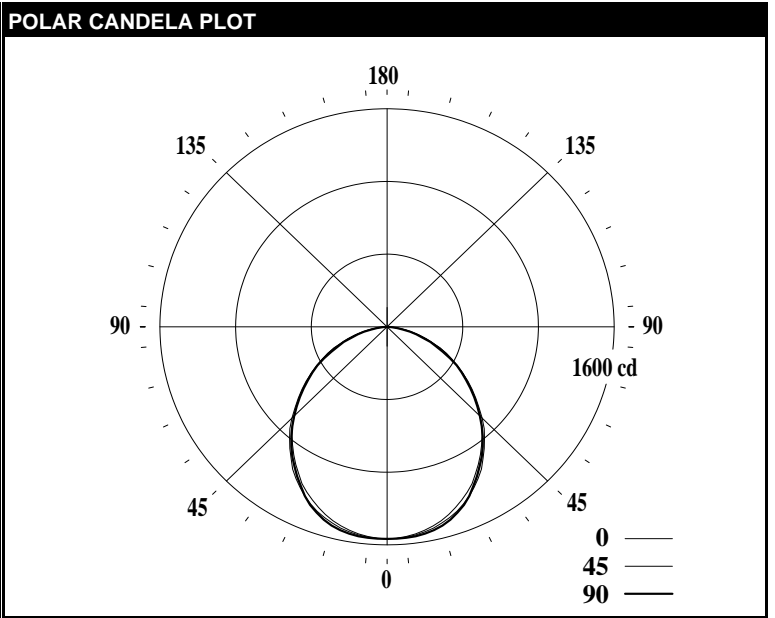


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL84040AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4000LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4064 lm 100.0%
Input Watts:	120 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 137.8
CIE-IES Classification:	Direct	Report:	LNG00405

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1556	1556	1556	1556	1556	
5	1545	1548	1549	1554	1554	147
15	1473	1485	1490	1515	1510	422
25	1338	1365	1371	1385	1370	630
35	1147	1196	1179	1190	1164	738
45	926	962	948	955	925	731
55	688	725	697	718	680	629
65	462	485	460	460	433	457
75	237	251	224	232	214	248
85	56	60	44	51	34	62
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	



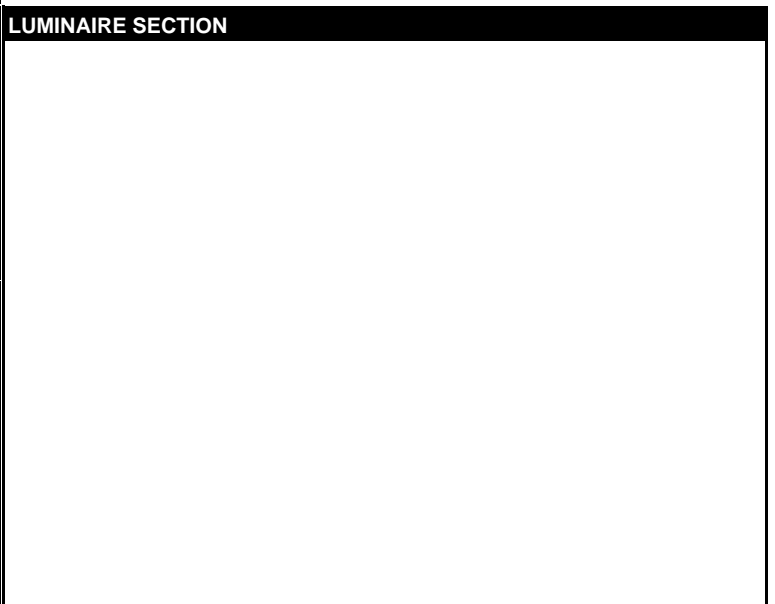
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1556.3	0.0	
Direct: Peak Candela & Angle (90deg)	1556.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.21	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (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	0.3794	0.3781	4040 0.0010
CRI (Ra), R9		82	10
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	1199	29.5%	29.5%
0-40	1937	47.7%	47.7%
0-60	3297	81.1%	81.1%
0-90	4064	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	4064	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2248	2248	2248
5	2240	2246	2253
15	2203	2229	2258
25	2133	2185	2184
35	2022	2079	2052
45	1891	1936	1890
55	1733	1755	1713
65	1580	1573	1481
75	1323	1249	1193
85	925	724	560



LEDALITE

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