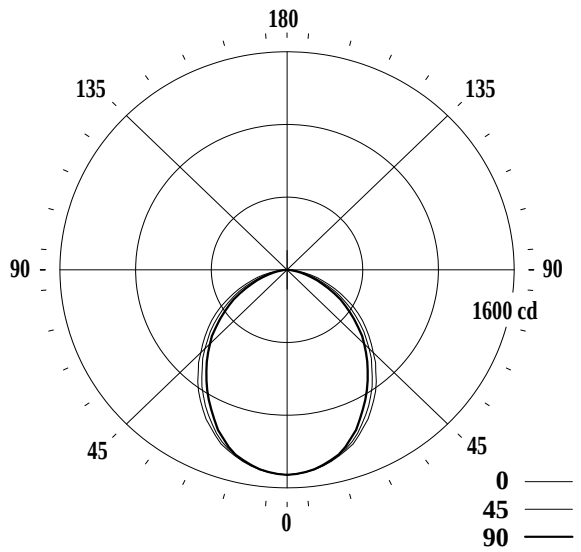
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL85035AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 3500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3559 lm 100.0%
Input Watts:	120 VAC 31.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 114.4
CIE-IES Classification:	Direct	**Report:**	LNG00369

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1505	1505	1505	1505	1505	
5	1492	1495	1489	1492	1489	141
15	1415	1423	1407	1411	1404	398
25	1274	1287	1248	1239	1212	578
35	1087	1103	1045	1025	990	658
45	860	874	818	784	768	637
55	649	648	589	576	539	537
65	421	420	373	351	321	375
75	216	217	172	148	136	191
85	49	49	29	30	23	44
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)			1504.7	0.0
Direct: Peak Candela & Angle (90deg)			1504.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.11	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	0.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.3425	0.3523	5101	0.0014
CRI (Ra), R9			82	13
120V: P(W), I(A), THD(%), PF	31.1	0.260	8.1	0.994
277V: P(W), I(A), THD(%), PF	31.0	0.118	8.9	0.951
347V: P(W), I(A), THD(%), PF	31.7	0.095	7.5	0.962

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	110	105	101	97	107	103	99	99	96	93	85
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	72	64	69	62	57	53
5	78	65	57	50	76	64	56	62	55	50	46
6	72	59	50	44	70	58	50	56	49	44	41
7	67	54	45	39	65	53	45	51	44	39	36
8	62	49	41	35	61	49	41	47	40	35	33
9	58	45	37	32	57	45	37	44	37	32	30
10	55	42	34	29	54	41	34	40	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1117	31.4%	31.4%
0-40	1775	49.9%	49.9%
0-60	2950	82.9%	82.9%
0-90	3559	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	3559	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4562	4562	4562
5	4540	4533	4533
15	4440	4416	4407
25	4262	4175	4054
35	4023	3869	3665
45	3685	3507	3293
55	3430	3115	2846
65	3017	2676	2300
75	2535	2020	1597
85	1718	995	807

LUMINAIRE SECTION

LEDALITE

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