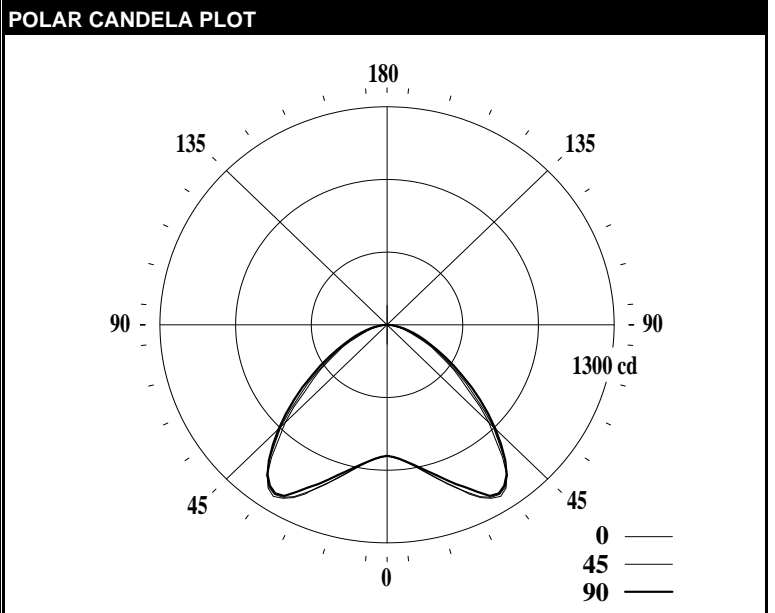


# LEDALITE - ARCFORM

<b>TEST DATE:</b>	20 Apr 2020	<b>CATALOG NO:</b>	3622DxxxL93530
<b>Lamp Type:</b>	LED	<b>Description:</b>	ARCFORM 2X2 3000LM 935
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3096 lm 100.0%
<b>Input Watts:</b>	277 VAC 28.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 107.9
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01079

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	781	781	781	781	781	
5	803	797	804	797	801	78
15	921	905	918	895	904	261
25	1114	1094	1104	1072	1070	507
35	1188	1195	1180	1191	1170	729
45	825	856	859	900	877	665
55	466	490	487	536	522	452
65	232	256	254	275	271	260
75	93	106	102	121	123	118
85	17	20	20	32	31	28
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1212.5	32.5	
Direct: Peak Candela & Angle (90deg)	1191.4	32.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.79	1.83	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	1.81	1.81	0.00
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.4098	0.3934	3425 0.0002
CRI (Ra), R9, Ga, C9	93	59	98 93
TM-30-18 Rf, Rg, Rcs,h1	91	99	-6%
UGR (4H x 8H, 1.0H), MDER		18.1	0.625
120V: P(W), I(A), THD(%), PF	28.5	0.239	8.9 0.993
277V: P(W), I(A), THD(%), PF	28.7	0.108	10.2 0.959
347V: P(W), I(A), THD(%), PF	29.0	0.087	8.1 0.956

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	100	
1	110	106	102	98	107	103	100	99	96	94	86		
2	101	93	87	82	98	91	86	88	83	79	73		
3	92	82	75	69	90	81	74	78	72	67	63		
4	85	73	65	59	82	72	64	70	63	57	54		
5	78	66	57	51	76	65	56	62	55	50	47		
6	72	59	50	44	70	58	50	56	49	44	41		
7	67	53	45	39	65	53	44	51	44	38	36		
8	62	49	40	34	60	48	40	47	39	34	32		
9	58	44	36	31	56	44	36	43	36	31	28		
10	54	41	33	28	53	40	33	39	32	27	26		

\*Based on a floor reflectance of 0.2



**LEDALITE**

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

Zone	Lumens	%Fixture	%Lamp
0-30	845	27.3%	27.3%
0-40	1574	50.8%	50.8%
0-60	2691	86.9%	86.9%
0-90	3096	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3096	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	2565	2565	2565
5	2647	2651	2642
15	3131	3123	3075
25	4035	4002	3877
35	4762	4731	4693
45	3832	3992	4075
55	2666	2786	2991
65	1799	1974	2102
75	1178	1296	1560
85	629	746	1164

