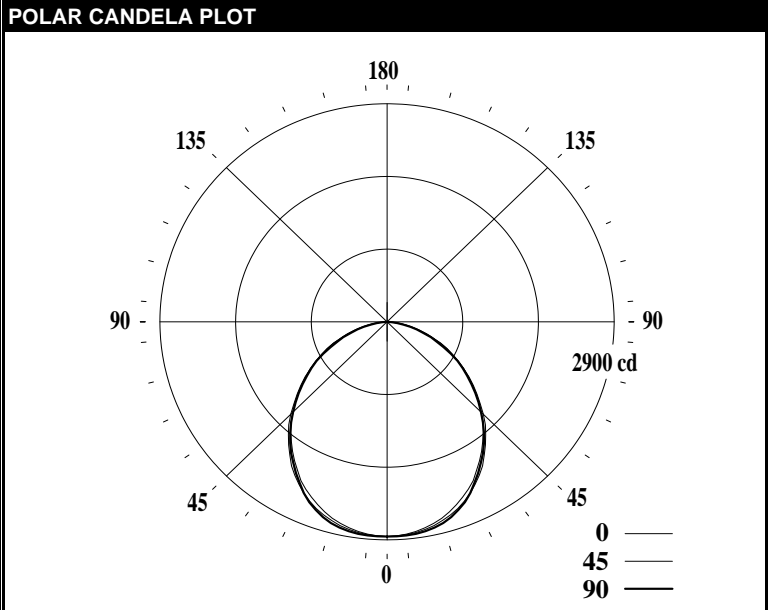


# LEDALITE - SHINE

<b>TEST DATE:</b>	18 Oct 2019		<b>CATALOG NO:</b>	3324x1STL82780AxDE	
<b>Lamp Type:</b>	LED		<b>Description:</b>	SHINE 2X4 8000LM 827	
<b>No. of Lamps:</b>	176				
<b>Rated Lamp Lumens:</b>	-1		<b>Flux (lm), Efficiency (%):</b>	7457 lm	100.0%
<b>Input Watts:</b>	120 VAC	62.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn	119.3
<b>CIE-IES Classification:</b>	Direct		<b>Report:</b>	LNG00386	


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2856	2856	2856	2856	2856	
5	2834	2840	2842	2851	2851	270
15	2704	2726	2735	2779	2770	774
25	2456	2505	2515	2541	2514	1156
35	2104	2194	2163	2183	2136	1354
45	1699	1766	1739	1753	1698	1342
55	1263	1330	1278	1317	1248	1155
65	848	890	845	843	795	838
75	435	460	411	426	392	455
85	102	110	80	93	62	113
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	0



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2855.8	0.0	
Direct: Peak Candela & Angle (90deg)	2855.8	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	0.4543	0.4065	2748 0.0010
CRI (Ra), R9			82 6
120V: P(W), I(A), THD(%), PF	62.5	0.522	8.2 0.996
277V: P(W), I(A), THD(%), PF	61.7	0.226	9.3 0.985
347V: P(W), I(A), THD(%), PF	62.4	0.184	9.1 0.977

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	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



## LEDALITE

Ledalite  
19750 - 92A Avenue  
Langley, BC  
CANADA V1M 3B2  
Phone: 604-888-6811  
Fax: 800-665-5332  
604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	2200	29.5%	29.5%
0-40	3554	47.7%	47.7%
0-60	6050	81.1%	81.1%
0-90	7457	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	7457	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4125	4125	4125
5	4110	4121	4134
15	4043	4090	4143
25	3914	4009	4007
35	3710	3815	3766
45	3470	3553	3469
55	3180	3220	3142
65	2899	2887	2717
75	2427	2292	2190
85	1695	1329	1028

### LUMINAIRE SECTION