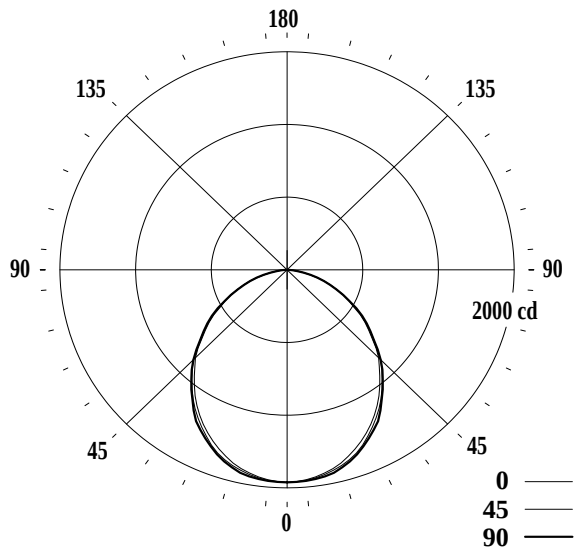
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL85050AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 5000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4988 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 121.1
CIE-IES Classification:	Direct	**Report:**	LNG00336

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1949	1949	1949	1949	1949	
5	1932	1938	1938	1945	1943	184
15	1836	1853	1858	1889	1876	525
25	1652	1696	1683	1724	1705	781
35	1412	1465	1444	1471	1452	909
45	1141	1179	1165	1191	1166	900
55	837	863	848	875	857	767
65	545	559	548	571	546	551
75	265	283	273	289	277	297
85	55	67	56	63	52	74
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)			1949.2	0.0
Direct: Peak Candela & Angle (90deg)			1949.2	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)			standard	standard
x, y, CCT ,Duv	0.3425	0.3523	5101	0.0014
CRI (Ra), R9			82	13
120V: P(W), I(A), THD(%), PF	41.2	0.345	7.3	0.996
277V: P(W), I(A), THD(%), PF	41.1	0.152	10.7	0.976
347V: P(W), I(A), THD(%), PF	41.2	0.122	7.3	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	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	1491	29.9%	29.9%
0-40	2400	48.1%	48.1%
0-60	4066	81.5%	81.5%
0-90	4988	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	4988	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5779	5779	5779
5	5751	5769	5782
15	5635	5703	5757
25	5404	5506	5577
35	5109	5226	5256
45	4783	4884	4888
55	4327	4385	4429
65	3821	3843	3831
75	3038	3122	3173
85	1881	1919	1772

LUMINAIRE SECTION

LEDALITE

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