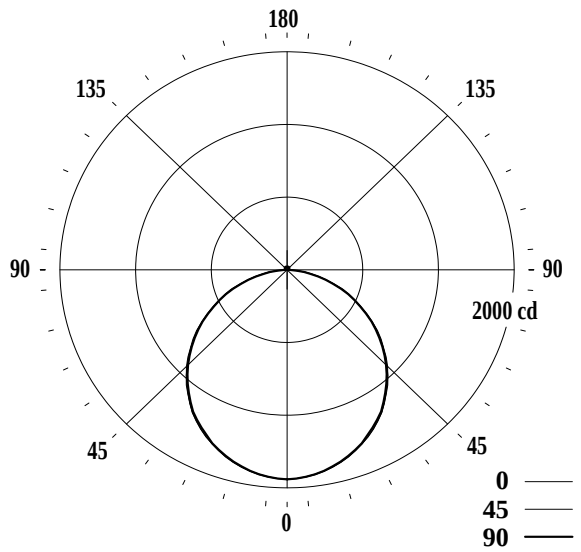
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LBAAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 7500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5555 lm 100.0%
Input Watts:	120 VAC 53.7	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 103.4
CIE-IES Classification:	Direct	**Report:**	LNG00098

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1921	1921	1921	1921	1921	
5	1905	1912	1908	1911	1905	181
15	1825	1844	1829	1837	1821	517
25	1690	1705	1688	1696	1675	780
35	1494	1517	1492	1498	1481	938
45	1252	1285	1244	1252	1233	968
55	973	995	964	972	954	870
65	664	693	657	679	655	666
75	360	379	360	364	353	390
85	107	116	91	101	85	115
90	0	0	0	0	0	
95	10	8	10	10	11	10
105	14	15	15	15	16	16
115	18	21	21	20	19	20
125	21	24	26	24	23	22
135	24	27	29	28	27	21
145	27	28	29	30	30	18
155	28	28	29	30	31	14
165	29	28	28	30	30	8
175	30	29	29	28	28	3
180	30	30	30	30	30	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1921.3	0.0
Direct: Peak Candela & Angle (90deg)			1921.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			31.1	150.0
Indirect: Zenith Candela, Peak to Zenith			30.0	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	0.4036	0.3898	3529	0.0000
CRI (Ra), R9			82	9
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
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	1479	26.6%	26.6%
0-40	2417	43.5%	43.5%
0-60	4255	76.6%	76.6%
0-90	5425	97.7%	97.7%
90-130	67	1.2%	1.2%
90-150	106	1.9%	1.9%
90-180	130	2.3%	2.3%
0-180	5555	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	9490	9490	9490
5	9444	9461	9447
15	9334	9352	9313
25	9213	9200	9127
35	9010	8999	8930
45	8746	8688	8616
55	8376	8299	8216
65	7761	7676	7652
75	6876	6865	6737
85	6058	5157	4834

LUMINAIRE SECTION

LEDALITE

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