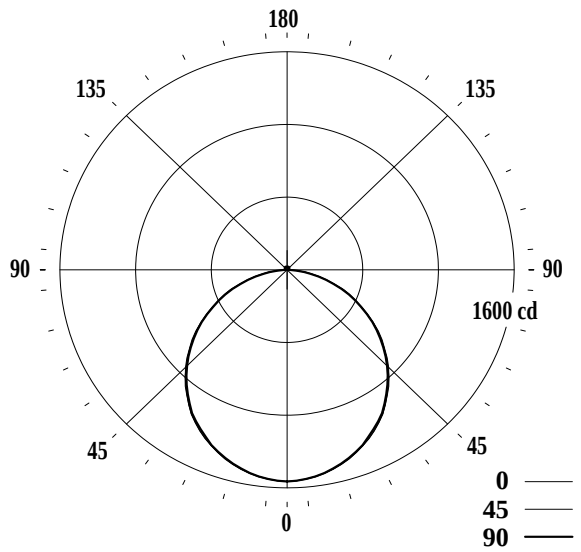
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LBBAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 6000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4491 lm 100.0%
Input Watts:	120 VAC 42.3	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 106.2
CIE-IES Classification:	Direct	**Report:**	LNG00093

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1553	1553	1553	1553	1553	
5	1540	1546	1543	1545	1540	147
15	1476	1491	1479	1485	1472	418
25	1367	1379	1365	1371	1354	631
35	1208	1226	1207	1211	1197	758
45	1012	1039	1006	1012	997	783
55	786	804	779	785	771	703
65	537	560	531	549	529	539
75	291	307	291	294	285	315
85	86	94	74	82	69	93
90	0	0	0	0	0	
95	8	7	8	8	9	8
105	12	12	12	12	13	13
115	15	17	17	16	16	16
125	17	20	21	20	18	17
135	20	21	23	22	22	17
145	22	22	24	24	24	15
155	23	23	23	25	25	11
165	23	23	23	24	24	7
175	24	24	23	23	23	2
180	24	24	24	24	24	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1553.4	0.0
Direct: Peak Candela & Angle (90deg)			1553.4	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			25.2	150.0
Indirect: Zenith Candela, Peak to Zenith			24.3	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)			Standard	Standard
x, y, CCT ,Duv	0.4036	0.3898	3529	0.0000
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	42.3	0.355	7.0	0.993
277V: P(W), I(A), THD(%), PF	41.5	0.155	10.7	0.969
347V: P(W), I(A), THD(%), PF	41.4	0.122	7.2	0.977

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	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	1196	26.6%	26.6%
0-40	1954	43.5%	43.5%
0-60	3440	76.6%	76.6%
0-90	4386	97.7%	97.7%
90-130	54	1.2%	1.2%
90-150	86	1.9%	1.9%
90-180	106	2.3%	2.3%
0-180	4491	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7673	7673	7673
5	7635	7649	7638
15	7547	7561	7529
25	7448	7438	7379
35	7285	7276	7220
45	7071	7024	6966
55	6772	6710	6642
65	6274	6206	6186
75	5559	5550	5447
85	4897	4171	3910

LUMINAIRE SECTION

LEDALITE

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