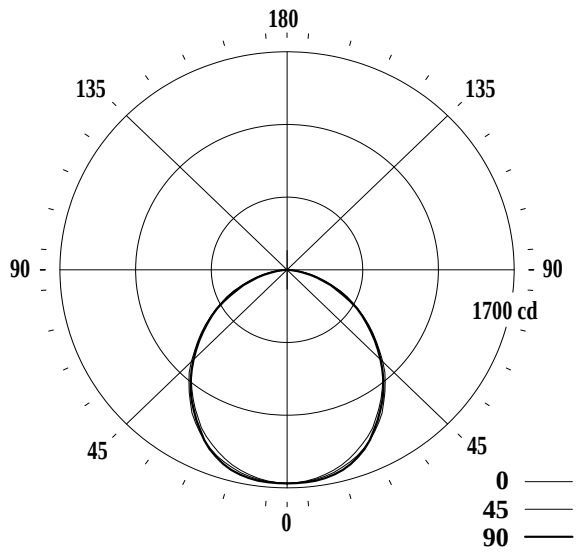
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83045AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 4500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4347 lm 100.0%
Input Watts:	120 VAC 33.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.5
CIE-IES Classification:	Direct	**Report:**	LNG00388

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1665	1665	1665	1665	1665	
5	1653	1656	1657	1662	1662	158
15	1576	1589	1594	1620	1615	451
25	1432	1460	1466	1481	1466	674
35	1227	1279	1261	1273	1245	789
45	990	1030	1014	1022	990	782
55	736	775	745	768	728	673
65	495	519	493	492	463	489
75	254	268	240	248	229	265
85	60	64	47	54	36	66
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)			1665.0	0.0
Direct: Peak Candela & Angle (90deg)			1665.0	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	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	33.3	0.279	6.0	0.995
277V: P(W), I(A), THD(%), PF	33.2	0.125	8.7	0.958
347V: P(W), I(A), THD(%), PF	33.9	0.101	7.1	0.967

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	1283	29.5%	29.5%
0-40	2072	47.7%	47.7%
0-60	3527	81.1%	81.1%
0-90	4347	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	4347	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2405	2405	2405
5	2396	2403	2410
15	2357	2384	2415
25	2282	2337	2336
35	2163	2224	2195
45	2023	2071	2022
55	1854	1877	1832
65	1691	1683	1584
75	1415	1337	1276
85	989	774	598

LUMINAIRE SECTION

LEDALITE

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