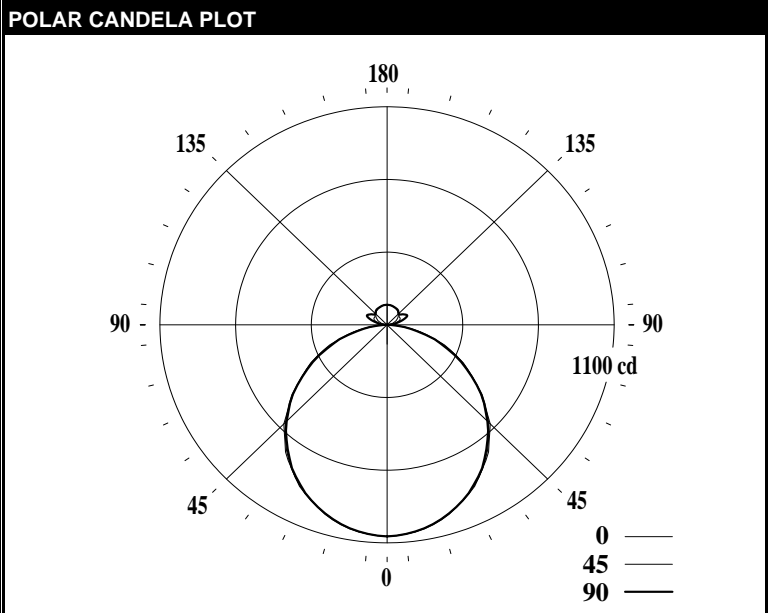


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSCAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 4500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3417 lm 100.0%
Input Watts:	277 VAC 37.8	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 90.4
CIE-IES Classification:	Semi-Direct	Report:	LNG00114

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1067	1067	1067	1067	1067	
5	1059	1062	1060	1061	1059	101
15	1018	1024	1014	1019	1015	287
25	940	951	938	942	937	434
35	835	838	830	836	823	521
45	707	711	696	697	688	539
55	533	558	532	545	531	484
65	373	390	370	379	361	372
75	204	211	199	210	194	217
85	54	61	50	55	48	62
90	0	0	0	0	0	
95	10	10	16	14	16	15
105	26	29	47	60	65	48
115	47	51	70	98	108	72
125	64	67	72	86	93	68
135	77	77	83	79	79	62
145	87	87	89	90	91	56
155	94	94	94	94	95	44
165	99	98	98	98	99	28
175	101	101	101	101	101	10
180	102	102	102	102	102	



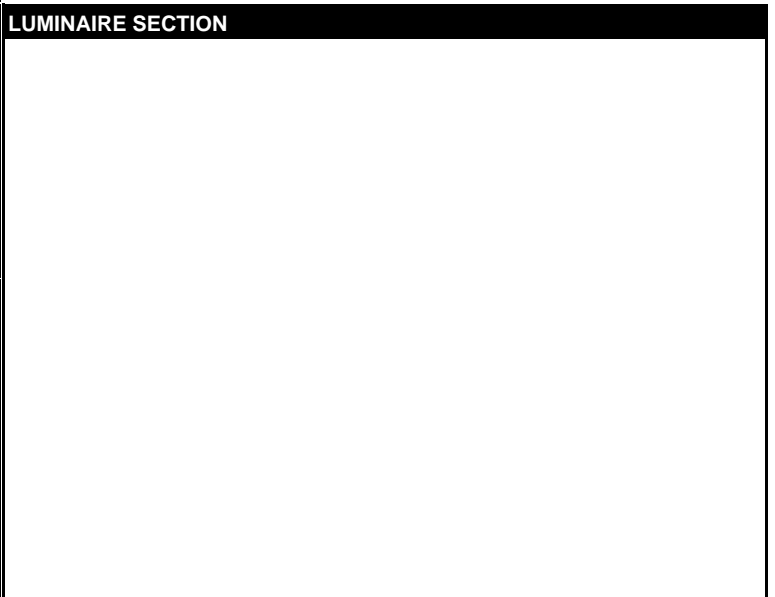
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1067.3	0.0	
Direct: Peak Candela & Angle (90deg)	1067.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	108.1	117.5	
Indirect: Zenith Candela, Peak to Zenith	101.5	1.07	
Luminous Length, Width, 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)	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	37.7	0.314	6.4 0.999
277V: P(W), I(A), THD(%), PF	37.8	0.140	8.3 0.978
347V: P(W), I(A), THD(%), PF	37.0	0.109	6.5 0.979

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	822	24.1%	24.1%
0-40	1343	39.3%	39.3%
0-60	2366	69.2%	69.2%
0-90	3017	88.3%	88.3%
90-130	203	5.9%	5.9%
90-150	320	9.4%	9.4%
90-180	401	11.7%	11.7%
0-180	3417	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5272	5272	5272
5	5251	5254	5251
15	5206	5186	5190
25	5121	5110	5104
35	5034	5002	4963
45	4938	4863	4805
55	4592	4581	4569
65	4362	4322	4223
75	3891	3794	3695
85	3077	2834	2698



LEDALITE

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