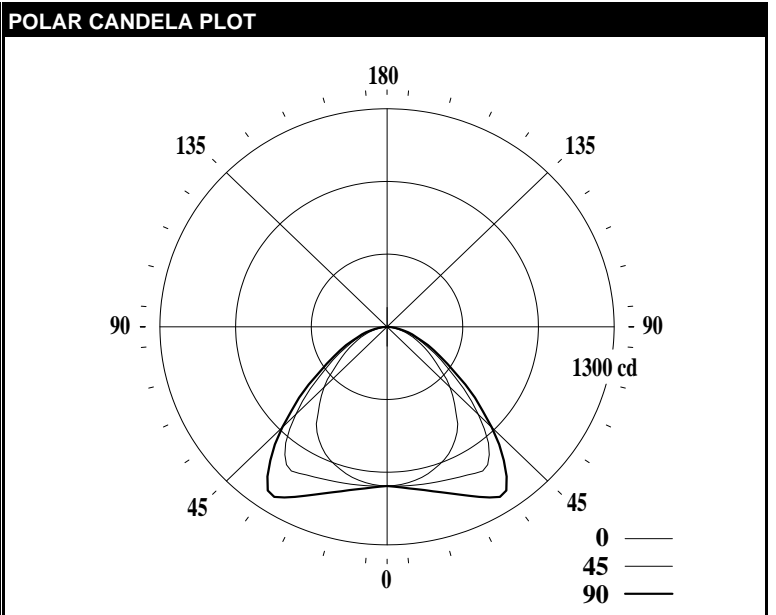


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3614DxxxL92730
Lamp Type:	LED	Description:	ARCFORM 1X4 3000LM 927
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2736 lm 100.0%
Input Watts:	277 VAC 28.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 95.3
CIE-IES Classification:	Direct	Report:	LNG01088

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	949	949	949	949	949	
5	943	947	953	956	961	91
15	906	927	965	994	1015	273
25	835	890	988	1062	1111	454
35	706	830	1004	1144	1191	604
45	510	605	739	863	848	557
55	317	362	420	492	474	381
65	187	200	226	258	259	229
75	85	95	109	132	125	118
85	13	24	26	35	25	31
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)	949.4	0.0	
Direct: Peak Candela & Angle (90deg)	1202.1	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		18.5	0.480
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	54	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	817	29.9%	29.9%
0-40	1421	51.9%	51.9%
0-60	2359	86.2%	86.2%
0-90	2736	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	2736	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3310	3310	3310
5	3301	3334	3364
15	3272	3481	3663
25	3213	3799	4275
35	3004	4273	5069
45	2514	3642	4182
55	1928	2554	2884
65	1539	1865	2133
75	1138	1467	1687
85	500	1040	1012

