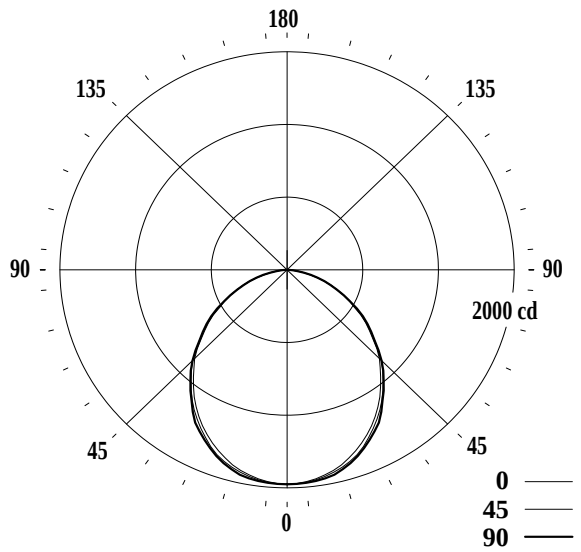
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL84050AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 5000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5034 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 122.2
CIE-IES Classification:	Direct	**Report:**	LNG00330

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1967	1967	1967	1967	1967	
5	1950	1957	1956	1963	1961	186
15	1853	1870	1875	1906	1893	530
25	1667	1712	1699	1740	1721	788
35	1425	1479	1457	1485	1466	917
45	1151	1190	1176	1202	1177	909
55	845	871	856	883	865	774
65	550	564	553	576	551	556
75	268	286	275	292	280	300
85	56	68	57	63	53	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)			1967.3	0.0
Direct: Peak Candela & Angle (90deg)			1967.3	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	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
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	1505	29.9%	29.9%
0-40	2422	48.1%	48.1%
0-60	4104	81.5%	81.5%
0-90	5034	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	5034	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5833	5833	5833
5	5805	5822	5836
15	5687	5755	5811
25	5454	5558	5629
35	5156	5274	5305
45	4827	4929	4934
55	4368	4426	4470
65	3857	3879	3867
75	3067	3152	3203
85	1898	1936	1786

LUMINAIRE SECTION

LEDALITE

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