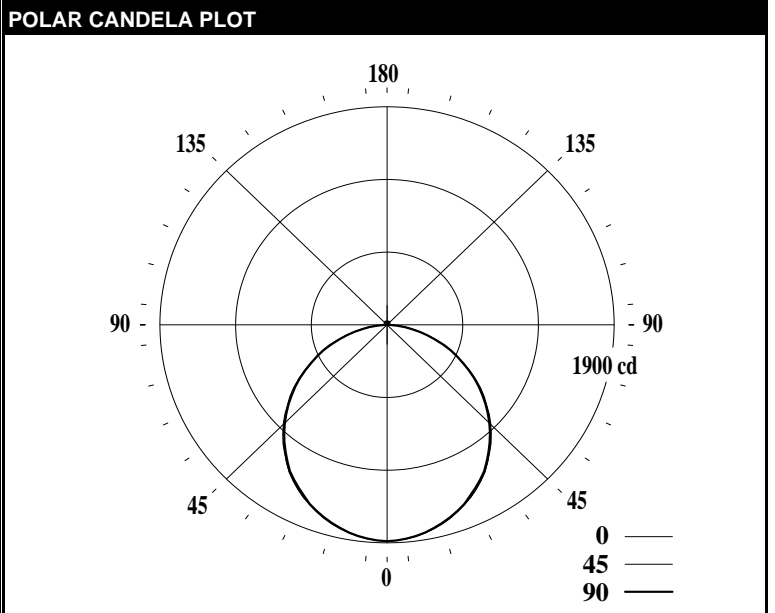


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LAAAJ04
Lamp Type:	LED	Description:	FLOATPLANE 100%DN 7500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5451 lm 100.0%
Input Watts:	120 VAC 53.7	Up/Dn Ratio, Efficacy (lm/W):	2% Up / 98% Dn 101.5
CIE-IES Classification:	Direct	Report:	LNG00099

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1885	1885	1885	1885	1885	
5	1869	1876	1872	1876	1870	178
15	1791	1809	1795	1802	1787	508
25	1659	1673	1656	1664	1643	766
35	1466	1489	1465	1470	1453	920
45	1229	1261	1220	1229	1210	950
55	954	976	946	953	936	854
65	652	680	645	666	643	654
75	354	372	353	357	346	382
85	105	114	89	99	84	113
90	0	0	0	0	0	
95	10	8	10	10	11	10
105	14	14	14	15	15	16
115	18	20	20	20	19	19
125	21	24	25	24	22	21
135	24	26	28	27	27	21
145	26	27	29	29	30	18
155	28	28	28	30	30	13
165	28	27	28	29	29	8
175	29	29	28	28	28	3
180	29	29	29	29	29	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1885.3		0.0
Direct: Peak Candela & Angle (90deg)	1885.3		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	30.6		150.0
Indirect: Zenith Candela, Peak to Zenith	29.4		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	0.3772	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	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	1451	26.6%	26.6%
0-40	2371	43.5%	43.5%
0-60	4175	76.6%	76.6%
0-90	5323	97.7%	97.7%
90-130	66	1.2%	1.2%
90-150	104	1.9%	1.9%
90-180	128	2.3%	2.3%
0-180	5451	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	9312	9312	9312
5	9267	9283	9270
15	9160	9177	9139
25	9040	9027	8955
35	8842	8831	8763
45	8582	8525	8454
55	8219	8144	8062
65	7614	7533	7509
75	6748	6735	6611
85	5945	5061	4744

LUMINAIRE SECTION	



LEDALITE

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