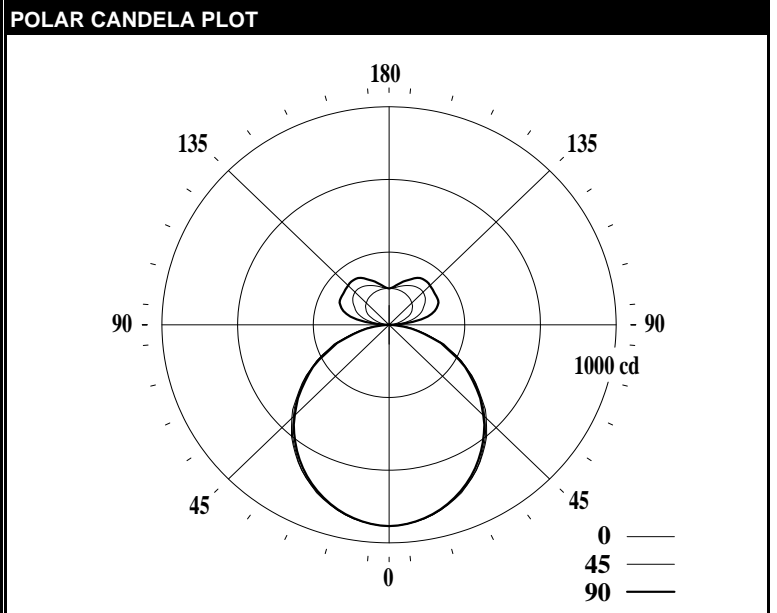


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCCAG04
Lamp Type:	LED	Description:	FLOATPLANE 75%DN 4500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3540 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	27% Up / 73% Dn 112.4
CIE-IES Classification:	Semi-Direct	Report:	LNG00047

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	923	923	923	923	923	
5	917	919	916	919	916	87
15	879	885	879	882	876	249
25	811	821	811	815	804	375
35	720	730	715	721	707	450
45	605	612	596	605	587	465
55	466	479	464	466	452	418
65	321	331	320	318	304	318
75	172	184	170	175	160	185
85	48	54	44	45	32	53
90	0	0	0	0	0	
95	13	21	43	43	63	42
105	50	57	117	164	194	120
115	95	106	164	216	240	161
125	124	146	195	229	247	169
135	142	165	212	241	255	158
145	153	173	212	243	257	130
155	161	173	199	223	231	92
165	165	170	183	197	199	52
175	167	168	169	172	172	16
180	167	167	167	167	167	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	923.2		0.0
Direct: Peak Candela & Angle (90deg)	923.2		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	258.6		140.0
Indirect: Zenith Candela, Peak to Zenith	166.7		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	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9			83 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	711	20.1%	20.1%
0-40	1161	32.8%	32.8%
0-60	2044	57.7%	57.7%
0-90	2600	73.4%	73.4%
90-130	492	13.9%	13.9%
90-150	780	22.0%	22.0%
90-180	940	26.6%	26.6%
0-180	3540	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4560	4560	4560
5	4545	4542	4543
15	4494	4497	4479
25	4420	4422	4383
35	4341	4310	4260
45	4228	4163	4103
55	4016	3992	3892
65	3753	3740	3555
75	3275	3248	3055
85	2698	2499	1808

LUMINAIRE SECTION	



LEDALITE

Ledalite
 19750 - 92A Avenue
 Langley, BC
 CANADA V1M 3B2
 Phone: 604-888-6811
 Fax: 800-665-5332
 604-888-2003