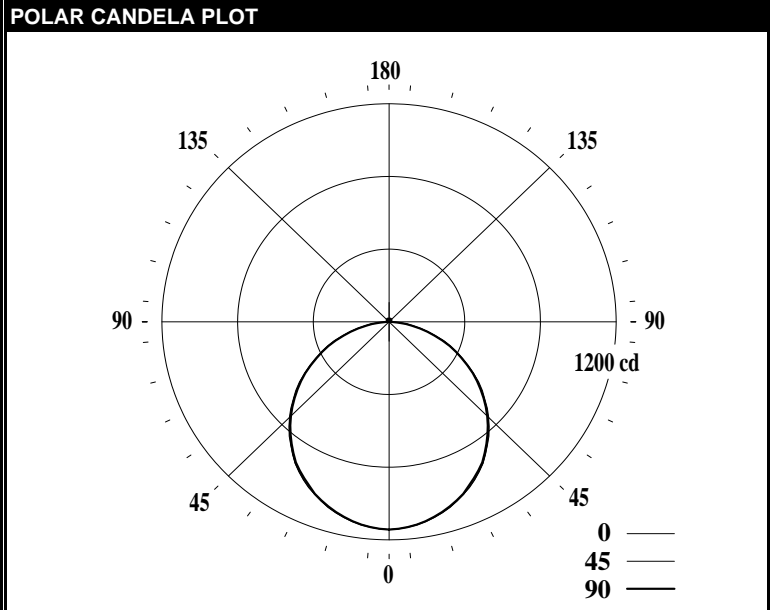


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LACAJ04
Lamp Type:	LED	Description:	FLOATPLANE 100%DN 4500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3306 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	2% Up / 98% Dn 105.0
CIE-IES Classification:	Direct	Report:	LNG00089

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1143	1143	1143	1143	1143	
5	1133	1138	1135	1137	1134	108
15	1086	1097	1088	1093	1084	308
25	1006	1015	1005	1009	996	464
35	889	903	888	891	881	558
45	745	764	740	745	734	576
55	579	592	574	578	568	518
65	395	412	391	404	390	396
75	214	226	214	216	210	232
85	64	69	54	60	51	68
90	0	0	0	0	0	
95	6	5	6	6	7	6
105	9	9	9	9	9	9
115	11	12	12	12	11	12
125	13	15	15	15	14	13
135	15	16	17	17	16	13
145	16	16	17	18	18	11
155	17	17	17	18	19	8
165	17	17	17	18	18	5
175	18	17	17	17	17	2
180	18	18	18	18	18	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1143.3		0.0
Direct: Peak Candela & Angle (90deg)	1143.3		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	18.5		150.0
Indirect: Zenith Candela, Peak to Zenith	17.9		1.03
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	0.3772	0.3749	4077 0.0001
CRI (Ra), R9			82 10
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	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	880	26.6%	26.6%
0-40	1438	43.5%	43.5%
0-60	2532	76.6%	76.6%
0-90	3228	97.7%	97.7%
90-130	40	1.2%	1.2%
90-150	63	1.9%	1.9%
90-180	78	2.3%	2.3%
0-180	3306	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5647	5647	5647
5	5619	5630	5621
15	5554	5565	5542
25	5482	5475	5430
35	5361	5355	5314
45	5204	5169	5127
55	4984	4939	4889
65	4618	4568	4553
75	4092	4084	4010
85	3604	3072	2879

LUMINAIRE SECTION



LEDALITE

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