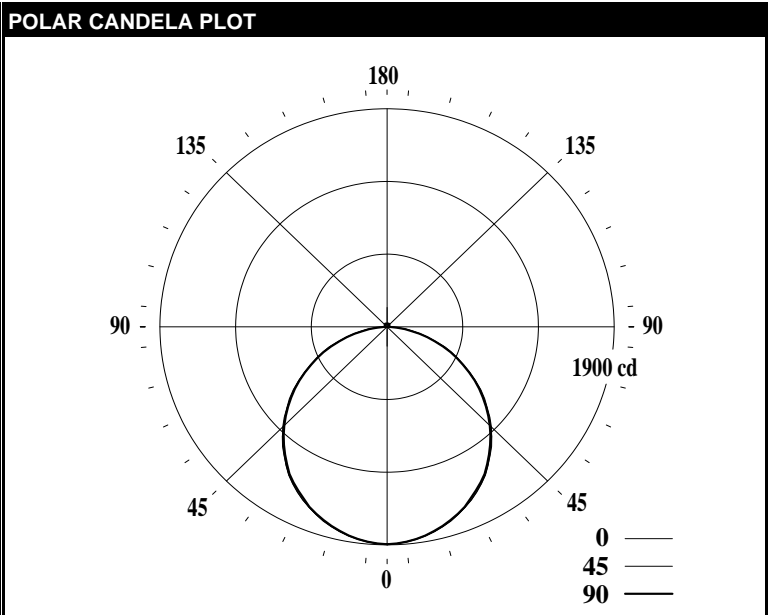


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSAAJ04
Lamp Type:	LED	Description:	FLOATPLANE 100%DN 7500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5479 lm 100.0%
Input Watts:	120 VAC 65.5	Up/Dn Ratio, Efficacy (lm/W):	2% Up / 98% Dn 83.6
CIE-IES Classification:	Direct	Report:	LNG00120

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1895	1895	1895	1895	1895	
5	1878	1886	1882	1885	1879	179
15	1800	1819	1804	1812	1796	510
25	1667	1682	1665	1673	1652	770
35	1474	1496	1472	1478	1461	925
45	1235	1267	1227	1235	1216	955
55	959	981	951	958	941	858
65	655	683	648	670	646	657
75	355	374	355	359	348	384
85	105	115	90	100	84	113
90	0	0	0	0	0	
95	10	8	10	10	11	10
105	14	14	15	15	16	16
115	18	20	20	20	19	20
125	21	24	25	24	23	21
135	24	26	29	27	27	21
145	26	27	29	30	30	18
155	28	28	29	30	31	13
165	29	27	28	29	29	8
175	29	29	28	28	28	3
180	30	30	30	30	30	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1894.8	0.0	
Direct: Peak Candela & Angle (90deg)	1894.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	30.7	150.0	
Indirect: Zenith Candela, Peak to Zenith	29.6	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	0.4055	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	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	1459	26.6%	26.6%
0-40	2383	43.5%	43.5%
0-60	4196	76.6%	76.6%
0-90	5350	97.7%	97.7%
90-130	66	1.2%	1.2%
90-150	105	1.9%	1.9%
90-180	129	2.3%	2.3%
0-180	5479	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	9359	9359	9359
5	9314	9330	9317
15	9206	9223	9185
25	9085	9073	9001
35	8886	8875	8807
45	8626	8568	8497
55	8260	8185	8103
65	7653	7570	7547
75	6783	6769	6645
85	5973	5089	4766

LUMINAIRE SECTION	



LEDALITE

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