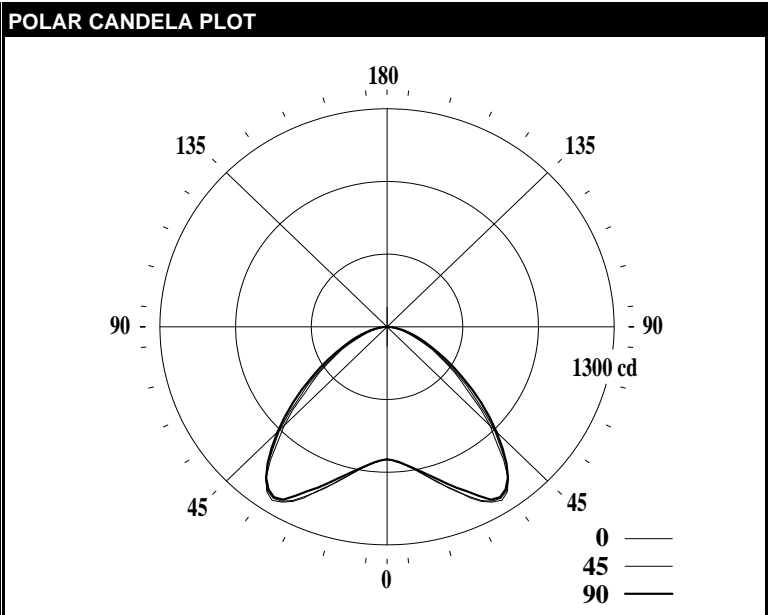


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3622DxxxL94030
Lamp Type:	LED	Description:	ARCFORM 2X2 3000LM 940
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3129 lm 100.0%
Input Watts:	277 VAC 28.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 109.0
CIE-IES Classification:	Direct	Report:	LNG01082

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	790	790	790	790	790	
5	812	805	813	806	810	79
15	931	914	928	905	914	264
25	1126	1105	1116	1084	1081	513
35	1201	1208	1193	1203	1183	736
45	834	866	869	910	887	672
55	471	495	492	541	528	457
65	234	259	257	278	274	263
75	94	107	103	122	124	119
85	17	20	20	32	31	28
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)	1225.6	32.5	
Direct: Peak Candela & Angle (90deg)	1204.3	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		18.1	0.700
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	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	855	27.3%	27.3%
0-40	1591	50.8%	50.8%
0-60	2720	86.9%	86.9%
0-90	3129	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	3129	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2593	2593	2593
5	2675	2679	2670
15	3165	3157	3108
25	4079	4045	3919
35	4813	4782	4744
45	3874	4035	4119
55	2695	2817	3023
65	1819	1996	2126
75	1190	1310	1577
85	633	757	1176

