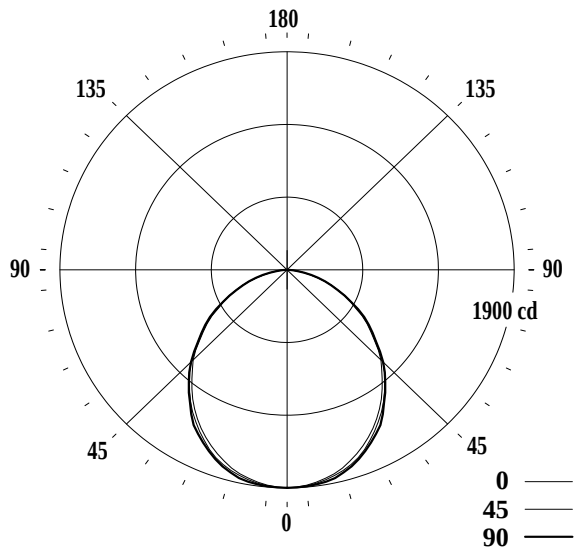
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL93550AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 5000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4860 lm 100.0%
Input Watts:	120 VAC 54.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 90.0
CIE-IES Classification:	Direct	**Report:**	LNG00342

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1899	1899	1899	1899	1899	
5	1883	1889	1889	1896	1893	180
15	1789	1805	1810	1840	1828	512
25	1610	1653	1640	1680	1661	761
35	1375	1428	1407	1434	1415	886
45	1112	1149	1135	1160	1136	877
55	816	841	827	853	835	747
65	531	544	534	556	532	537
75	258	276	266	282	270	290
85	54	65	55	61	51	72
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)			1899.4	0.0
Direct: Peak Candela & Angle (90deg)			1899.4	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.22	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)		1.90	1.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4064	0.3901	3471	0.0005
CRI (Ra), R9			92	77
120V: P(W), I(A), THD(%), PF	54.0	0.450	5.7	0.998
277V: P(W), I(A), THD(%), PF	53.6	0.201	8.1	0.963
347V: P(W), I(A), THD(%), PF	53.1	0.156	5.5	0.980

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	102	99	98	95	92	85
2	100	92	85	80	97	90	84	86	81	77	71
3	91	81	73	67	89	79	72	76	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	43	40
7	66	53	44	38	64	52	44	51	43	38	35
8	62	48	40	34	60	48	40	46	39	34	32
9	58	44	36	31	56	44	36	43	36	31	29
10	54	41	33	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	1453	29.9%	29.9%
0-40	2338	48.1%	48.1%
0-60	3963	81.5%	81.5%
0-90	4861	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	4860	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5632	5632	5632
5	5605	5622	5635
15	5491	5557	5611
25	5266	5366	5435
35	4978	5092	5122
45	4661	4759	4764
55	4217	4273	4316
65	3723	3746	3734
75	2960	3043	3093
85	1834	1868	1725

LUMINAIRE SECTION

LEDALITE

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