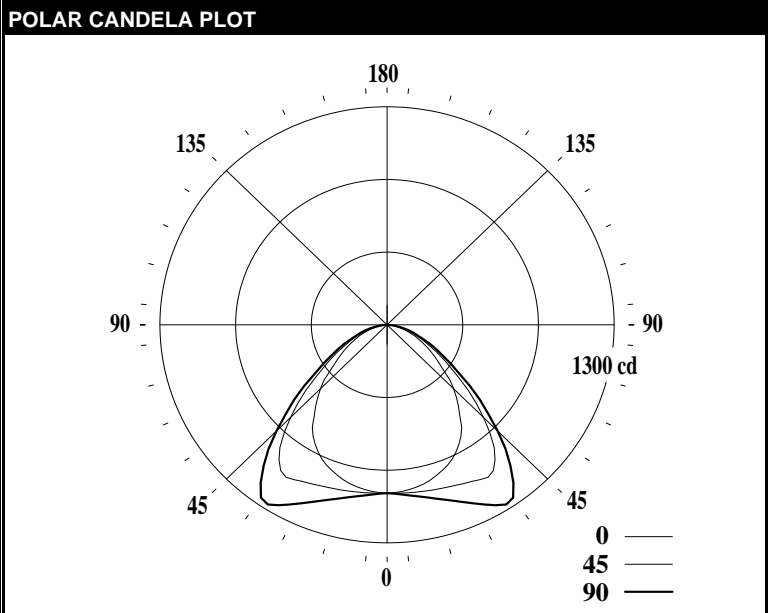


# LEDALITE - ARCFORM

<b>TEST DATE:</b>	20 Apr 2020	<b>CATALOG NO:</b>	3614DxxxL93530
<b>Lamp Type:</b>	LED	<b>Description:</b>	ARCFORM 1X4 3000LM 935
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2891 lm 100.0%
<b>Input Watts:</b>	277 VAC 28.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 100.7
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01094

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1003	1003	1003	1003	1003	
5	997	1001	1007	1011	1016	96
15	958	979	1019	1051	1072	288
25	883	941	1044	1122	1174	479
35	746	877	1061	1209	1258	638
45	539	639	781	912	896	588
55	335	383	444	520	501	403
65	197	211	239	273	273	242
75	89	100	115	140	132	124
85	13	26	28	37	27	32
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)	1003.3	0.0	
Direct: Peak Candela & Angle (90deg)	1270.3	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	0.4098	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		18.7	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	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	864	29.9%	29.9%
0-40	1501	51.9%	51.9%
0-60	2493	86.2%	86.2%
0-90	2891	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	2891	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3498	3498	3498
5	3489	3523	3555
15	3457	3679	3871
25	3396	4014	4517
35	3174	4516	5356
45	2656	3849	4419
55	2037	2698	3047
65	1626	1970	2255
75	1203	1551	1782
85	528	1100	1068

