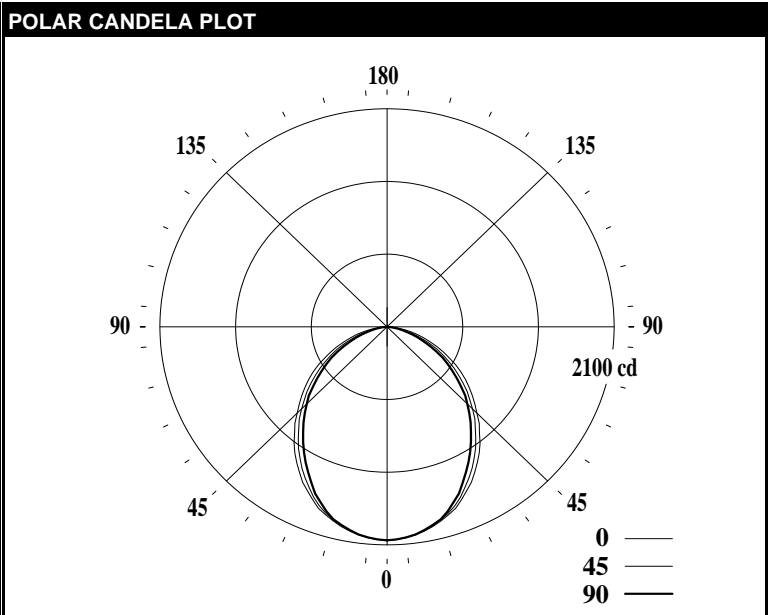


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3314x1STL83050AxDE
Lamp Type:	LED	Description:	SHINE 1X4 5000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4865 lm 100.0%
Input Watts:	120 VAC 47.1	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 103.3
CIE-IES Classification:	Direct	Report:	LNG00354

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2057	2057	2057	2057	2057	
5	2039	2043	2036	2040	2036	193
15	1933	1945	1923	1929	1919	543
25	1741	1759	1706	1694	1656	790
35	1486	1507	1429	1401	1353	899
45	1175	1195	1118	1071	1050	871
55	887	885	806	788	736	734
65	575	574	510	479	438	512
75	296	297	236	203	186	261
85	68	67	39	41	32	60
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	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2056.5		0.0
Direct: Peak Candela & Angle (90deg)	2056.5		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.18	1.11	N/A
Indirect: Peak Candela & Angle	N/A	N/A	N/A
Indirect: Zenith Candela, Peak to Zenith	N/A	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	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
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	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	1527	31.4%	31.4%
0-40	2426	49.9%	49.9%
0-60	4031	82.9%	82.9%
0-90	4865	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	4865	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6235	6235	6235
5	6205	6195	6195
15	6068	6035	6023
25	5825	5706	5541
35	5498	5288	5009
45	5037	4793	4501
55	4688	4258	3890
65	4124	3657	3143
75	3465	2760	2181
85	2348	1360	1106

LUMINAIRE SECTION	



LEDALITE

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