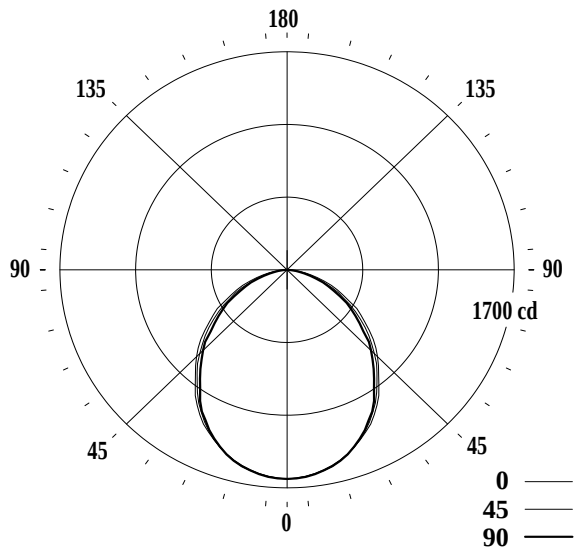
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL83040AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 4000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4009 lm 100.0%
Input Watts:	120 VAC 36.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.1
CIE-IES Classification:	Direct	**Report:**	LNG00475

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1631	1631	1631	1631	1631	
5	1615	1622	1617	1621	1620	154
15	1536	1551	1539	1547	1542	435
25	1394	1412	1385	1395	1378	642
35	1198	1218	1170	1166	1134	737
45	958	975	925	911	889	720
55	711	720	671	657	625	608
65	460	471	428	423	385	431
75	234	236	202	201	178	226
85	57	59	42	43	32	56
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)			1630.5	0.0
Direct: Peak Candela & Angle (90deg)			1630.5	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	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
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
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	1230	30.7%	30.7%
0-40	1967	49.1%	49.1%
0-60	3296	82.2%	82.2%
0-90	4009	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	4009	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4943	4943	4943
5	4916	4922	4930
15	4821	4831	4838
25	4664	4634	4610
35	4433	4330	4198
45	4107	3967	3813
55	3760	3546	3306
65	3300	3068	2762
75	2746	2370	2089
85	1990	1444	1106

LUMINAIRE SECTION

LEDALITE

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