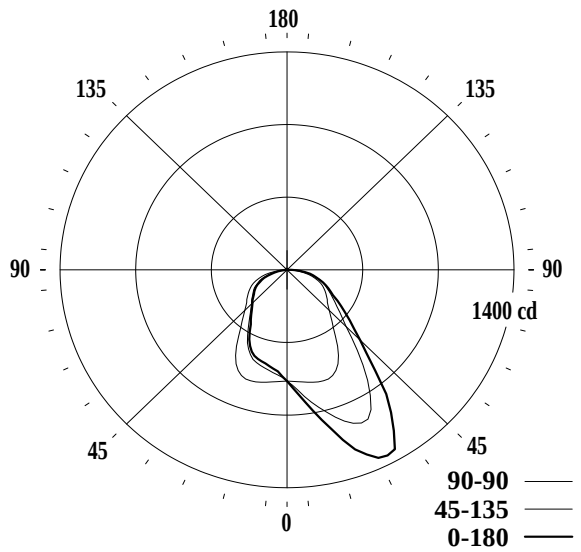
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL84024WJ04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 100%DN 2400LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2108 lm 100.0%
Input Watts:	120 VAC 18.1	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 116.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL48 F39393Color S07017-9

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	715	715	715	715	715	
5	803	776	721	677	655	71
15	1059	947	745	636	608	226
25	1333	1086	713	562	540	372
35	1118	866	521	409	390	387
45	636	515	368	310	302	317
55	408	360	298	255	247	273
65	281	270	242	199	184	230
75	186	182	160	116	99	154
85	83	82	46	14	10	50
90	26	17	3	1	1	
95	5	3	2	2	2	4
105	5	4	2	6	9	5
115	6	4	2	6	9	5
125	6	5	2	6	9	5
135	7	5	2	5	8	4
145	7	4	3	4	8	3
155	6	4	4	5	7	2
165	6	5	5	5	6	1
175	5	5	5	5	5	1
180	5	5	5	5	5	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1343.9	27.5
Direct: Peak Candela & Angle (180deg)			714.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.72	1.26	1.03
Indirect: Peak Candela & Angle			25.8	90.0
Indirect: Zenith Candela, Peak to Zenith			5.0	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	0.537
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	18.1	0.151	9.0	0.994
277V: P(W), I(A), THD(%), PF	18.2	0.069	15.0	0.959
347V: P(W), I(A), THD(%), PF	18.8	0.056	15.0	0.965

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	668	31.7%	31.7%
0-40	1056	50.1%	50.1%
0-60	1646	78.1%	78.1%
0-90	2080	98.6%	98.6%
90-130	18	0.9%	0.9%
90-150	25	1.2%	1.2%
90-180	29	1.4%	1.4%
0-180	2108	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	5742	5742	5742
5	6439	5811	5252
15	8672	6188	4980
25	11498	6306	4656
35	10532	5085	3671
45	6825	4160	3236
55	5269	4138	3187
65	4748	4549	3109
75	4732	4876	2519
85	4548	4027	547

LUMINAIRE SECTION

LEDALITE

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