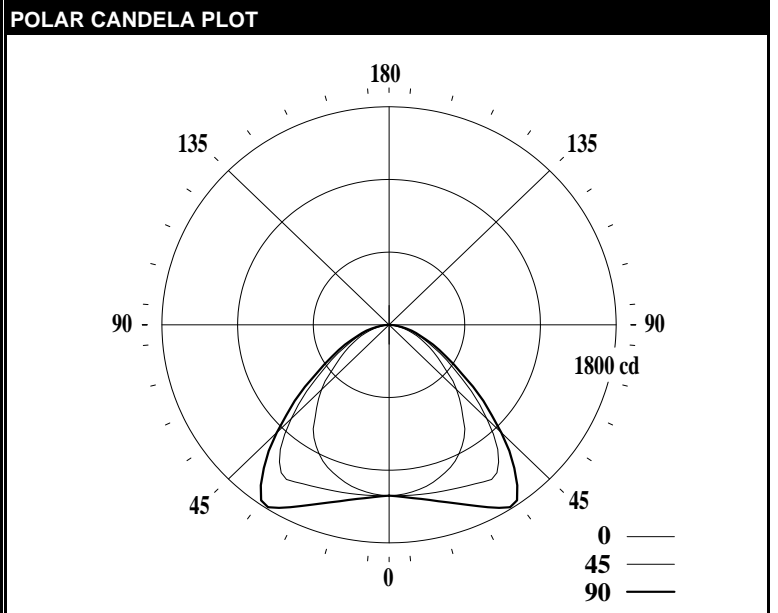


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3614DxxxL92745
Lamp Type:	LED	Description:	ARCFORM 1X4 4500LM 927
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4062 lm 100.0%
Input Watts:	120 VAC 42.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 95.1
CIE-IES Classification:	Direct	Report:	LNG01090

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1410	1410	1410	1410	1410	
5	1401	1406	1415	1420	1428	135
15	1346	1376	1432	1476	1507	405
25	1241	1322	1466	1577	1650	674
35	1048	1232	1491	1699	1769	896
45	757	898	1097	1282	1260	827
55	471	538	624	731	704	566
65	277	297	336	384	384	340
75	126	141	162	196	186	175
85	19	36	39	51	38	45
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)	1409.9		0.0
Direct: Peak Candela & Angle (90deg)	1785.2		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	0.4606	0.4108	2691 0.0000
CRI (Ra), R9, Ga, C9	94	56	98 93
TM-30-18 Rf, Rg, Rcs, h1	92	99	-6%
UGR (4H x 8H, 1.0H), MDER		19.9	0.480
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	1214	29.9%	29.9%
0-40	2110	51.9%	51.9%
0-60	3503	86.2%	86.2%
0-90	4062	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	4062	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4916	4916	4916
5	4903	4951	4996
15	4859	5170	5440
25	4772	5641	6348
35	4461	6346	7527
45	3733	5409	6211
55	2862	3793	4282
65	2285	2769	3169
75	1691	2178	2504
85	740	1544	1500

