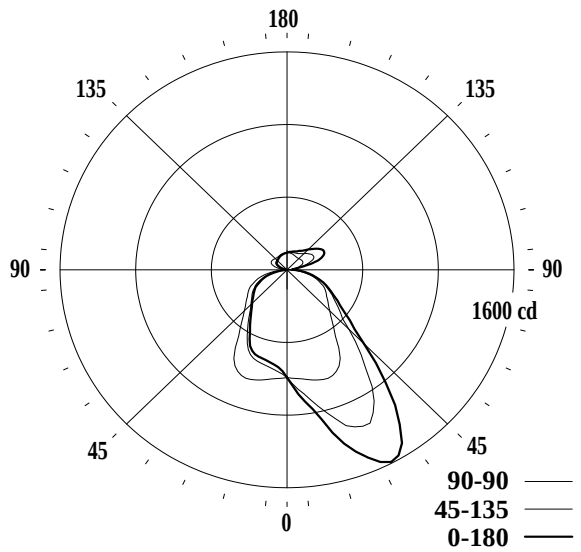
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL84034WG04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 80%DN 3400LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3096 lm 100.0%
Input Watts:	120 VAC 27.5	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 112.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL45 F39393Color S07018-8

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	791	791	791	791	791	
5	917	879	801	750	717	79
15	1238	1088	837	709	673	256
25	1556	1267	822	646	617	431
35	1385	1045	595	479	450	458
45	764	616	426	360	349	374
55	457	421	341	300	285	318
65	326	313	284	232	213	266
75	211	222	188	136	124	178
85	102	94	65	20	15	61
90	43	31	6	1	1	
95	40	35	23	2	2	24
105	179	129	88	36	23	87
115	290	209	123	80	66	142
125	270	201	125	96	89	135
135	213	168	117	100	96	105
145	170	145	115	104	103	79
155	150	136	118	110	111	57
165	138	133	124	118	117	36
175	131	129	126	124	123	12
180	126	126	126	126	126	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1590.1	27.5
Direct: Peak Candela & Angle (180deg)			791.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.80	1.29	1.05
Indirect: Peak Candela & Angle			293.8	117.5
Indirect: Zenith Candela, Peak to Zenith			126.2	2.33
Luminous Length, Width, Height (ft)		0.3400	3.9400	0.0200
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	0.785
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3843	0.3818	3934	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	27.5	0.230	8.0	0.995
277V: P(W), I(A), THD(%), PF	27.4	0.103	12.5	0.954
347V: P(W), I(A), THD(%), PF	27.1	0.081	11.6	0.964

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	65
2	95	87	80	75	90	83	77	76	71	67	55
3	87	77	69	63	82	73	66	67	62	57	47
4	79	68	60	53	76	65	58	60	54	49	40
5	73	61	53	46	70	59	51	54	48	43	35
6	68	55	47	41	64	53	45	49	42	37	31
7	63	50	42	36	60	48	40	45	38	33	28
8	58	46	38	32	56	44	37	41	34	30	25
9	55	42	34	29	52	40	33	38	31	27	23
10	51	39	31	26	49	37	30	35	29	24	20

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	765	24.7%	24.7%
0-40	1223	39.5%	39.5%
0-60	1915	61.9%	61.9%
0-90	2420	78.2%	78.2%
90-130	388	12.5%	12.5%
90-150	572	18.5%	18.5%
90-180	676	21.8%	21.8%
0-180	3096	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6355	6355	6355
5	7354	6456	5750
15	10131	6954	5511
25	13424	7270	5320
35	13045	5812	4241
45	8198	4815	3739
55	5908	4742	3679
65	5498	5332	3590
75	5378	5712	3158
85	5637	5675	839

LUMINAIRE SECTION

LEDALITE

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