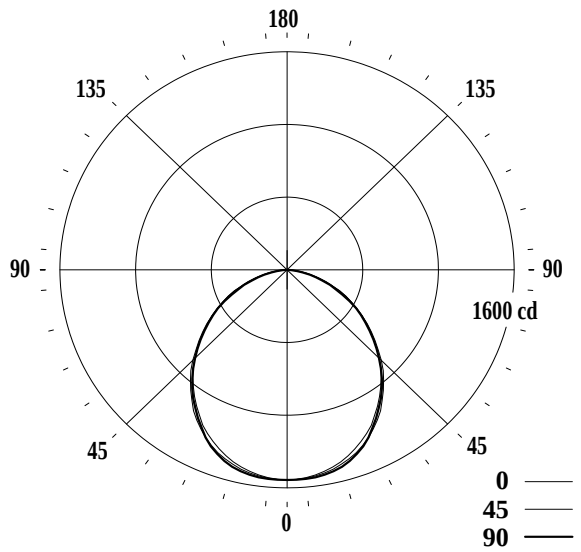
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL85040AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 4000LM 850
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4026 lm 100.0%
Input Watts:	120 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 136.5
CIE-IES Classification:	Direct	**Report:**	LNG00414

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1542	1542	1542	1542	1542	
5	1530	1534	1535	1539	1540	146
15	1460	1472	1477	1501	1496	418
25	1326	1352	1358	1372	1357	624
35	1136	1185	1168	1179	1153	731
45	917	954	939	947	917	725
55	682	718	690	711	674	623
65	458	481	456	455	429	453
75	235	248	222	230	212	246
85	55	59	43	50	34	61
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)			1542.0	0.0
Direct: Peak Candela & Angle (90deg)			1542.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.19	1.21	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)		3.90	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	0.3408	0.3499	5165	0.0009
CRI (Ra), R9			82	13
120V: P(W), I(A), THD(%), PF	29.5	0.247	8.6	0.994
277V: P(W), I(A), THD(%), PF	29.4	0.110	9.9	0.969
347V: P(W), I(A), THD(%), PF	30.1	0.090	7.9	0.958

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	100	97	106	102	99	98	95	92	85
2	100	92	85	79	97	90	84	86	81	77	71
3	91	81	73	66	89	79	72	76	70	65	60
4	83	72	63	57	81	70	62	68	61	55	52
5	77	64	55	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	53	44	38	64	52	44	50	43	38	35
8	61	48	40	34	60	47	39	46	39	34	31
9	57	44	36	31	56	44	36	42	35	30	28
10	54	41	33	28	53	40	33	39	32	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1188	29.5%	29.5%
0-40	1919	47.7%	47.7%
0-60	3267	81.1%	81.1%
0-90	4026	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	4026	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2227	2227	2227
5	2219	2225	2232
15	2183	2208	2237
25	2113	2165	2163
35	2003	2060	2033
45	1874	1918	1873
55	1717	1738	1697
65	1565	1559	1467
75	1310	1238	1182
85	917	718	555

LUMINAIRE SECTION

LEDALITE

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