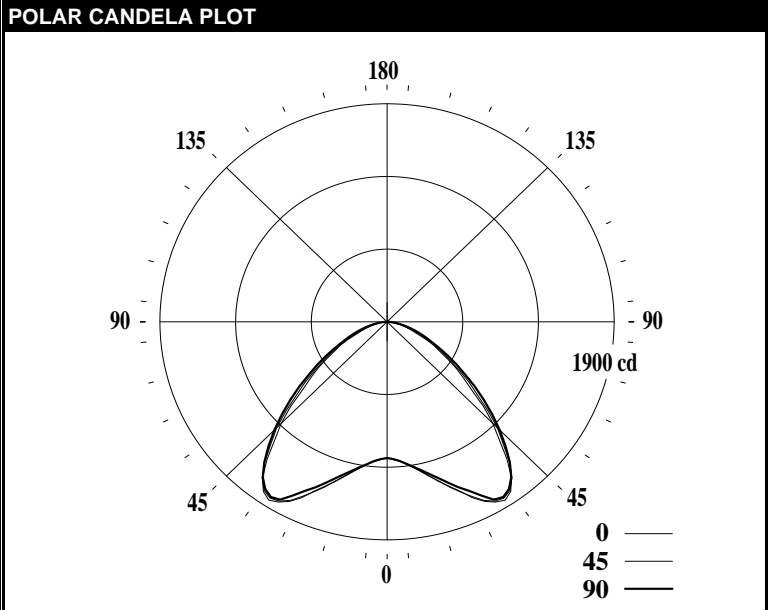


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3622DxxxL94045
Lamp Type:	LED	Description:	ARCFORM 2X2 4500LM 940
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4702 lm 100.0%
Input Watts:	120 VAC 42.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 110.1
CIE-IES Classification:	Direct	Report:	LNG01084

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1186	1186	1186	1186	1186	
5	1219	1210	1221	1211	1217	118
15	1399	1374	1395	1360	1373	396
25	1691	1661	1678	1629	1625	770
35	1804	1816	1792	1808	1778	1107
45	1253	1301	1305	1368	1333	1010
55	707	744	739	814	794	686
65	352	389	386	418	411	394
75	141	161	155	183	187	179
85	25	30	30	48	47	42
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)	1841.7		32.5
Direct: Peak Candela & Angle (90deg)	1809.7		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	0.3859	0.3844	3912 0.0020
CRI (Ra), R9, Ga, C9	93	62	98 93
TM-30-18 Rf, Rg, Rcs,h1	91	99	-5%
UGR (4H x 8H, 1.0H), MDER			19.5 0.700
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	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	1284	27.3%	27.3%
0-40	2391	50.8%	50.8%
0-60	4087	86.9%	86.9%
0-90	4703	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	4702	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3897	3897	3897
5	4020	4026	4013
15	4756	4744	4670
25	6129	6079	5889
35	7233	7186	7128
45	5821	6063	6190
55	4050	4233	4544
65	2732	2999	3194
75	1788	1968	2369
85	953	1134	1767

