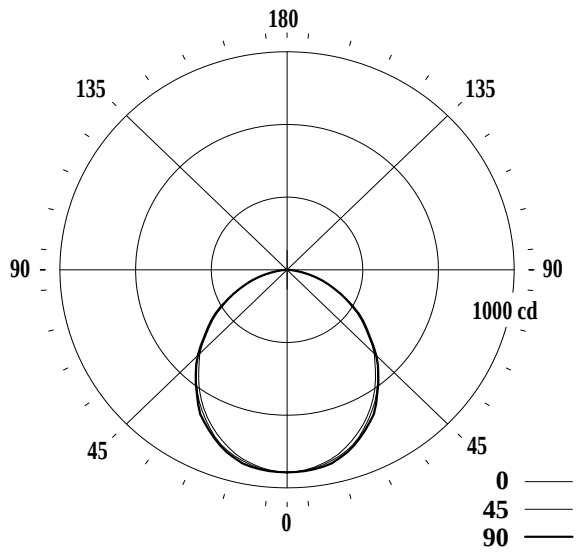
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83025AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2377 lm 100.0%
Input Watts:	120 VAC 19.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 123.8
CIE-IES Classification:	Direct	**Report:**	LNG00313

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	929	929	929	929	929	
5	921	924	924	927	926	88
15	875	883	885	900	894	250
25	787	808	802	822	813	372
35	673	698	688	701	692	433
45	544	562	555	568	556	429
55	399	411	404	417	408	365
65	260	266	261	272	260	262
75	126	135	130	138	132	142
85	26	32	27	30	25	35
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			929.0	0.0
Direct: Peak Candela & Angle (90deg)			929.0	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)			premium	standard
x, y, CCT ,Duv	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.4	0.994
277V: P(W), I(A), THD(%), PF	19.2	0.072	12.2	0.956
347V: P(W), I(A), THD(%), PF	19.9	0.059	10.3	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	711	29.9%	29.9%
0-40	1144	48.1%	48.1%
0-60	1938	81.5%	81.5%
0-90	2377	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	2377	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2754	2754	2754
5	2741	2749	2756
15	2685	2718	2744
25	2575	2624	2658
35	2435	2491	2505
45	2279	2328	2330
55	2063	2090	2111
65	1821	1832	1826
75	1448	1488	1512
85	895	915	844

LUMINAIRE SECTION

LEDALITE

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