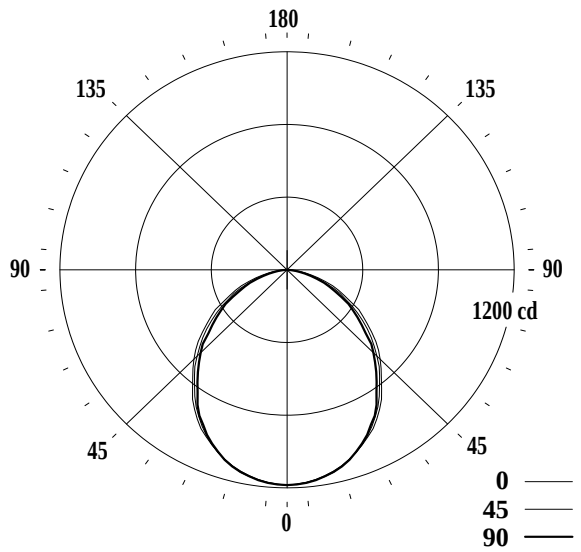
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL82730AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 3000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2913 lm 100.0%
Input Watts:	120 VAC 26.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.1
CIE-IES Classification:	Direct	**Report:**	LNG00467

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1185	1185	1185	1185	1185	
5	1174	1179	1175	1178	1177	112
15	1116	1127	1118	1124	1120	316
25	1013	1026	1007	1014	1001	466
35	870	885	850	848	824	536
45	696	709	672	662	646	523
55	517	523	487	477	454	442
65	334	342	311	308	280	313
75	170	172	147	146	130	164
85	42	43	30	32	23	41
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1184.6	0.0
Direct: Peak Candela & Angle (90deg)			1184.6	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)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4542	0.4073	2755	0.0007
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	26.7	0.224	9.6	0.992
277V: P(W), I(A), THD(%), PF	26.6	0.102	9.6	0.937
347V: P(W), I(A), THD(%), PF	27.2	0.082	8.5	0.950

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	894	30.7%	30.7%
0-40	1429	49.1%	49.1%
0-60	2395	82.2%	82.2%
0-90	2913	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	2913	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3592	3592	3592
5	3572	3577	3582
15	3503	3510	3515
25	3388	3367	3350
35	3221	3146	3050
45	2984	2882	2770
55	2732	2576	2402
65	2398	2229	2007
75	1995	1722	1517
85	1447	1047	804

LUMINAIRE SECTION

LEDALITE

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