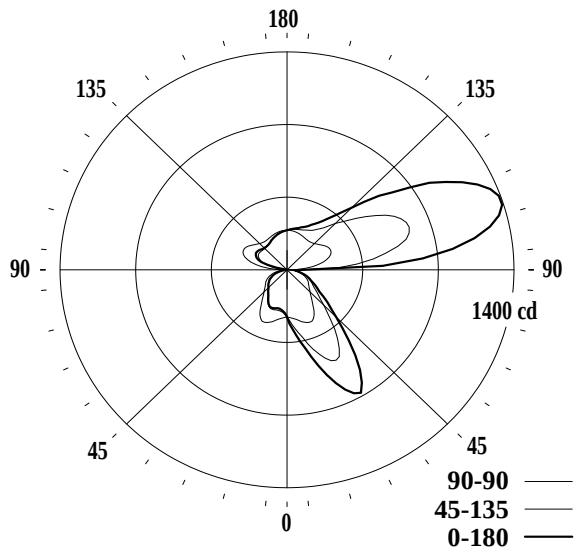
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83534WN04D**
Lamp Type:	LED	**Description:**	EYELINE WALL STD 3400LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3375 lm 100.0%
Input Watts:	120 VAC 27.6	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 122.3
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL45 F39392Color S07019-5

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	303	303	303	303	303	
5	380	353	310	276	267	31
15	578	492	345	267	255	110
25	849	644	364	261	257	206
35	785	544	279	205	200	231
45	429	321	202	163	162	187
55	243	208	162	138	136	155
65	164	157	134	108	103	129
75	108	103	91	63	58	86
85	57	44	29	9	8	36
90	100	100	8	2	3	
95	839	435	112	6	4	236
105	1354	761	252	138	125	477
115	1297	776	298	194	212	497
125	923	597	273	201	216	373
135	565	422	239	194	199	244
145	383	317	228	199	199	165
155	311	282	236	217	216	116
165	278	268	247	235	234	71
175	262	259	254	250	249	24
180	254	254	254	254	254	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			912.3	30.0
Direct: Peak Candela & Angle (180deg)			303.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		2.00	1.41	1.15
Indirect: Peak Candela & Angle			1391.5	107.5
Indirect: Zenith Candela, Peak to Zenith			254.4	5.47
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	0.762
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4092	0.3939	3441	0.0005
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	27.6	0.231	8.0	0.995
277V: P(W), I(A), THD(%), PF	27.5	0.104	12.5	0.954
347V: P(W), I(A), THD(%), PF	27.2	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	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	53	50	24
3	78	69	62	56	70	62	56	50	46	42	20
4	71	61	53	47	64	55	49	45	40	36	18
5	66	54	46	40	59	49	42	40	35	31	15
6	60	49	41	35	54	44	37	36	31	27	13
7	56	44	36	30	50	40	33	32	27	24	12
8	52	40	32	27	46	36	29	30	24	21	11
9	48	36	29	24	43	33	26	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	347	10.3%	10.3%
0-40	578	17.1%	17.1%
0-60	921	27.3%	27.3%
0-90	1171	34.7%	34.7%
90-130	1584	46.9%	46.9%
90-150	1992	59.0%	59.0%
90-180	2204	65.3%	65.3%
0-180	3375	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	2434	2434	2434
5	3047	2501	2145
15	4732	2864	2087
25	7320	3220	2216
35	7389	2725	1887
45	4598	2279	1739
55	3140	2257	1761
65	2760	2516	1736
75	2738	2759	1485
85	3116	2509	454

LUMINAIRE SECTION

LEDALITE

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