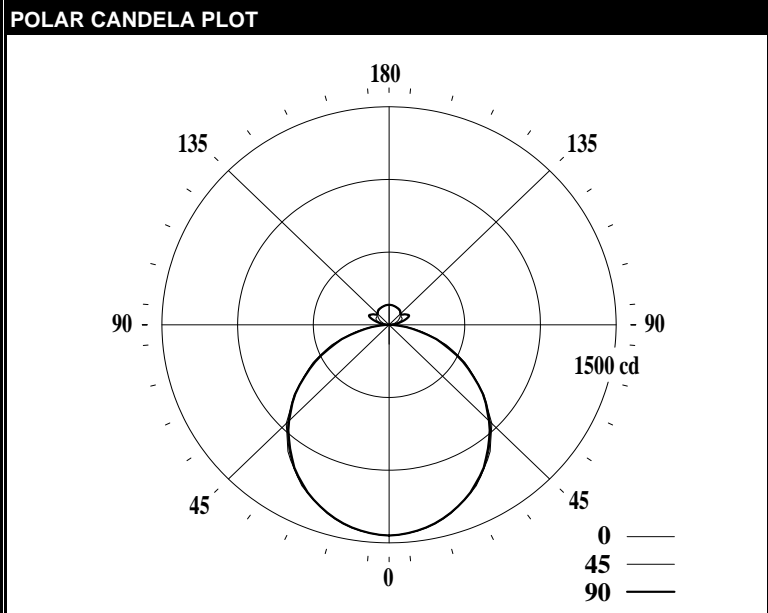


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LBBAH04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 90%DN 6000LM 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4642 lm 100.0%
<b>Input Watts:</b>	120 VAC 42.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	12% Up / 88% Dn 109.7
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report:</b>	LNG00073

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1450	1450	1450	1450	1450	
5	1439	1442	1440	1442	1438	137
15	1383	1391	1378	1384	1379	390
25	1276	1292	1274	1280	1272	590
35	1134	1138	1127	1135	1118	708
45	960	965	946	947	934	732
55	724	758	723	740	721	657
65	507	530	502	514	491	505
75	277	287	270	285	263	294
85	74	83	68	74	65	85
90	0	0	0	0	0	
95	14	13	22	18	22	21
105	36	39	64	81	88	65
115	64	70	95	133	147	97
125	87	90	98	117	127	92
135	104	105	112	107	108	84
145	118	118	121	123	124	75
155	128	128	128	128	129	59
165	134	134	134	134	134	38
175	138	137	137	137	137	13
180	138	138	138	138	138	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1449.7		0.0
Direct: Peak Candela & Angle (90deg)	1449.7		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	146.8		117.5
Indirect: Zenith Candela, Peak to Zenith		137.9	1.06
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	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	1117	24.1%	24.1%
0-40	1825	39.3%	39.3%
0-60	3214	69.2%	69.2%
0-90	4098	88.3%	88.3%
90-130	276	5.9%	5.9%
90-150	434	9.4%	9.4%
90-180	544	11.7%	11.7%
0-180	4642	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	7161	7161	7161
5	7133	7137	7132
15	7071	7044	7050
25	6955	6941	6934
35	6838	6795	6741
45	6707	6605	6526
55	6237	6223	6207
65	5926	5871	5736
75	5286	5155	5017
85	4182	3848	3667

LUMINAIRE SECTION	



**LEDALITE**

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