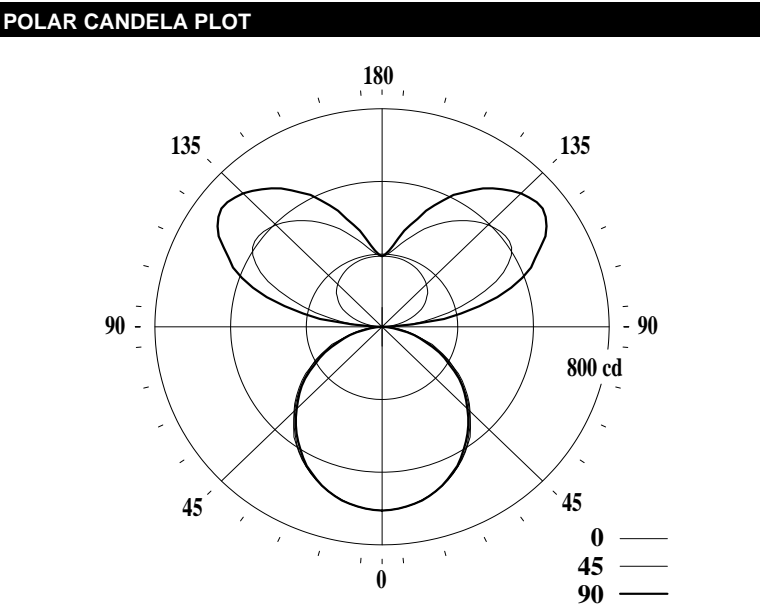


# LEDALITE - FLOATPLANE

<b>TEST DATE:</b>	17 Sep 2019	<b>CATALOG NO:</b>	24x5LCCAD04
<b>Lamp Type:</b>	LED	<b>Description:</b>	FLOATPLANE 50%DN 4500LM 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4080 lm 100.0%
<b>Input Watts:</b>	277 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	54% Up / 46% Dn 129.5
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report:</b>	LNG00027

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	674	674	674	674	674	
5	669	671	670	671	669	64
15	642	646	642	645	643	182
25	594	598	594	594	589	274
35	527	532	524	524	515	328
45	439	449	435	439	425	339
55	345	351	336	339	331	305
65	236	241	229	231	222	230
75	125	132	122	121	117	132
85	33	38	26	29	21	36
90	0	0	0	0	0	
95	26	48	96	105	108	88
105	90	142	288	373	421	277
115	153	267	472	565	595	411
125	192	327	548	664	704	442
135	221	338	529	653	692	382
145	238	327	476	584	620	285
155	250	306	407	494	513	184
165	257	282	330	382	388	94
175	259	263	271	284	280	27
180	259	259	259	259	259	



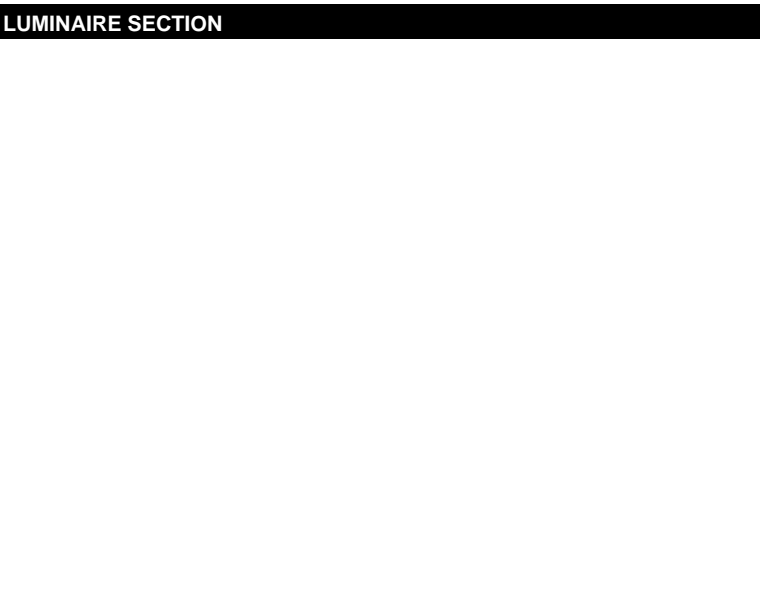
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	674.1	0.0	
Direct: Peak Candela & Angle (90deg)	674.1	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	713.4	127.5	
Indirect: Zenith Candela, Peak to Zenith	258.8	2.76	
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	106	106	106	106	98	98	98	81	81	81	46	
	1	97	92	89	85	89	85	82	71	69	66	39	
	2	88	81	74	69	81	74	69	62	58	55	32	
	3	80	71	63	57	73	65	59	55	50	46	27	
	4	73	62	55	48	67	58	51	48	43	39	23	
	5	67	56	47	41	61	51	44	43	38	33	20	
	6	62	50	42	36	57	46	39	39	33	29	17	
	7	57	45	37	31	52	41	34	35	30	26	15	
	8	53	41	33	28	48	38	31	32	27	23	14	
	9	49	37	30	24	45	34	28	29	24	20	12	
	10	46	34	27	22	42	32	25	27	22	18	11	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	519	12.7%	12.7%
0-40	848	20.8%	20.8%
0-60	1491	36.6%	36.6%
0-90	1890	46.3%	46.3%
90-130	1218	29.9%	29.9%
90-150	1885	46.2%	46.2%
90-180	2190	53.7%	53.7%
0-180	4080	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3330	3330	3330
5	3318	3320	3319
15	3282	3285	3287
25	3236	3236	3211
35	3177	3161	3105
45	3064	3035	2971
55	2967	2894	2852
65	2756	2676	2597
75	2380	2323	2235
85	1870	1451	1173



**LEDALITE**

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