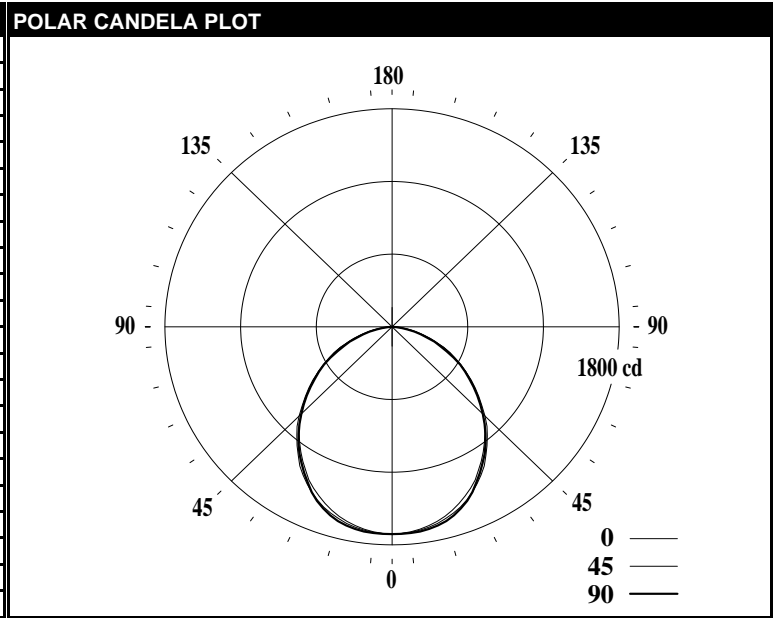


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL83545AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4468 lm 100.0%
Input Watts:	120 VAC 33.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 134.2
CIE-IES Classification:	Direct	Report:	LNG00397


CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1711	1711	1711	1711	1711	
5	1698	1702	1703	1708	1708	162
15	1620	1633	1639	1665	1660	464
25	1471	1501	1507	1522	1506	693
35	1261	1315	1296	1308	1280	811
45	1018	1058	1042	1050	1017	804
55	757	797	766	789	748	692
65	508	534	506	505	476	502
75	261	276	246	255	235	273
85	61	66	48	56	37	68
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)	1711.1		0.0
Direct: Peak Candela & Angle (90deg)	1711.1		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.21	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	1.91	0.00
UGR (4H x 8H, 0.25H)			18.5
Ballast Factor, Multiplication Factor		1.000	1.000
DLC (120/277), DLC (347)		premium	premium
x, y, CCT, Duv	0.4061	0.3934	3505 0.0010
CRI (Ra), R9			82 9
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	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	1318	29.5%	29.5%
0-40	2129	47.7%	47.7%
0-60	3625	81.1%	81.1%
0-90	4468	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	4468	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2472	2472	2472
5	2463	2469	2477
15	2422	2450	2482
25	2345	2402	2401
35	2223	2286	2256
45	2079	2129	2078
55	1905	1929	1883
65	1737	1730	1628
75	1454	1374	1312
85	1016	796	615

LUMINAIRE SECTION	