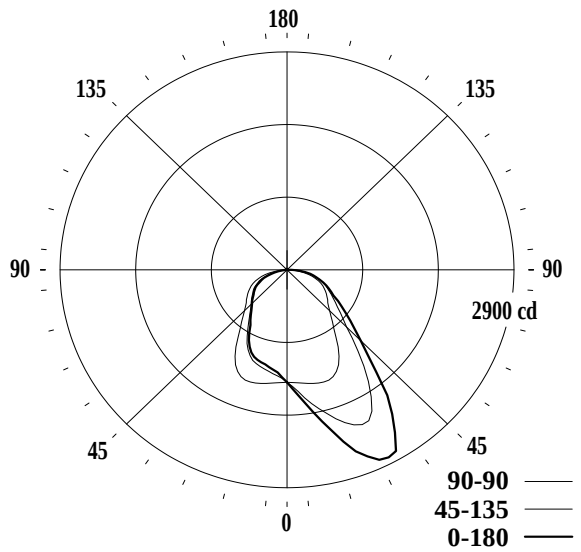
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL84048WJ04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 100%DN 4800LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4413 lm 100.0%
Input Watts:	120 VAC 41.4	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 106.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL42 F39393Color S07017-7

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1496	1496	1496	1496	1496	
5	1680	1624	1509	1416	1370	148
15	2217	1982	1560	1330	1273	473
25	2790	2273	1493	1176	1130	779
35	2341	1813	1089	855	816	810
45	1332	1078	771	649	631	664
55	854	753	623	534	516	572
65	589	565	507	415	386	481
75	389	382	335	243	207	322
85	173	172	97	30	21	105
90	54	35	6	2	2	
95	9	7	4	4	4	8
105	11	7	5	12	18	10
115	12	9	5	12	19	10
125	13	9	5	12	18	9
135	14	10	5	10	18	8
145	14	9	6	9	16	6
155	13	9	7	10	15	5
165	12	10	9	11	13	3
175	11	10	10	11	11	1
180	11	11	11	11	11	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2812.9	27.5
Direct: Peak Candela & Angle (180deg)			1496.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.72	1.26	1.03
Indirect: Peak Candela & Angle			54.0	90.0
Indirect: Zenith Candela, Peak to Zenith			10.5	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	1.124
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	41.4	0.346	5.5	0.997
277V: P(W), I(A), THD(%), PF	40.7	0.150	9.5	0.975
347V: P(W), I(A), THD(%), PF	40.3	0.118	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	1399	31.7%	31.7%
0-40	2210	50.1%	50.1%
0-60	3445	78.1%	78.1%
0-90	4353	98.6%	98.6%
90-130	38	0.9%	0.9%
90-150	52	1.2%	1.2%
90-180	60	1.4%	1.4%
0-180	4413	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	12018	12018	12018
5	13477	12162	10993
15	18151	12953	10425
25	24066	13200	9745
35	22044	10644	7683
45	14285	8708	6773
55	11028	8660	6671
65	9938	9522	6508
75	9905	10205	5272
85	9520	8430	1146

LUMINAIRE SECTION

LEDALITE

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