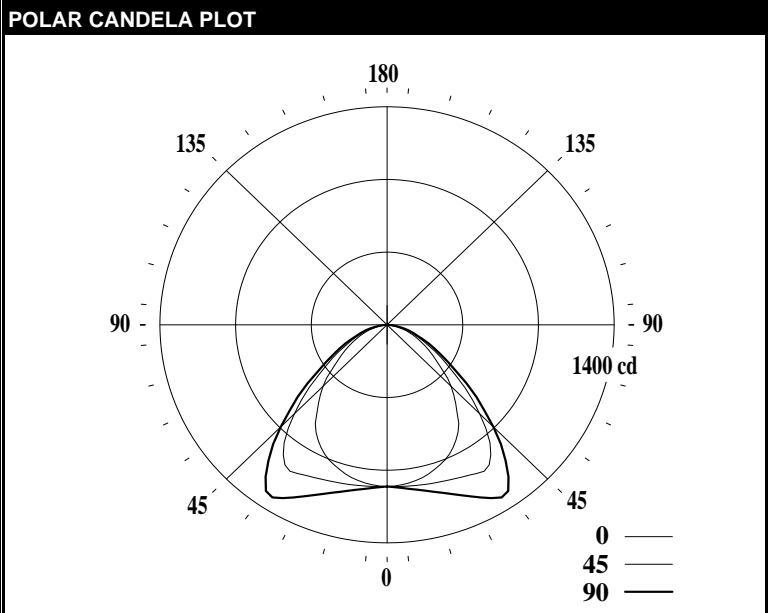


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3614DxxxL95030
Lamp Type:	LED	Description:	ARCFORM 1X4 3000LM 950
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2991 lm 100.0%
Input Watts:	277 VAC 28.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 104.2
CIE-IES Classification:	Direct	Report:	LNG01100

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1038	1038	1038	1038	1038	
5	1032	1035	1042	1046	1051	100
15	991	1013	1055	1087	1110	298
25	913	973	1080	1161	1215	496
35	772	907	1098	1251	1302	660
45	558	661	808	944	928	609
55	347	396	459	538	519	417
65	204	219	247	282	283	250
75	92	104	119	145	137	129
85	14	27	28	38	28	33
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)	1038.2	0.0	
Direct: Peak Candela & Angle (90deg)	1314.5	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	0.3459	0.3570	4989 0.0024
CRI (Ra), R9, Ga, C9	93	64	98 93
TM-30-18 Rf, Rg, Rcs, h1	90	99	-6%
UGR (4H x 8H, 1.0H), MDER		18.8	0.867
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	894	29.9%	29.9%
0-40	1554	51.9%	51.9%
0-60	2579	86.2%	86.2%
0-90	2991	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	2991	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3620	3620	3620
5	3610	3646	3679
15	3578	3807	4006
25	3514	4154	4675
35	3285	4673	5543
45	2749	3983	4573
55	2108	2793	3153
65	1683	2039	2333
75	1245	1604	1844
85	544	1136	1104

