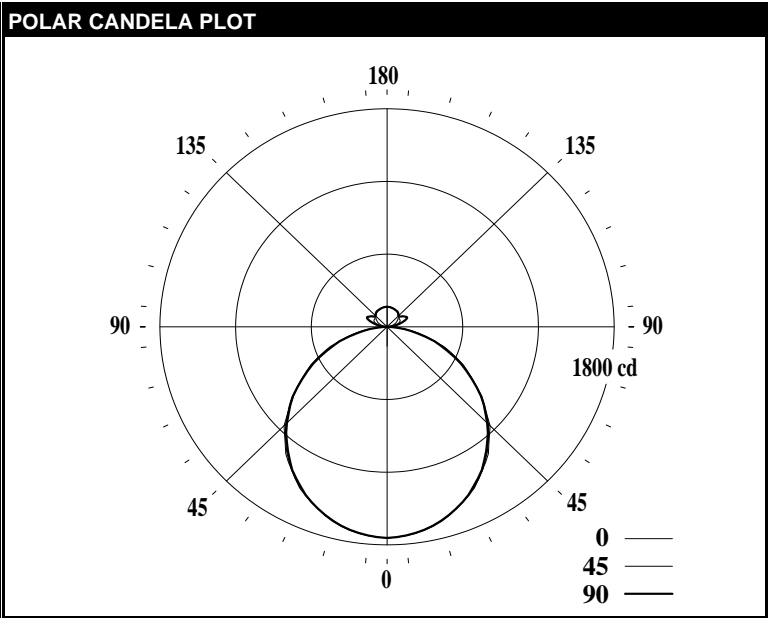


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCAAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 7500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5580 lm 100.0%
Input Watts:	120 VAC 53.4	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 104.5
CIE-IES Classification:	Semi-Direct	Report:	LNG00077

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1743	1743	1743	1743	1743	
5	1729	1733	1730	1733	1729	165
15	1662	1673	1656	1664	1657	469
25	1534	1553	1531	1539	1529	709
35	1363	1368	1355	1365	1344	851
45	1154	1160	1137	1139	1123	880
55	871	911	869	890	866	790
65	609	637	604	618	590	607
75	333	345	325	343	316	354
85	89	100	82	89	78	102
90	0	0	0	0	0	
95	17	16	26	22	26	25
105	43	47	77	98	106	78
115	77	84	114	160	176	117
125	105	109	117	140	152	111
135	125	126	135	129	130	100
145	142	141	145	147	148	91
155	154	153	153	153	155	71
165	161	161	161	161	161	45
175	165	165	165	165	164	16
180	166	166	166	166	166	



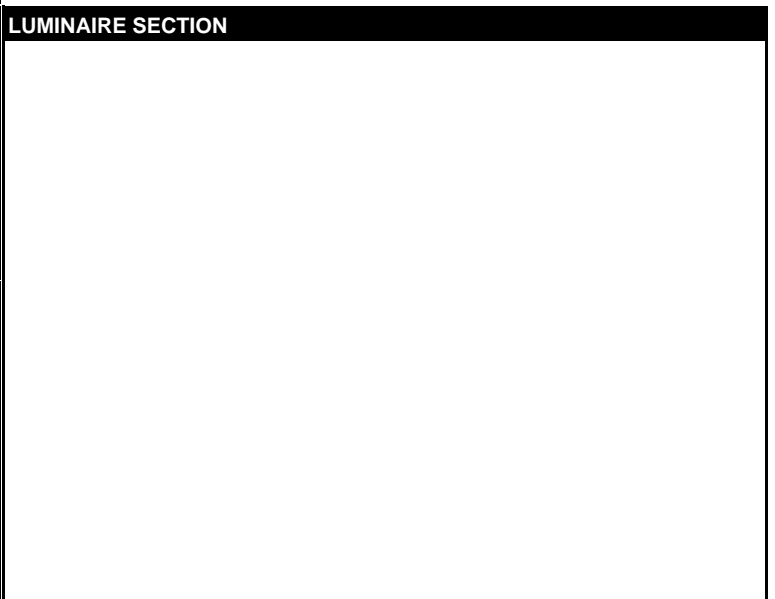
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1742.7		0.0
Direct: Peak Candela & Angle (90deg)	1742.7		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	176.5		117.5
Indirect: Zenith Candela, Peak to Zenith	165.7		1.07
Luminous Length, Width, 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	53.4	0.449	9.9 0.990
277V: P(W), I(A), THD(%), PF	52.5	0.193	10.4 0.982
347V: P(W), I(A), THD(%), PF	52.4	0.155	8.8 0.975

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	1343	24.1%	24.1%
0-40	2194	39.3%	39.3%
0-60	3864	69.2%	69.2%
0-90	4926	88.3%	88.3%
90-130	331	5.9%	5.9%
90-150	522	9.4%	9.4%
90-180	654	11.7%	11.7%
0-180	5580	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8608	8608	8608
5	8575	8580	8573
15	8500	8468	8474
25	8361	8344	8335
35	8220	8168	8104
45	8063	7940	7845
55	7498	7480	7461
65	7122	7057	6896
75	6355	6197	6033
85	5027	4625	4409



LEDALITE

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