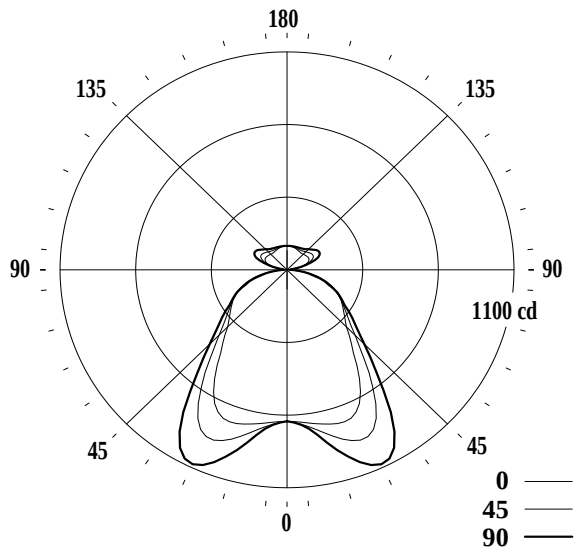
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL84034QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 3400LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2988 lm 100.0%
Input Watts:	120 VAC 24.9	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 120.0
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL30 F39393Color S07007-9

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	764	764	764	764	764	
5	772	778	782	797	785	76
15	806	830	870	933	943	250
25	792	817	928	1031	1082	422
35	591	593	725	795	877	443
45	407	412	466	490	530	359
55	331	325	341	343	365	305
65	266	259	262	251	269	256
75	175	162	166	154	163	171
85	56	43	50	46	55	57
90	8	8	14	18	20	
95	25	15	18	17	19	22
105	85	74	81	81	93	84
115	118	121	138	160	173	137
125	118	127	144	166	174	130
135	111	117	129	144	147	101
145	109	111	119	129	131	76
155	113	114	118	123	125	55
165	118	118	120	122	122	34
175	121	121	121	121	121	12
180	121	121	121	121	121	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			816.0	20.0
Direct: Peak Candela & Angle (90deg)			1082.4	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			180.5	120.0
Indirect: Zenith Candela, Peak to Zenith			120.7	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				17.6
Ballast Factor, Multiplication Factor			1.000	0.723
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.3843	0.3818	3934	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	24.9	0.209	9.0	0.993
277V: P(W), I(A), THD(%), PF	24.9	0.095	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.5	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	747	25.0%	25.0%
0-40	1190	39.8%	39.8%
0-60	1853	62.0%	62.0%
0-90	2338	78.2%	78.2%
90-130	374	12.5%	12.5%
90-150	550	18.4%	18.4%
90-180	651	21.8%	21.8%
0-180	2988	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2221	2221	2221
5	2249	2278	2285
15	2421	2603	2819
25	2533	2950	3436
35	2090	2538	3065
45	1662	1881	2132
55	1664	1683	1793
65	1810	1730	1765
75	1931	1745	1689
85	1759	1379	1462

LUMINAIRE SECTION

LEDALITE

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