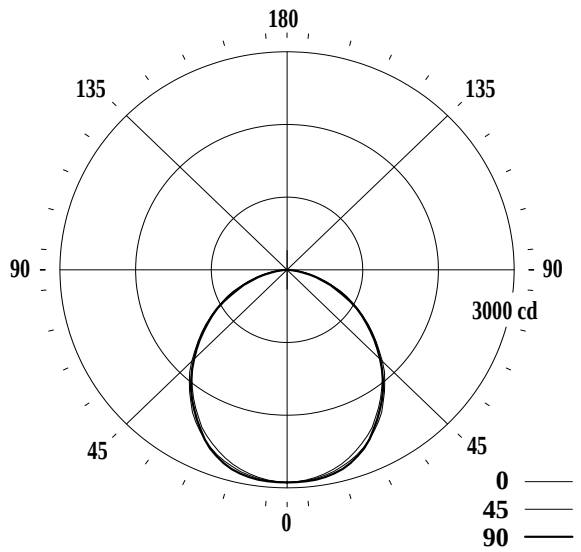
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL84075AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 7500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7637 lm 100.0%
Input Watts:	120 VAC 58.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.3
CIE-IES Classification:	Direct	**Report:**	LNG00412

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2925	2925	2925	2925	2925	
5	2903	2909	2911	2919	2920	277
15	2769	2792	2801	2846	2837	792
25	2515	2565	2576	2602	2575	1184
35	2155	2247	2216	2236	2187	1386
45	1740	1809	1781	1795	1739	1374
55	1293	1362	1309	1348	1278	1182
65	869	912	865	864	814	859
75	445	471	421	436	402	466
85	105	113	82	95	64	116
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2924.8	0.0
Direct: Peak Candela & Angle (90deg)			2924.8	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	58.6	0.491	9.0	0.995
277V: P(W), I(A), THD(%), PF	58.1	0.213	10.0	0.987
347V: P(W), I(A), THD(%), PF	58.3	0.173	9.6	0.973

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	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	2253	29.5%	29.5%
0-40	3640	47.7%	47.7%
0-60	6196	81.1%	81.1%
0-90	7637	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	7637	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4225	4225	4225
5	4209	4221	4234
15	4141	4188	4243
25	4008	4106	4104
35	3800	3907	3857
45	3554	3639	3553
55	3257	3297	3218
65	2969	2957	2783
75	2486	2348	2242
85	1737	1361	1052

LUMINAIRE SECTION

LEDALITE

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