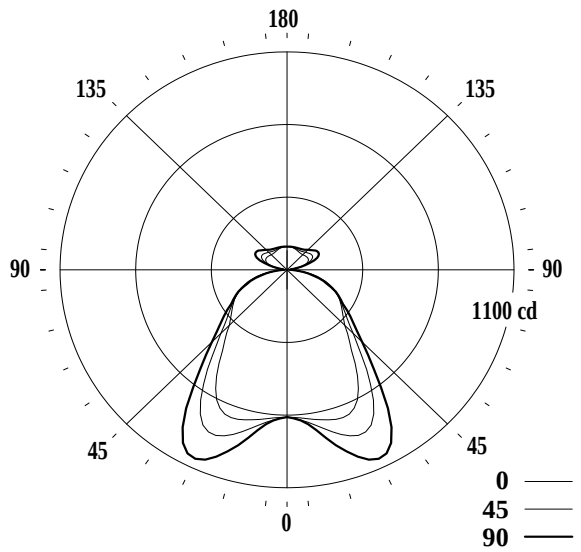
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83034QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 3400LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2906 lm 100.0%
Input Watts:	120 VAC 25.1	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 115.8
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL30 F39411Color S07007-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	743	743	743	743	743	
5	750	756	761	775	763	74
15	784	807	846	907	917	243
25	770	794	903	1002	1053	410
35	575	576	705	773	853	430
45	395	401	454	477	515	349
55	322	316	332	333	355	297
65	259	252	255	244	261	249
75	170	157	162	150	158	167
85	54	42	49	45	53	56
90	7	7	13	17	19	
95	24	15	18	16	18	22
105	82	71	79	79	91	82
115	114	118	135	155	168	133
125	115	124	140	161	170	126
135	108	114	125	140	143	98
145	106	108	116	125	127	73
155	110	111	115	120	121	53
165	115	115	117	118	119	33
175	117	117	117	118	118	11
180	117	117	117	117	117	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			793.4	20.0
Direct: Peak Candela & Angle (90deg)			1052.5	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			175.5	120.0
Indirect: Zenith Candela, Peak to Zenith			117.3	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	0.703
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.4343	0.4018	3027	0.0006
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	25.1	0.210	9.0	0.993
277V: P(W), I(A), THD(%), PF	25.1	0.096	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.7	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	727	25.0%	25.0%
0-40	1157	39.8%	39.8%
0-60	1802	62.0%	62.0%
0-90	2273	78.2%	78.2%
90-130	364	12.5%	12.5%
90-150	535	18.4%	18.4%
90-180	633	21.8%	21.8%
0-180	2906	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2159	2159	2159
5	2187	2215	2222
15	2354	2531	2741
25	2463	2868	3341
35	2032	2468	2980
45	1616	1829	2073
55	1618	1637	1744
65	1760	1682	1717
75	1877	1697	1643
85	1710	1341	1421

LUMINAIRE SECTION

LEDALITE

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