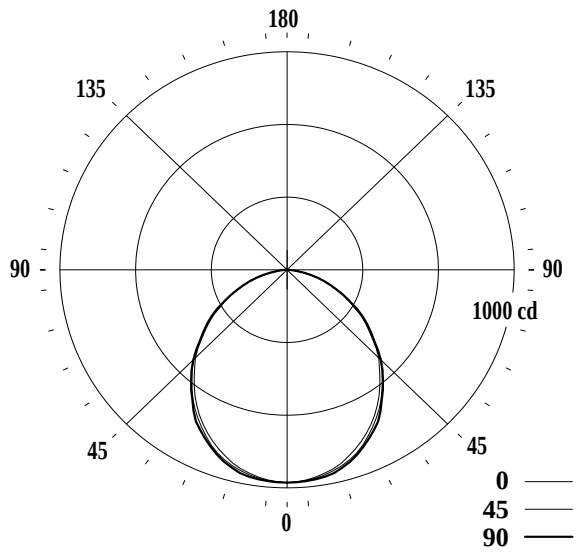
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL84025AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 2500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2497 lm 100.0%
Input Watts:	120 VAC 19.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.1
CIE-IES Classification:	Direct	**Report:**	LNG00325

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	976	976	976	976	976	
5	968	971	970	974	973	92
15	919	928	930	946	939	263
25	827	849	843	863	854	391
35	707	734	723	737	727	455
45	571	590	583	596	584	451
55	419	432	425	438	429	384
65	273	280	274	286	273	276
75	133	142	136	145	139	149
85	28	34	28	31	26	37
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)			975.9	0.0
Direct: Peak Candela & Angle (90deg)			975.9	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	premium
x, y, CCT ,Duv	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.3	0.994
277V: P(W), I(A), THD(%), PF	19.2	0.073	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	746	29.9%	29.9%
0-40	1201	48.1%	48.1%
0-60	2036	81.5%	81.5%
0-90	2497	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	2497	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2894	2894	2894
5	2880	2888	2895
15	2821	2855	2882
25	2705	2757	2792
35	2558	2616	2631
45	2395	2445	2448
55	2166	2195	2217
65	1913	1924	1918
75	1521	1563	1589
85	942	959	888

LUMINAIRE SECTION

LEDALITE

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