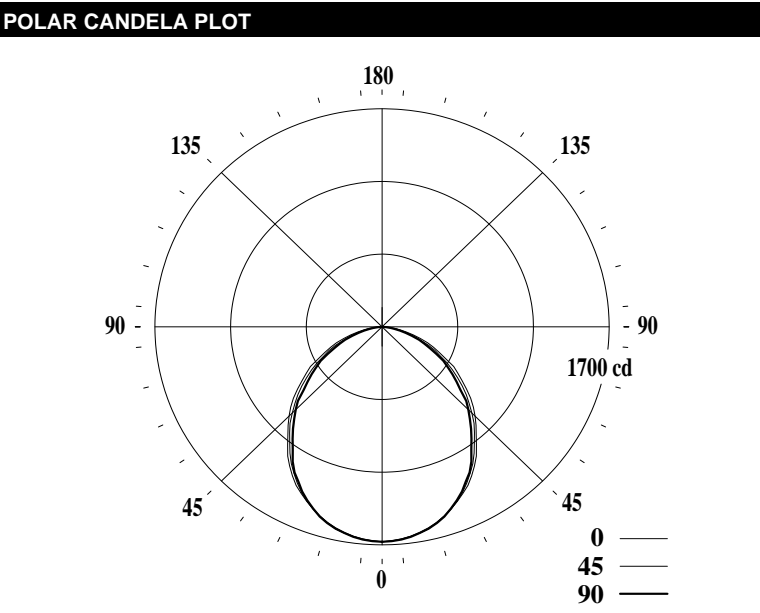


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4214x1STL83540AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 1X4 4000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4120 lm 100.0%
Input Watts:	120 VAC 36.4	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 113.2
CIE-IES Classification:	Direct	Report:	LNG00481

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1676	1676	1676	1676	1676	
5	1660	1667	1662	1666	1665	158
15	1579	1594	1582	1590	1584	447
25	1433	1451	1424	1434	1416	659
35	1231	1252	1202	1199	1166	758
45	985	1002	951	936	914	740
55	731	740	689	675	643	625
65	473	484	440	435	396	443
75	241	243	208	207	183	232
85	59	61	43	45	33	57
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)	1675.6		0.0
Direct: Peak Candela & Angle (90deg)	1675.6		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.17	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)	3.90	0.91	0.00
UGR (4H x 8H, 0.25H)			20.8
Ballast Factor, Multiplication Factor	1.000		1.000
DLC (120/277), DLC (347)	standard		standard
x, y, CCT, Duv	0.4061	0.3934	3505 0.0010
CRI (Ra), R9			82 9
120V: P(W), I(A), THD(%), PF	36.4	0.304	6.6 0.997
277V: P(W), I(A), THD(%), PF	36.3	0.136	8.6 0.966
347V: P(W), I(A), THD(%), PF	37.1	0.110	6.6 0.971

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	109	105	101	97	107	103	99	98	95	93	85	
	2	100	92	86	80	97	90	84	87	82	77	72	
	3	91	81	73	67	89	80	72	77	71	65	61	
	4	84	72	64	57	82	71	63	69	62	56	53	
	5	77	65	56	50	75	64	56	62	55	49	46	
	6	72	59	50	44	70	58	50	56	49	43	40	
	7	67	53	45	39	65	53	44	51	44	38	36	
	8	62	49	41	35	61	48	40	47	40	34	32	
	9	58	45	37	31	57	44	37	43	36	31	29	
	10	54	42	34	29	53	41	34	40	33	28	26	

*Based on a floor reflectance of 0.2



Ledalite
 19750 - 92A Avenue
 Langley, BC
 CANADA V1M 3B2
 Phone: 604-888-6811
 Fax: 800-665-5332
 604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1264	30.7%	30.7%
0-40	2022	49.1%	49.1%
0-60	3387	82.2%	82.2%
0-90	4120	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	4120	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5080	5080	5080
5	5052	5059	5066
15	4955	4964	4972
25	4793	4762	4738
35	4556	4450	4314
45	4221	4076	3919
55	3864	3644	3397
65	3391	3153	2838
75	2822	2435	2146
85	2045	1482	1138

