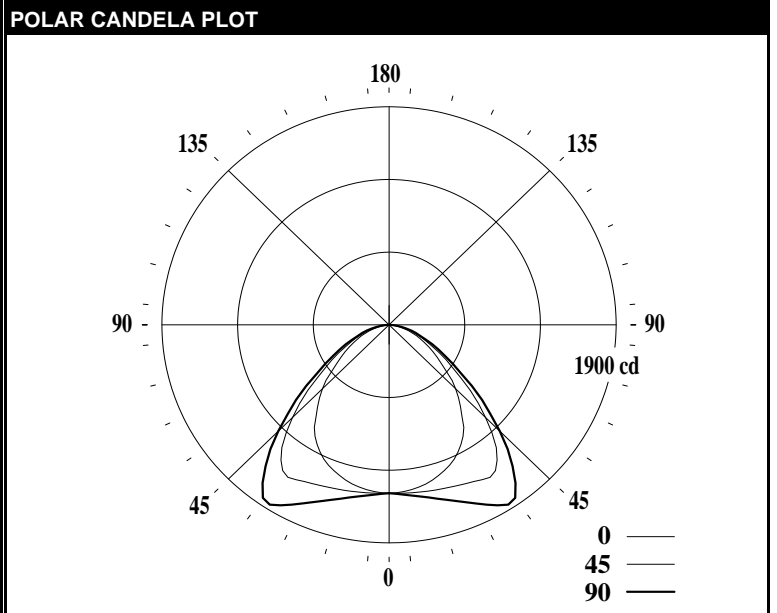


LEDALITE - ARCFORM

TEST DATE:	20 Apr 2020	CATALOG NO:	3614DxxxL93045
Lamp Type:	LED	Description:	ARCFORM 1X4 4500LM 930
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4228 lm 100.0%
Input Watts:	120 VAC 42.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 99.0
CIE-IES Classification:	Direct	Report:	LNG01093

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1467	1467	1467	1467	1467	
5	1458	1463	1472	1478	1486	141
15	1401	1432	1491	1537	1569	422
25	1291	1376	1526	1641	1717	701
35	1091	1283	1552	1768	1841	933
45	788	935	1142	1334	1311	861
55	490	560	649	761	733	589
65	288	309	349	399	400	354
75	131	147	168	204	194	182
85	19	38	40	53	39	47
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)	1467.4	0.0	
Direct: Peak Candela & Angle (90deg)	1858.0	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		20.0	0.545
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	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	1263	29.9%	29.9%
0-40	2196	51.9%	51.9%
0-60	3646	86.2%	86.2%
0-90	4228	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	4228	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5116	5116	5116
5	5103	5153	5200
15	5057	5381	5662
25	4967	5871	6607
35	4643	6605	7834
45	3885	5629	6464
55	2979	3947	4456
65	2378	2882	3298
75	1759	2267	2607
85	772	1604	1560

