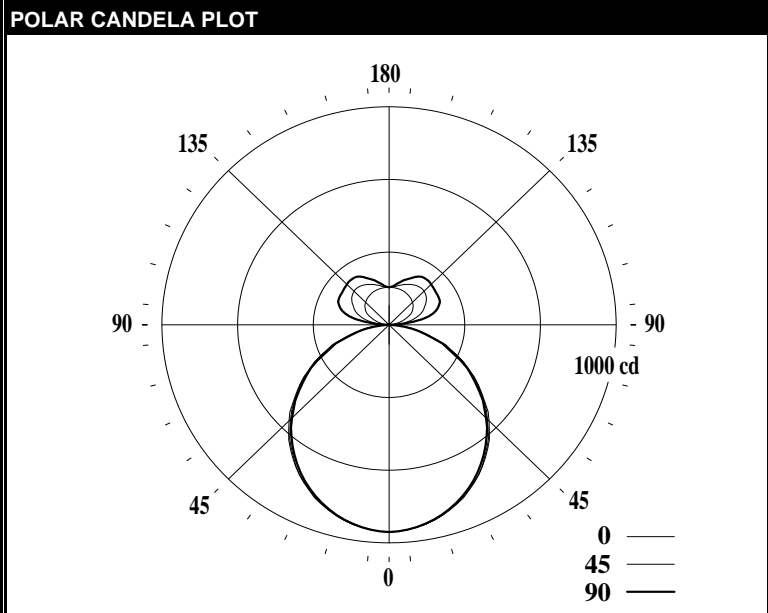


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LBCAG04
Lamp Type:	LED	Description:	FLOATPLANE 75%DN 4500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3642 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	27% Up / 73% Dn 115.6
CIE-IES Classification:	Semi-Direct	Report:	LNG00048

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	950	950	950	950	950	
5	943	945	943	945	943	90
15	904	911	905	908	901	256
25	834	845	835	839	828	386
35	741	752	735	741	727	464
45	623	630	613	623	604	478
55	480	493	477	480	465	430
65	330	340	329	327	313	327
75	177	190	175	180	165	191
85	49	56	45	46	33	55
90	0	0	0	0	0	
95	14	21	44	44	65	43
105	52	58	120	168	200	124
115	98	109	169	222	247	165
125	128	150	200	236	254	174
135	146	169	219	248	262	162
145	158	178	218	250	265	134
155	166	178	205	230	237	94
165	170	175	188	202	205	54
175	172	173	174	177	177	17
180	172	172	172	172	172	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	950.0	0.0	
Direct: Peak Candela & Angle (90deg)	950.0	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	266.0	140.0	
Indirect: Zenith Candela, Peak to Zenith	171.6	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)	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	31.4	0.262	7.9 0.998
277V: P(W), I(A), THD(%), PF	31.5	0.117	10.0 0.973
347V: P(W), I(A), THD(%), PF	31.0	0.092	7.4 0.972

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	731	20.1%	20.1%
0-40	1195	32.8%	32.8%
0-60	2103	57.7%	57.7%
0-90	2675	73.4%	73.4%
90-130	506	13.9%	13.9%
90-150	803	22.0%	22.0%
90-180	967	26.6%	26.6%
0-180	3642	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4692	4692	4692
5	4676	4673	4675
15	4624	4627	4608
25	4548	4550	4510
35	4466	4434	4384
45	4350	4284	4221
55	4133	4108	4004
65	3862	3849	3658
75	3370	3342	3143
85	2777	2573	1859

LUMINAIRE SECTION	



LEDALITE

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