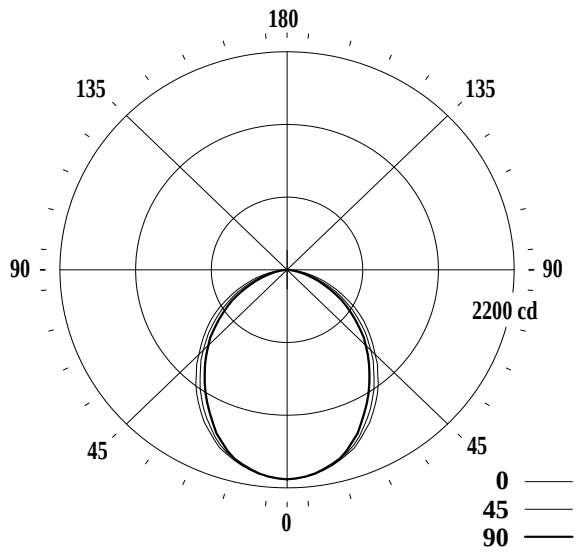
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL83550AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 5000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4999 lm 100.0%
Input Watts:	120 VAC 47.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.1
CIE-IES Classification:	Direct	**Report:**	LNG00360

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2114	2114	2114	2114	2114	
5	2095	2099	2092	2096	2092	199
15	1987	1998	1976	1982	1972	558
25	1790	1808	1753	1741	1702	812
35	1527	1549	1468	1440	1391	924
45	1207	1228	1149	1101	1079	895
55	911	910	828	809	756	755
65	591	589	524	492	450	527
75	304	305	242	208	191	268
85	69	69	40	42	33	62
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)			2113.5	0.0
Direct: Peak Candela & Angle (90deg)			2113.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.11	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)				21.5
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	47.1	0.393	6.2	0.997
277V: P(W), I(A), THD(%), PF	46.9	0.173	9.7	0.976
347V: P(W), I(A), THD(%), PF	46.7	0.138	6.4	0.978

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	97	107	103	99	99	96	93	85
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	72	64	69	62	57	53
5	78	65	57	50	76	64	56	62	55	50	46
6	72	59	50	44	70	58	50	56	49	44	41
7	67	54	45	39	65	53	45	51	44	39	36
8	62	49	41	35	61	49	41	47	40	35	33
9	58	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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1569	31.4%	31.4%
0-40	2493	49.9%	49.9%
0-60	4143	82.9%	82.9%
0-90	4999	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	4999	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6408	6408	6408
5	6377	6367	6367
15	6236	6202	6189
25	5986	5864	5694
35	5650	5434	5148
45	5176	4926	4626
55	4818	4376	3998
65	4238	3758	3230
75	3561	2836	2242
85	2414	1398	1138

LUMINAIRE SECTION

LEDALITE

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