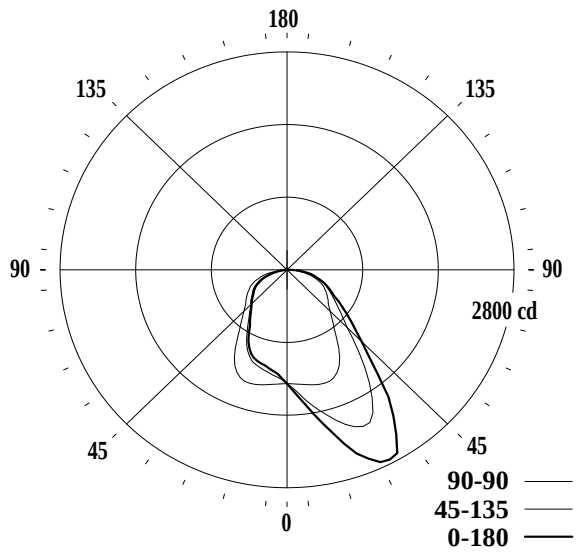
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83548WJ04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 100%DN 4800LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4311 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 103.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL42 F39392Color S07017-4

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1462	1462	1462	1462	1462	
5	1641	1587	1474	1383	1339	144
15	2166	1936	1524	1300	1244	462
25	2726	2220	1458	1148	1104	761
35	2287	1771	1064	836	797	792
45	1301	1053	753	634	617	648
55	834	736	609	521	504	558
65	575	552	495	406	377	470
75	380	373	327	237	202	314
85	169	168	95	29	20	103
90	53	34	5	2	2	
95	9	6	4	4	3	8
105	10	7	5	12	18	10
115	12	8	5	12	19	10
125	13	9	5	12	18	9
135	14	10	5	10	17	8
145	14	9	6	9	16	6
155	13	9	7	10	14	5
165	12	10	9	10	13	3
175	11	10	10	10	11	1
180	10	10	10	10	10	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2747.9	27.5
Direct: Peak Candela & Angle (180deg)			1461.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.72	1.26	1.03
Indirect: Peak Candela & Angle			52.7	90.0
Indirect: Zenith Candela, Peak to Zenith			10.2	5.16
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	1.098
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	119	119	119	119	116	116	116	110	110	110	99
1	108	104	99	96	106	101	97	97	94	91	83
2	99	91	84	78	96	89	83	85	80	75	69
3	91	80	72	66	88	79	71	75	69	64	59
4	83	72	63	56	81	70	62	67	61	55	51
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	53	44	38	64	52	44	51	43	38	35
8	62	49	40	35	60	48	40	46	39	34	32
9	58	45	37	31	56	44	36	43	36	31	29
10	54	41	34	29	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1367	31.7%	31.7%
0-40	2158	50.1%	50.1%
0-60	3365	78.1%	78.1%
0-90	4252	98.6%	98.6%
90-130	37	0.9%	0.9%
90-150	50	1.2%	1.2%
90-180	59	1.4%	1.4%
0-180	4311	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11740	11740	11740
5	13165	11881	10738
15	17731	12653	10183
25	23510	12894	9520
35	21534	10398	7505
45	13954	8507	6617
55	10773	8460	6516
65	9708	9302	6358
75	9676	9969	5150
85	9300	8235	1119

LUMINAIRE SECTION

LEDALITE

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