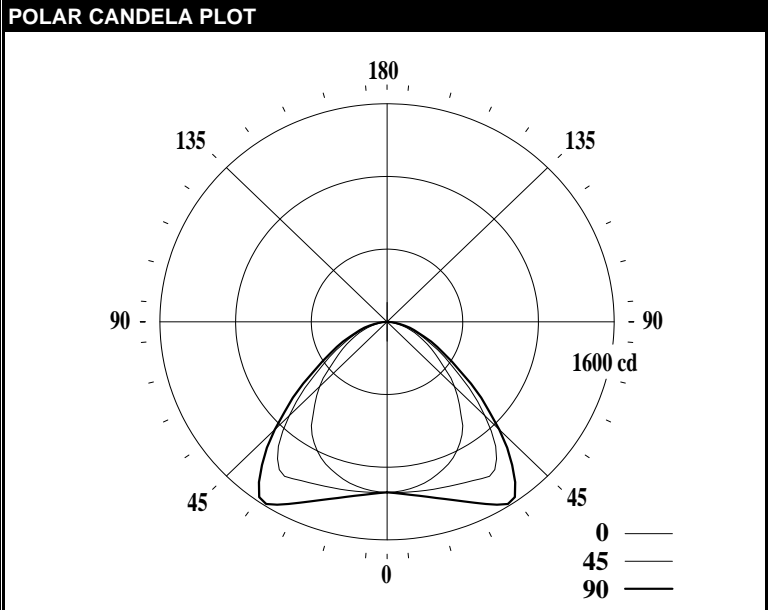


# LEDALITE - ARCFORM

<b>TEST DATE:</b>	20 Apr 2020	<b>CATALOG NO:</b>	3614DxxxL95035
<b>Lamp Type:</b>	LED	<b>Description:</b>	ARCFORM 1X4 3500LM 950
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3607 lm 100.0%
<b>Input Watts:</b>	120 VAC 33.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 107.0
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01101


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1252	1252	1252	1252	1252	
5	1244	1248	1256	1261	1267	120
15	1195	1222	1272	1311	1338	360
25	1101	1174	1302	1400	1465	598
35	931	1094	1324	1508	1570	796
45	672	797	974	1138	1118	734
55	418	478	554	649	625	503
65	246	263	298	340	341	302
75	111	125	144	174	165	155
85	16	32	34	46	33	40
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)	1251.8		0.0
Direct: Peak Candela & Angle (90deg)	1584.9		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		19.4	0.867
120V: P(W), I(A), THD(%), PF	33.7	0.282	7.3 0.996
277V: P(W), I(A), THD(%), PF	33.6	0.127	8.7 0.960
347V: P(W), I(A), THD(%), PF	34.4	0.102	7.1 0.967

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	1078	29.9%	29.9%
0-40	1873	51.9%	51.9%
0-60	3110	86.2%	86.2%
0-90	3607	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	3607	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4365	4365	4365
5	4353	4396	4436
15	4313	4590	4830
25	4237	5008	5636
35	3961	5634	6683
45	3314	4802	5514
55	2542	3367	3802
65	2029	2459	2813
75	1501	1934	2224
85	656	1368	1332

