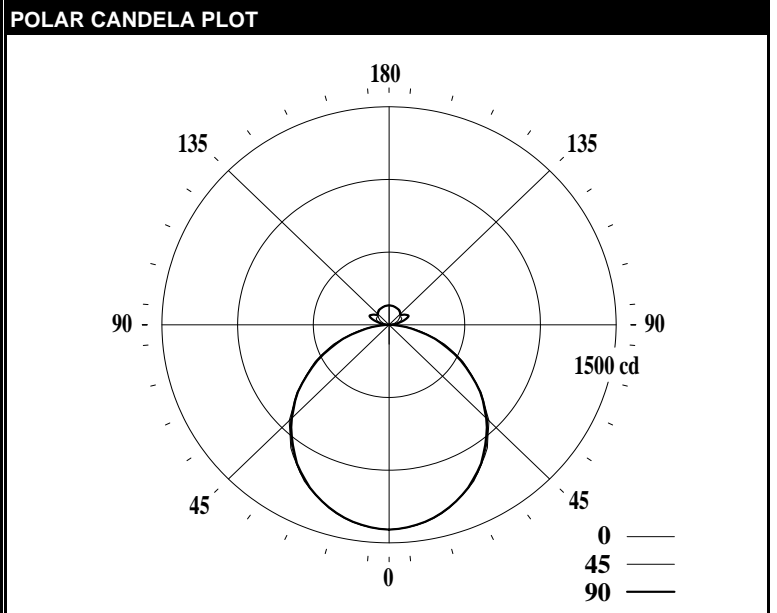


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCBAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 6000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4511 lm 100.0%
Input Watts:	120 VAC 42.3	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 106.6
CIE-IES Classification:	Semi-Direct	Report:	LNG00072

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1409	1409	1409	1409	1409	
5	1398	1401	1399	1401	1398	133
15	1344	1352	1339	1345	1340	379
25	1240	1255	1238	1244	1236	573
35	1102	1106	1095	1103	1087	688
45	933	938	919	921	908	712
55	704	737	702	719	701	639
65	493	515	488	500	477	491
75	269	279	263	277	256	286
85	72	81	66	72	63	82
90	0	0	0	0	0	
95	14	13	21	18	21	20
105	35	38	63	79	86	63
115	62	68	92	129	142	95
125	85	88	95	113	123	90
135	101	102	109	104	105	81
145	115	114	117	119	120	73
155	125	124	124	124	125	57
165	131	130	130	130	130	37
175	134	134	133	133	133	13
180	134	134	134	134	134	



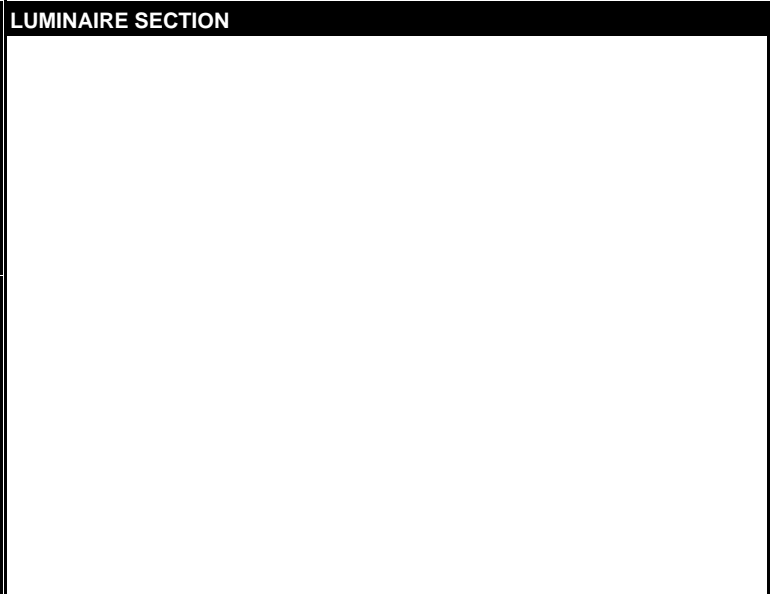
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1408.9	0.0	
Direct: Peak Candela & Angle (90deg)	1408.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	142.7	117.5	
Indirect: Zenith Candela, Peak to Zenith	134.0	1.06	
Luminous Length, Width, 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	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9		83	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	1085	24.1%	24.1%
0-40	1774	39.3%	39.3%
0-60	3124	69.2%	69.2%
0-90	3982	88.3%	88.3%
90-130	268	5.9%	5.9%
90-150	422	9.4%	9.4%
90-180	529	11.7%	11.7%
0-180	4511	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6959	6959	6959
5	6933	6937	6932
15	6872	6846	6851
25	6760	6746	6738
35	6646	6604	6551
45	6519	6420	6342
55	6062	6047	6032
65	5758	5706	5575
75	5138	5010	4876
85	4063	3740	3565



LEDALITE

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