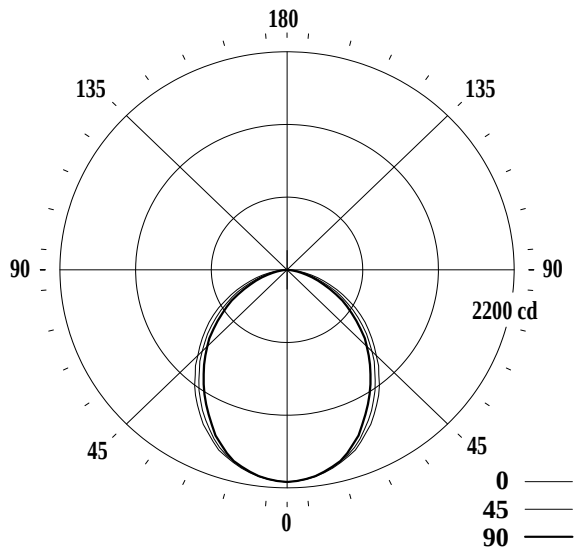
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL85050AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 5000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5063 lm 100.0%
Input Watts:	120 VAC 47.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 107.5
CIE-IES Classification:	Direct	**Report:**	LNG00372

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2141	2141	2141	2141	2141	
5	2122	2126	2119	2123	2119	201
15	2012	2024	2001	2008	1997	566
25	1812	1831	1775	1763	1724	822
35	1546	1569	1487	1458	1409	936
45	1223	1243	1164	1115	1093	907
55	923	922	839	820	766	764
65	598	597	531	499	456	533
75	308	309	245	211	194	271
85	70	70	41	43	33	63
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)			2140.5	0.0
Direct: Peak Candela & Angle (90deg)			2140.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.11	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	0.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.3425	0.3523	5101	0.0014
CRI (Ra), R9			82	13
120V: P(W), I(A), THD(%), PF	47.1	0.393	6.2	0.997
277V: P(W), I(A), THD(%), PF	46.9	0.173	9.7	0.976
347V: P(W), I(A), THD(%), PF	46.7	0.138	6.4	0.978

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	110	105	101	97	107	103	99	99	96	93	85
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	72	64	69	62	57	53
5	78	65	57	50	76	64	56	62	55	50	46
6	72	59	50	44	70	58	50	56	49	44	41
7	67	54	45	39	65	53	45	51	44	39	36
8	62	49	41	35	61	49	41	47	40	35	33
9	58	45	37	32	57	45	37	44	37	32	30
10	55	42	34	29	54	41	34	40	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1589	31.4%	31.4%
0-40	2525	49.9%	49.9%
0-60	4196	82.9%	82.9%
0-90	5063	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	5063	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6490	6490	6490
5	6458	6448	6448
15	6316	6282	6268
25	6063	5939	5767
35	5723	5504	5214
45	5243	4989	4685
55	4879	4432	4049
65	4292	3806	3271
75	3606	2872	2270
85	2445	1416	1151

LUMINAIRE SECTION

LEDALITE

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