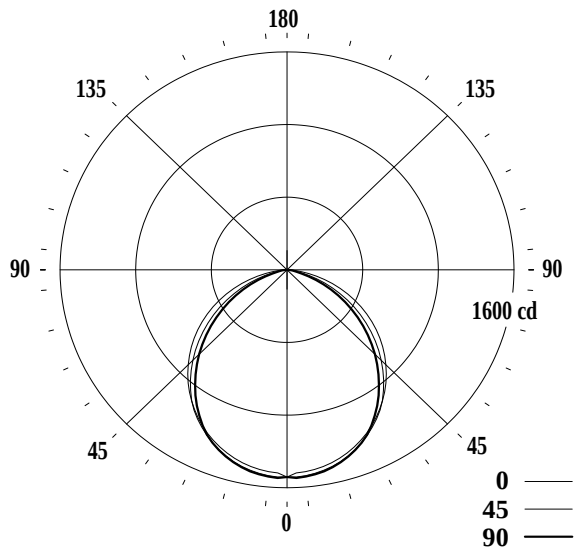
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LBDMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3872 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 92.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38546Color S38548-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1521	1521	1521	1521	1521	
5	1487	1506	1517	1527	1523	144
15	1432	1447	1457	1465	1462	410
25	1325	1336	1339	1340	1336	615
35	1174	1181	1172	1138	1126	725
45	985	986	939	892	876	722
55	768	752	680	624	608	613
65	526	490	412	357	341	419
75	273	227	160	117	106	189
85	57	25	24	24	23	36
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)			1521.2	0.0
Direct: Peak Candela & Angle (90deg)			1529.6	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.23	1.21	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)		4.0000	0.2500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	2.779
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	41.8	0.350	5.8	0.997
277V: P(W), I(A), THD(%), PF	41.2	0.153	10.5	0.974
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	110	105	101	98	107	103	99	99	96	93	86
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	71	63	69	62	57	53
5	78	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	41
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	40	35	60	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1169	30.2%	30.2%
0-40	1894	48.9%	48.9%
0-60	3229	83.4%	83.4%
0-90	3872	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	3872	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16368	16368	16368
5	16065	16383	16455
15	15949	16231	16286
25	15734	15896	15860
35	15415	15394	14784
45	14991	14293	13333
55	14415	12762	11412
65	13387	10486	8682
75	11357	6643	4425
85	7033	2951	2882

LUMINAIRE SECTION

LEDALITE

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