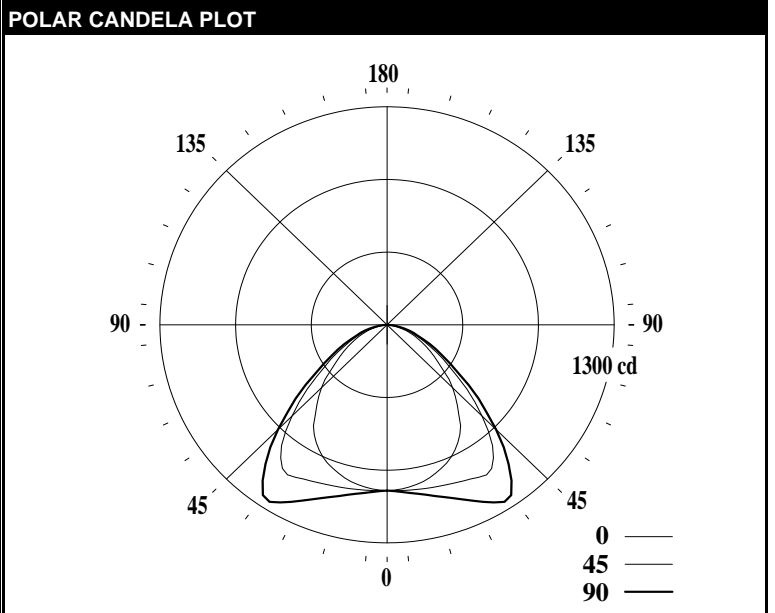


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3614DxxxL93030
Lamp Type:	LED	Description:	ARCFORM 1X4 3000LM 930
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2847 lm 100.0%
Input Watts:	277 VAC 28.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 99.2
CIE-IES Classification:	Direct	Report:	LNG01091

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	988	988	988	988	988	
5	982	985	991	995	1000	95
15	943	964	1004	1035	1056	284
25	869	926	1028	1105	1157	472
35	735	864	1045	1191	1239	628
45	531	629	769	898	883	579
55	330	377	437	512	494	397
65	194	208	235	269	269	238
75	88	99	113	138	130	122
85	13	25	27	36	26	32
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)	988.1	0.0	
Direct: Peak Candela & Angle (90deg)	1251.1	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	0.4357	0.4033	3015 -0.0001
CRI (Ra), R9, Ga, C9	94	57	99 93
TM-30-18 Rf, Rg, Rcs, h1	92	100	-5%
UGR (4H x 8H, 1.0H), MDER		18.6	0.545
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	851	29.9%	29.9%
0-40	1479	51.9%	51.9%
0-60	2455	86.2%	86.2%
0-90	2847	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	2847	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3445	3445	3445
5	3436	3469	3501
15	3405	3623	3812
25	3344	3954	4449
35	3126	4447	5275
45	2616	3791	4353
55	2006	2658	3001
65	1601	1940	2221
75	1184	1526	1755
85	520	1080	1052

