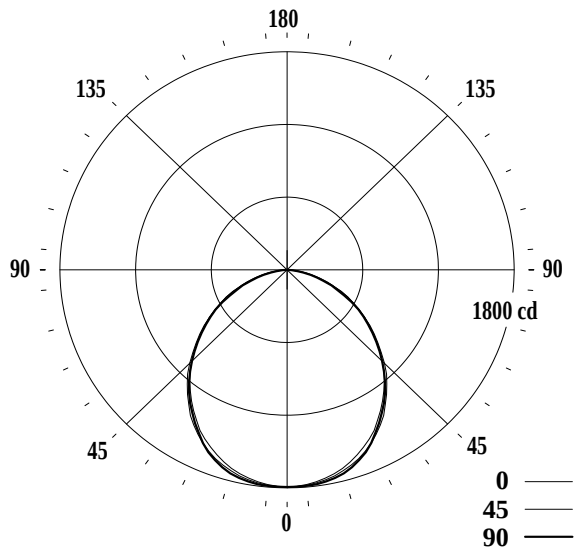
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL82750AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4681 lm 100.0%
Input Watts:	120 VAC 37.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 125.8
CIE-IES Classification:	Direct	**Report:**	LNG00380

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1793	1793	1793	1793	1793	
5	1779	1783	1784	1789	1790	170
15	1697	1711	1717	1745	1739	486
25	1542	1572	1579	1595	1578	726
35	1321	1377	1358	1370	1341	850
45	1066	1109	1092	1100	1066	842
55	793	835	803	827	783	725
65	533	559	530	529	499	526
75	273	289	258	268	246	286
85	64	69	50	58	39	71
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)			1792.7	0.0
Direct: Peak Candela & Angle (90deg)			1792.7	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	0.4554	0.4074	2737	0.0008
CRI (Ra), R9			82	6
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	1381	29.5%	29.5%
0-40	2231	47.7%	47.7%
0-60	3798	81.1%	81.1%
0-90	4681	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	4681	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2590	2590	2590
5	2580	2587	2595
15	2538	2567	2601
25	2457	2516	2515
35	2329	2395	2364
45	2178	2230	2178
55	1996	2021	1973
65	1820	1812	1706
75	1524	1439	1375
85	1064	834	645

LUMINAIRE SECTION

LEDALITE

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