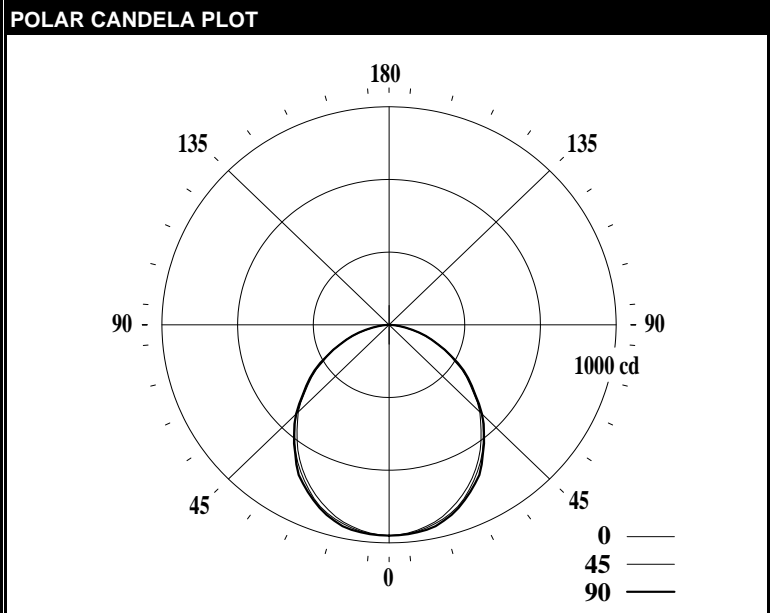


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3322x1STL85025AxDE
Lamp Type:	LED	Description:	SHINE 2X2 2500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2474 lm 100.0%
Input Watts:	120 VAC 19.2	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 128.9
CIE-IES Classification:	Direct	Report:	LNG00331

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	967	967	967	967	967	
5	959	962	961	965	964	91
15	911	919	922	937	930	261
25	819	841	835	855	846	388
35	700	727	716	730	720	451
45	566	585	578	591	578	447
55	415	428	421	434	425	380
65	270	277	272	283	271	273
75	132	140	135	143	137	148
85	27	33	28	31	26	37
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	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	966.9	0.0	
Direct: Peak Candela & Angle (90deg)	966.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.18	1.22	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)	1.90	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	0.3425	0.3523	5101 0.0014
CRI (Ra), R9	82	13	
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.3 0.994
277V: P(W), I(A), THD(%), PF	19.2	0.073	12.2 0.956
347V: P(W), I(A), THD(%), PF	19.9	0.059	10.3 0.971

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	101	97	107	102	99	98	95	92	85		
2	100	92	85	80	97	90	84	86	81	77	71		
3	91	81	73	67	89	79	72	76	70	65	61		
4	84	72	63	57	81	71	63	68	61	56	52		
5	77	64	56	49	75	63	55	61	54	48	45		
6	71	58	49	43	69	57	49	55	48	43	40		
7	66	53	44	38	64	52	44	51	43	38	35		
8	62	48	40	34	60	48	40	46	39	34	32		
9	58	44	36	31	56	44	36	43	36	31	29		
10	54	41	33	28	53	41	33	40	33	28	26		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	740	29.9%	29.9%
0-40	1190	48.1%	48.1%
0-60	2017	81.5%	81.5%
0-90	2474	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	2474	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2867	2867	2867
5	2853	2861	2868
15	2795	2829	2856
25	2680	2731	2767
35	2534	2592	2607
45	2372	2423	2425
55	2147	2175	2197
65	1896	1907	1901
75	1508	1549	1574
85	932	953	878

LUMINAIRE SECTION	



LEDALITE

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