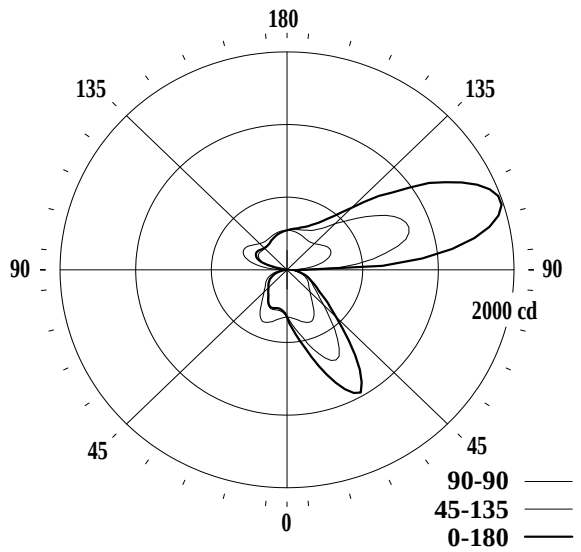
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83548WN04D**
Lamp Type:	LED	**Description:**	EYELINE WALL STD 4800LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4809 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 115.6
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL42 F39392Color S07019-4

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	432	432	432	432	432	
5	541	503	442	394	381	44
15	824	701	492	380	363	157
25	1210	918	519	372	366	294
35	1118	776	398	292	286	329
45	611	458	287	232	231	267
55	346	297	231	196	194	222
65	233	224	191	153	147	184
75	153	147	129	90	83	123
85	81	63	41	13	12	51
90	142	142	11	3	5	
95	1196	619	160	8	5	337
105	1930	1085	359	197	178	680
115	1849	1106	424	277	301	708
125	1315	851	389	286	307	532
135	805	601	340	276	284	348
145	546	452	325	284	284	235
155	443	402	336	310	308	165
165	396	382	352	335	334	102
175	374	370	362	356	355	35
180	363	363	363	363	363	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1300.2	30.0
Direct: Peak Candela & Angle (180deg)			431.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		2.00	1.41	1.15
Indirect: Peak Candela & Angle			1983.1	107.5
Indirect: Zenith Candela, Peak to Zenith			362.6	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	1.086
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	41.6	0.348	5.5	0.997
277V: P(W), I(A), THD(%), PF	40.9	0.151	9.5	0.975
347V: P(W), I(A), THD(%), PF	40.5	0.119	8.0	0.981

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	495	10.3%	10.3%
0-40	824	17.1%	17.1%
0-60	1312	27.3%	27.3%
0-90	1669	34.7%	34.7%
90-130	2257	46.9%	46.9%
90-150	2840	59.0%	59.0%
90-180	3141	65.3%	65.3%
0-180	4809	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	3469	3469	3469
5	4343	3564	3057
15	6744	4082	2974
25	10433	4589	3158
35	10530	3884	2689
45	6552	3248	2478
55	4475	3216	2510
65	3933	3585	2474
75	3902	3933	2117
85	4441	3576	646

LUMINAIRE SECTION

LEDALITE

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