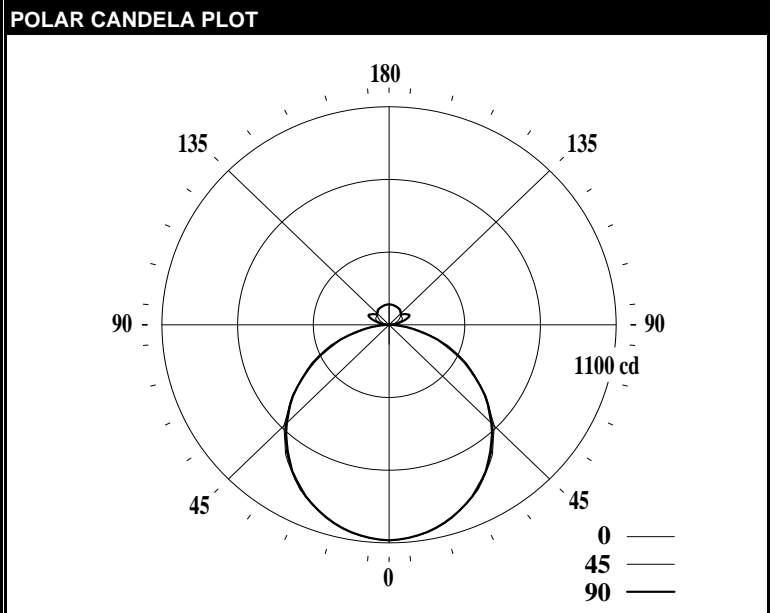


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LBCAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 4500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3482 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 110.5
CIE-IES Classification:	Semi-Direct	Report:	LNG00068

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1087	1087	1087	1087	1087	
5	1079	1081	1080	1081	1079	103
15	1037	1044	1033	1038	1034	293
25	957	969	955	960	954	442
35	851	854	845	851	839	531
45	720	724	709	710	701	549
55	543	569	542	555	541	493
65	380	397	377	386	368	379
75	208	215	203	214	197	221
85	55	62	51	56	49	63
90	0	0	0	0	0	
95	10	10	16	14	16	16
105	27	29	48	61	66	49
115	48	52	71	100	110	73
125	65	68	73	88	95	69
135	78	79	84	80	81	63
145	89	88	90	92	93	57
155	96	96	96	96	97	44
165	101	100	100	100	100	28
175	103	103	103	103	103	10
180	103	103	103	103	103	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1087.4		0.0
Direct: Peak Candela & Angle (90deg)	1087.4		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	110.1	117.5	
Indirect: Zenith Candela, Peak to Zenith	103.4	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	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	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	838	24.1%	24.1%
0-40	1369	39.3%	39.3%
0-60	2411	69.2%	69.2%
0-90	3073	88.3%	88.3%
90-130	207	5.9%	5.9%
90-150	326	9.4%	9.4%
90-180	408	11.7%	11.7%
0-180	3482	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5371	5371	5371
5	5350	5353	5349
15	5303	5283	5288
25	5217	5206	5200
35	5129	5096	5056
45	5031	4955	4895
55	4678	4667	4655
65	4445	4403	4302
75	3966	3866	3763
85	3134	2885	2749

LUMINAIRE SECTION	



LEDALITE

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