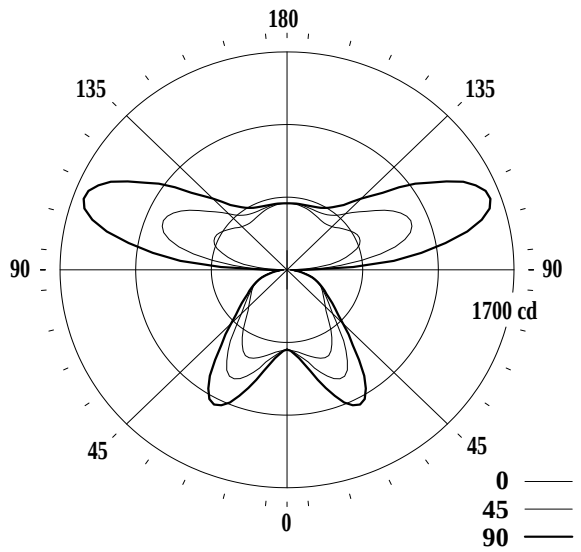
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL93568QN04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED STD 6800LM 935
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6861 lm 100.0%
Input Watts:	120 VAC 65.2	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 105.2
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL33 F39373ColorU S07006-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	622	622	622	622	622	
5	637	642	648	668	661	64
15	700	735	793	884	888	230
25	738	788	937	1102	1166	429
35	574	598	770	889	1009	473
45	406	410	483	532	594	378
55	328	326	353	360	386	315
65	274	259	264	257	273	261
75	183	169	171	155	165	175
85	63	47	58	55	66	73
90	31	42	73	119	138	
95	224	217	404	598	803	453
105	502	568	914	1263	1510	969
115	597	693	989	1398	1560	1019
125	544	624	807	1098	1173	761
135	477	522	619	755	787	495
145	460	479	525	582	597	335
155	479	486	507	532	538	236
165	503	505	514	520	523	145
175	517	517	519	520	520	50
180	519	519	519	519	519	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			742.6	22.5
Direct: Peak Candela & Angle (90deg)			1184.5	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.41	1.75	N/A
Indirect: Peak Candela & Angle			1621.2	110.0
Indirect: Zenith Candela, Peak to Zenith			518.6	3.13
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				13.7
Ballast Factor, Multiplication Factor			1.000	1.469
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.4063	0.3876	3452	0.0016
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	65.2	0.543	7.5	0.996
277V: P(W), I(A), THD(%), PF	64.7	0.236	10.6	0.990
347V: P(W), I(A), THD(%), PF	63.8	0.189	11.7	0.970

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	104	104	104	104	94	94	94	75	75	75	35
1	94	90	86	83	85	81	78	65	63	61	29
2	86	78	72	67	77	71	66	57	54	50	24
3	78	69	62	56	70	63	56	50	46	42	21
4	72	61	53	47	64	55	49	45	40	36	18
5	66	54	46	41	59	49	42	40	35	31	15
6	60	49	41	35	54	44	37	36	31	27	14
7	56	44	36	31	50	40	33	33	28	24	12
8	52	40	32	27	47	36	30	30	25	21	11
9	48	36	29	24	43	33	27	27	22	19	10
10	45	33	26	21	40	30	24	25	20	17	9

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	723	10.5%	10.5%
0-40	1195	17.4%	17.4%
0-60	1889	27.5%	27.5%
0-90	2398	35.0%	35.0%
90-130	3202	46.7%	46.7%
90-150	4032	58.8%	58.8%
90-180	4463	65.0%	65.0%
0-180	6861	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	1807	1807	1807
5	1856	1887	1925
15	2102	2375	2656
25	2360	2978	3700
35	2029	2695	3526
45	1658	1947	2388
55	1651	1743	1895
65	1861	1743	1794
75	2020	1795	1720
85	1981	1587	1765

LUMINAIRE SECTION

LEDALITE

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