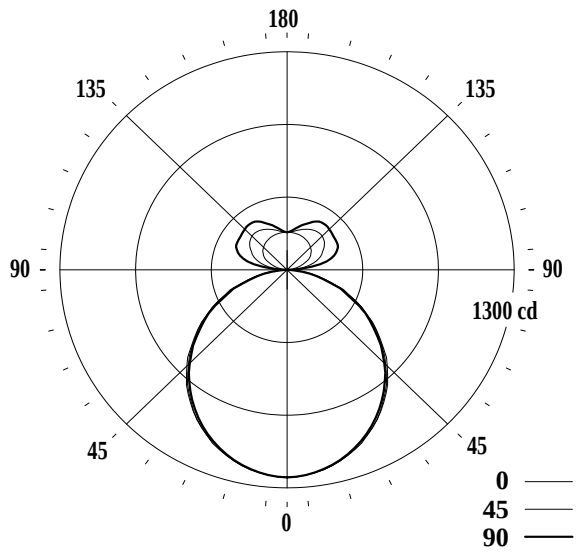
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LSBAG04**
Lamp Type:	LED	**Description:**	FLOATPLANE 75%DN 6000LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4745 lm 100.0%
Input Watts:	120 VAC 51.8	**Up/Dn Ratio, Efficacy (lm/W):**	27% Up / 73% Dn 91.6
CIE-IES Classification:	Semi-Direct	**Report:**	LNG00111

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1238	1238	1238	1238	1238	
5	1229	1231	1228	1231	1228	117
15	1178	1186	1179	1182	1174	333
25	1087	1101	1088	1093	1078	503
35	965	979	958	966	947	604
45	811	820	799	811	787	623
55	625	643	621	625	606	560
65	430	443	429	426	408	426
75	230	247	228	234	215	248
85	64	72	59	60	43	71
90	0	0	0	0	0	
95	18	28	57	57	85	56
105	68	76	156	219	260	161
115	127	142	220	289	322	215
125	166	196	261	307	331	227
135	190	221	285	323	342	211
145	205	231	284	326	345	175
155	216	232	267	299	309	123
165	222	228	245	264	267	70
175	224	225	227	230	231	22
180	224	224	224	224	224	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1237.5	0.0
Direct: Peak Candela & Angle (90deg)			1237.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			346.6	140.0
Indirect: Zenith Candela, Peak to Zenith			223.5	1.55
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	51.8	0.433	6.1	0.997
277V: P(W), I(A), THD(%), PF	51.2	0.189	9.3	0.978
347V: P(W), I(A), THD(%), PF	50.0	0.147	6.5	0.982

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	113	113	113	113	107	107	107	96	96	96	73
1	103	98	94	90	97	93	90	84	81	79	61
2	93	85	79	73	88	81	75	74	69	65	51
3	85	75	67	61	80	71	64	65	59	54	43
4	78	66	58	52	74	63	56	57	51	46	37
5	71	59	51	44	68	56	49	51	45	40	32
6	66	53	45	38	62	51	43	46	40	35	28
7	61	48	40	34	58	46	38	42	35	31	24
8	57	44	36	30	54	42	34	38	32	27	22
9	53	40	32	27	50	38	31	35	29	25	20
10	49	37	29	24	47	35	28	33	26	22	18

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	953	20.1%	20.1%
0-40	1557	32.8%	32.8%
0-60	2739	57.7%	57.7%
0-90	3485	73.4%	73.4%
90-130	660	13.9%	13.9%
90-150	1045	22.0%	22.0%
90-180	1260	26.6%	26.6%
0-180	4745	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6113	6113	6113
5	6091	6088	6090
15	6024	6027	6003
25	5924	5927	5875
35	5818	5777	5710
45	5667	5581	5499
55	5383	5351	5216
65	5030	5013	4766
75	4389	4353	4096
85	3621	3349	2420

LUMINAIRE SECTION

LEDALITE

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