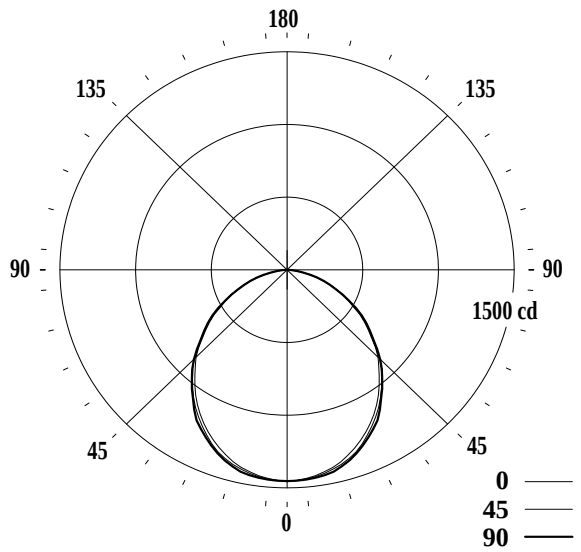
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL82740AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3719 lm 100.0%
Input Watts:	120 VAC 32.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 114.4
CIE-IES Classification:	Direct	**Report:**	LNG00310

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1453	1453	1453	1453	1453	
5	1441	1445	1445	1450	1449	137
15	1369	1381	1385	1408	1399	392
25	1232	1265	1255	1286	1271	582
35	1052	1092	1076	1097	1083	678
45	851	879	868	888	869	671
55	624	644	633	653	639	572
65	406	417	409	426	407	411
75	198	211	203	216	207	222
85	41	50	42	47	39	55
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)			1453.3	0.0
Direct: Peak Candela & Angle (90deg)			1453.3	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	0.4559	0.4075	2732	0.0008
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	32.5	0.273	7.6	0.995
277V: P(W), I(A), THD(%), PF	32.5	0.123	8.8	0.956
347V: P(W), I(A), THD(%), PF	33.2	0.099	7.3	0.965

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	1112	29.9%	29.9%
0-40	1789	48.1%	48.1%
0-60	3032	81.5%	81.5%
0-90	3719	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	3719	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4309	4309	4309
5	4288	4301	4311
15	4201	4252	4293
25	4029	4105	4158
35	3809	3896	3919
45	3566	3641	3645
55	3227	3270	3302
65	2849	2866	2857
75	2265	2328	2367
85	1402	1429	1320

LUMINAIRE SECTION

LEDALITE

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