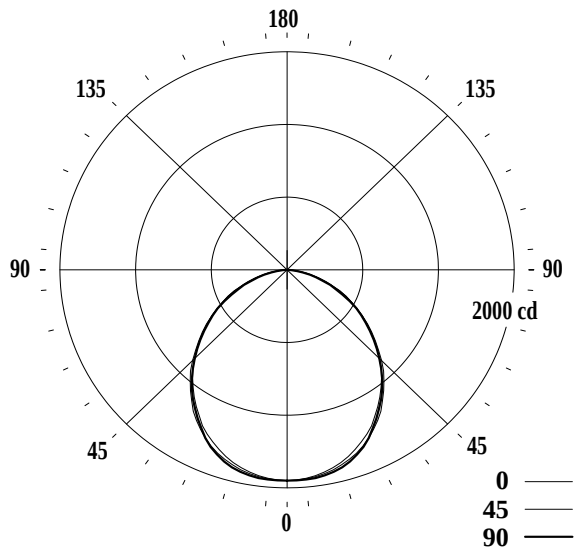
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL85050AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5000LM 850
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5049 lm 100.0%
Input Watts:	120 VAC 37.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 135.7
CIE-IES Classification:	Direct	**Report:**	LNG00416

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1934	1934	1934	1934	1934	
5	1919	1923	1925	1930	1931	183
15	1831	1846	1852	1882	1876	524
25	1663	1696	1703	1721	1702	783
35	1425	1486	1465	1478	1446	917
45	1150	1196	1178	1187	1150	909
55	855	901	866	892	845	782
65	574	603	572	571	538	568
75	295	311	278	289	266	308
85	69	74	54	63	42	77
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)			1933.8	0.0
Direct: Peak Candela & Angle (90deg)			1933.8	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	37.2	0.311	6.3	0.997
277V: P(W), I(A), THD(%), PF	37.2	0.139	8.6	0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5	0.972

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	1490	29.5%	29.5%
0-40	2407	47.7%	47.7%
0-60	4097	81.1%	81.1%
0-90	5049	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	5049	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2793	2793	2793
5	2783	2791	2800
15	2738	2769	2805
25	2650	2715	2713
35	2512	2583	2550
45	2350	2406	2349
55	2153	2180	2128
65	1963	1955	1840
75	1644	1552	1483
85	1149	900	696

LUMINAIRE SECTION

LEDALITE

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