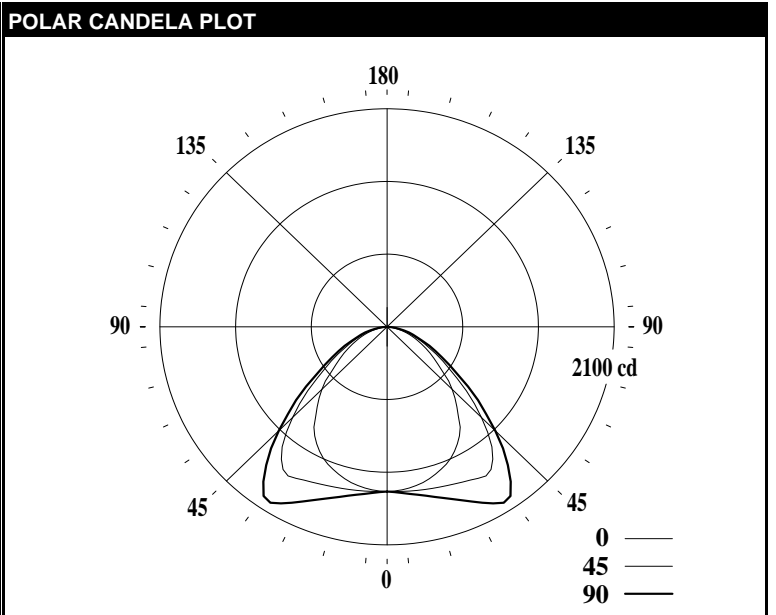


# LEDALITE - ARCFORM

<b>TEST DATE:</b>	20 Apr 2020	<b>CATALOG NO:</b>	3614DxxxL95045
<b>Lamp Type:</b>	LED	<b>Description:</b>	ARCFORM 1X4 4500LM 950
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4570 lm 100.0%
<b>Input Watts:</b>	120 VAC 42.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 107.0
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01102

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1586	1586	1586	1586	1586	
5	1576	1582	1591	1598	1606	152
15	1514	1548	1611	1661	1696	456
25	1396	1487	1650	1774	1857	758
35	1179	1386	1677	1911	1990	1008
45	852	1010	1234	1442	1417	930
55	530	605	702	822	793	637
65	312	334	378	431	432	382
75	141	159	182	221	209	196
85	21	41	43	58	42	51
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			None
Direct: Peak Candela & Angle (0deg)	1586.2	0.0	
Direct: Peak Candela & Angle (90deg)	2008.4	32.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.22	1.67	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)	3.81	0.81	0.00
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.3459	0.3570	4989 0.0024
CRI (Ra), R9, Ga, C9	93	64	98 93
TM-30-18 Rf, Rg, Rcs, h1	90	99	-6%
UGR (4H x 8H, 1.0H), MDER		20.3	0.867
120V: P(W), I(A), THD(%), PF	42.7	0.358	7.3 0.995
277V: P(W), I(A), THD(%), PF	42.7	0.161	9.6 0.960
347V: P(W), I(A), THD(%), PF	42.4	0.126	7.2 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	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	83	75	69	90	81	74	78	72	67	63	
	4	85	74	66	59	83	72	65	70	63	58	54	
	5	78	66	58	51	76	65	57	63	56	51	48	
	6	73	60	51	45	71	59	51	57	50	45	42	
	7	67	54	46	40	66	53	45	52	45	40	37	
	8	63	50	41	36	61	49	41	48	40	35	33	
	9	59	45	37	32	57	45	37	44	37	32	30	
	10	55	42	34	29	54	41	34	40	34	29	27	

\*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	1365	29.9%	29.9%
0-40	2374	51.9%	51.9%
0-60	3941	86.2%	86.2%
0-90	4570	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	4570	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5530	5530	5530
5	5516	5570	5621
15	5466	5817	6120
25	5369	6347	7142
35	5019	7140	8469
45	4200	6086	6987
55	3220	4267	4817
65	2571	3115	3565
75	1901	2450	2818
85	832	1736	1688

