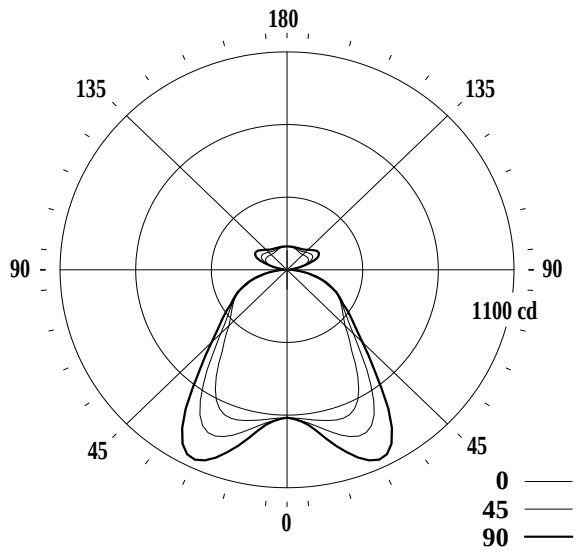
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83534QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 3400LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2918 lm 100.0%
Input Watts:	120 VAC 25.0	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 116.7
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL30 F39392Color S07007-6

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	747	747	747	747	747	
5	753	759	764	778	767	74
15	787	811	849	911	921	244
25	774	798	906	1006	1057	412
35	578	579	708	776	856	432
45	397	403	455	479	517	350
55	323	317	333	335	356	298
65	260	253	256	245	262	250
75	171	158	162	151	159	167
85	55	42	49	45	53	56
90	7	7	13	17	19	
95	24	15	18	16	18	22
105	83	72	80	79	91	82
115	115	118	135	156	169	134
125	116	124	140	162	170	127
135	109	114	126	141	144	98
145	107	109	117	126	128	74
155	111	111	115	120	122	54
165	115	116	117	119	120	33
175	118	118	118	118	118	11
180	118	118	118	118	118	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			796.8	20.0
Direct: Peak Candela & Angle (90deg)			1057.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			176.3	120.0
Indirect: Zenith Candela, Peak to Zenith			117.8	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				17.5
Ballast Factor, Multiplication Factor			1.000	0.706
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.4092	0.3939	3441	0.0005
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	25.0	0.210	9.0	0.993
277V: P(W), I(A), THD(%), PF	25.0	0.095	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.6	0.074	13.0	0.957

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	114	114	114	114	109	109	109	99	99	99	78
1	104	99	95	91	99	95	91	87	84	81	66
2	95	87	80	75	90	83	77	76	72	68	55
3	87	77	69	63	82	74	67	67	62	57	47
4	80	68	60	54	76	65	58	60	54	49	41
5	73	61	53	46	70	59	51	54	48	43	35
6	68	55	47	41	65	53	45	49	43	38	31
7	63	50	42	36	60	48	41	45	38	33	28
8	59	46	38	32	56	44	37	41	35	30	25
9	55	42	34	29	52	41	33	38	32	27	23
10	51	39	31	26	49	37	30	35	29	25	21

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	730	25.0%	25.0%
0-40	1162	39.8%	39.8%
0-60	1810	62.0%	62.0%
0-90	2283	78.2%	78.2%
90-130	365	12.5%	12.5%
90-150	537	18.4%	18.4%
90-180	635	21.8%	21.8%
0-180	2918	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2169	2169	2169
5	2196	2225	2231
15	2364	2542	2753
25	2474	2880	3355
35	2041	2478	2992
45	1623	1837	2082
55	1625	1644	1751
65	1767	1689	1724
75	1885	1704	1650
85	1717	1346	1427

LUMINAIRE SECTION

LEDALITE

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