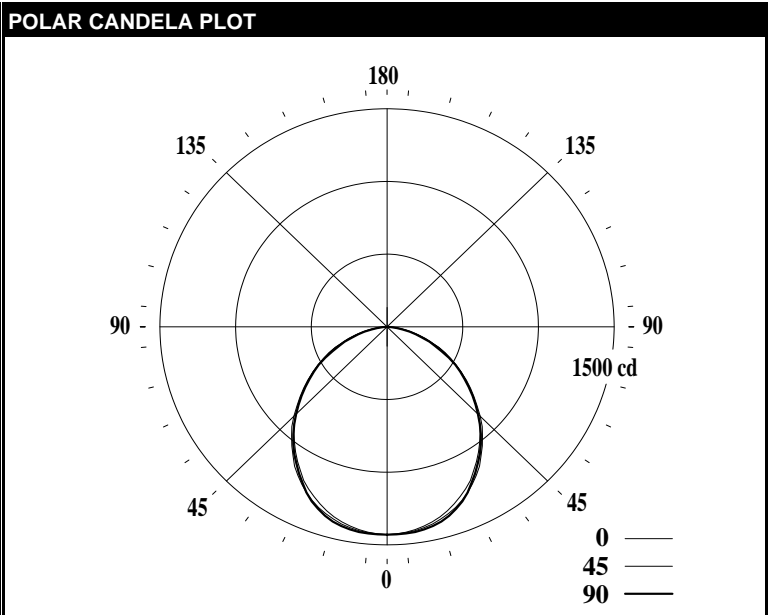


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL82740AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3732 lm 100.0%
Input Watts:	120 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 126.5
CIE-IES Classification:	Direct	Report:	LNG00378

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1429	1429	1429	1429	1429	
5	1419	1422	1423	1427	1427	135
15	1353	1364	1369	1391	1387	387
25	1229	1254	1259	1272	1258	579
35	1053	1098	1083	1093	1069	678
45	850	884	871	877	850	672
55	632	666	640	659	625	578
65	425	446	423	422	398	420
75	218	230	206	213	196	228
85	51	55	40	47	31	57
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)	1429.4		0.0
Direct: Peak Candela & Angle (90deg)	1429.4		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	29.5	0.247	8.6 0.994
277V: P(W), I(A), THD(%), PF	29.4	0.110	9.9 0.969
347V: P(W), I(A), THD(%), PF	30.1	0.090	7.9 0.958

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1101	29.5%	29.5%
0-40	1779	47.7%	47.7%
0-60	3028	81.1%	81.1%
0-90	3732	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	3732	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2065	2065	2065
5	2057	2063	2069
15	2024	2047	2074
25	1959	2007	2006
35	1857	1909	1885
45	1737	1778	1736
55	1592	1612	1573
65	1451	1445	1360
75	1215	1147	1096
85	849	665	514

LUMINAIRE SECTION	



LEDALITE

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