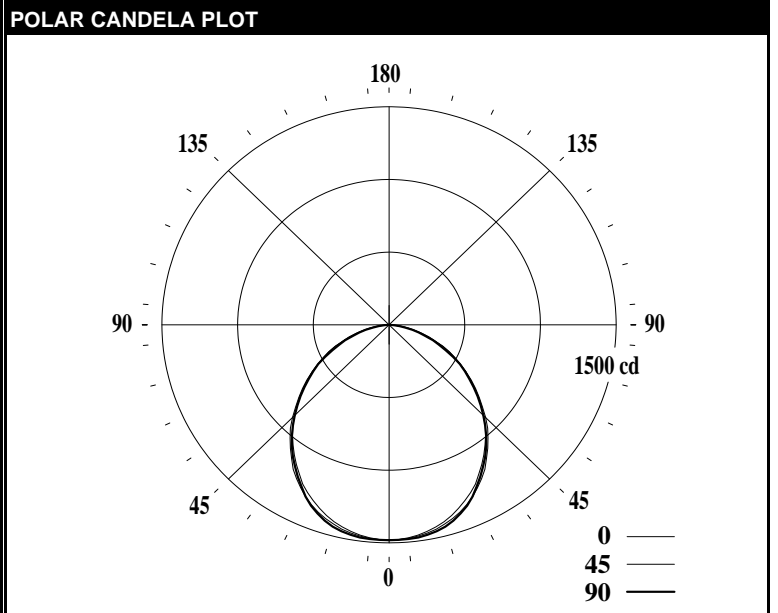


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL83040AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3868 lm 100.0%
Input Watts:	120 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 131.1
CIE-IES Classification:	Direct	Report:	LNG00387

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1482	1482	1482	1482	1482	
5	1470	1474	1475	1479	1479	140
15	1403	1414	1419	1442	1437	401
25	1274	1299	1305	1318	1304	600
35	1091	1138	1122	1132	1108	702
45	881	916	902	909	881	696
55	655	690	663	683	647	599
65	440	462	438	438	412	435
75	226	239	213	221	204	236
85	53	57	42	48	32	59
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)	1481.5		0.0
Direct: Peak Candela & Angle (90deg)	1481.5		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	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
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	1141	29.5%	29.5%
0-40	1844	47.7%	47.7%
0-60	3139	81.1%	81.1%
0-90	3868	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	3868	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2140	2140	2140
5	2132	2138	2145
15	2098	2121	2149
25	2030	2080	2079
35	1925	1979	1953
45	1800	1843	1800
55	1650	1670	1630
65	1504	1498	1410
75	1259	1189	1136
85	880	689	532

LUMINAIRE SECTION	



LEDALITE

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