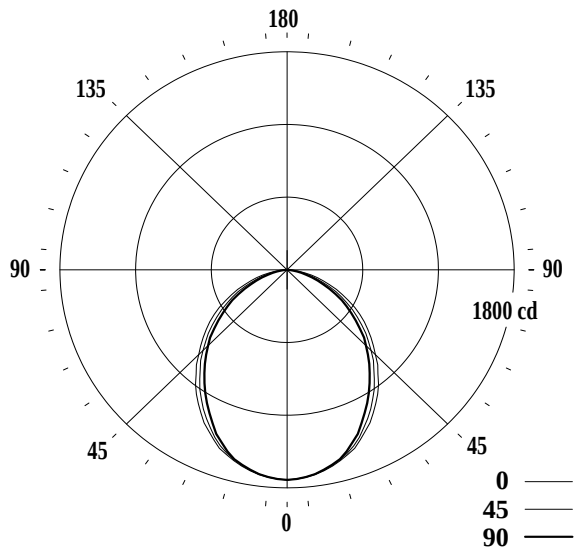
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL85040AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 4000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4103 lm 100.0%
Input Watts:	120 VAC 36.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 112.7
CIE-IES Classification:	Direct	**Report:**	LNG00370

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1735	1735	1735	1735	1735	
5	1720	1723	1717	1720	1717	163
15	1630	1640	1622	1627	1618	458
25	1469	1483	1439	1428	1397	666
35	1253	1271	1205	1182	1141	758
45	991	1008	943	904	885	735
55	748	747	679	664	621	619
65	485	484	430	404	370	432
75	249	250	199	171	157	220
85	57	57	33	35	27	51
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)			1734.5	0.0
Direct: Peak Candela & Angle (90deg)			1734.5	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	36.4	0.304	6.6	0.997
277V: P(W), I(A), THD(%), PF	36.3	0.136	8.6	0.966
347V: P(W), I(A), THD(%), PF	37.1	0.110	6.6	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	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	1287	31.4%	31.4%
0-40	2046	49.9%	49.9%
0-60	3400	82.9%	82.9%
0-90	4103	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	4103	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5259	5259	5259
5	5233	5225	5225
15	5117	5090	5080
25	4913	4812	4673
35	4637	4460	4225
45	4248	4042	3796
55	3954	3591	3281
65	3478	3085	2651
75	2922	2328	1840
85	1979	1148	932

LUMINAIRE SECTION

LEDALITE

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