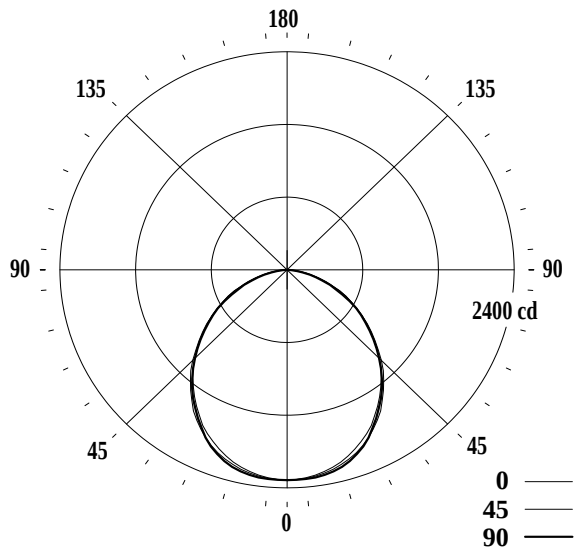
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL85060AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6000LM 850
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6044 lm 100.0%
Input Watts:	120 VAC 45.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 133.1
CIE-IES Classification:	Direct	**Report:**	LNG00418

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2315	2315	2315	2315	2315	
5	2297	2302	2304	2310	2311	219
15	2191	2209	2216	2252	2245	627
25	1990	2030	2039	2059	2038	937
35	1705	1778	1753	1769	1731	1097
45	1377	1431	1410	1421	1376	1088
55	1023	1078	1036	1067	1011	936
65	688	722	685	684	644	680
75	353	373	333	345	318	369
85	83	89	65	75	50	92
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)			2314.6	0.0
Direct: Peak Candela & Angle (90deg)			2314.6	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	45.4	0.380	6.9	0.996
277V: P(W), I(A), THD(%), PF	45.2	0.171	9.3	0.953
347V: P(W), I(A), THD(%), PF	44.9	0.132	6.7	0.976

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	1783	29.5%	29.5%
0-40	2880	47.7%	47.7%
0-60	4904	81.1%	81.1%
0-90	6044	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	6044	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3343	3343	3343
5	3331	3340	3351
15	3277	3315	3358
25	3172	3249	3248
35	3007	3092	3052
45	2813	2880	2812
55	2577	2609	2547
65	2350	2340	2202
75	1967	1858	1775
85	1374	1077	832

LUMINAIRE SECTION

LEDALITE

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