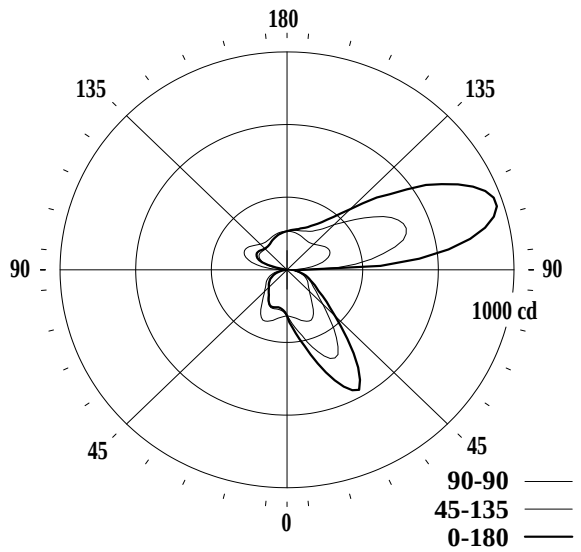
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL84024WN04D**
Lamp Type:	LED	**Description:**	EYELINE WALL STD 2400LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2352 lm 100.0%
Input Watts:	120 VAC 18.1	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 129.9
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL48 F39393Color S07019-9

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	211	211	211	211	211	
5	265	246	216	192	186	22
15	403	343	240	186	178	77
25	591	449	254	182	179	144
35	547	379	194	143	140	161
45	299	224	141	113	113	130
55	169	145	113	96	95	108
65	114	109	93	75	72	90
75	75	72	63	44	41	60
85	39	31	20	6	6	25
90	70	69	5	2	2	
95	585	303	78	4	3	165
105	943	530	175	96	87	333
115	904	541	207	136	147	346
125	643	416	190	140	150	260
135	394	294	166	135	139	170
145	267	221	159	139	139	115
155	216	197	164	151	150	81
165	194	187	172	164	163	50
175	183	181	177	174	173	17
180	177	177	177	177	177	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			635.7	30.0
Direct: Peak Candela & Angle (180deg)			211.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		2.00	1.41	1.15
Indirect: Peak Candela & Angle			969.7	107.5
Indirect: Zenith Candela, Peak to Zenith			177.3	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	0.531
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	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	242	10.3%	10.3%
0-40	403	17.1%	17.1%
0-60	642	27.3%	27.3%
0-90	816	34.7%	34.7%
90-130	1103	46.9%	46.9%
90-150	1388	59.0%	59.0%
90-180	1536	65.3%	65.3%
0-180	2352	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	1696	1696	1696
5	2123	1743	1495
15	3298	1996	1454
25	5101	2244	1544
35	5149	1899	1315
45	3204	1588	1212
55	2188	1572	1227
65	1923	1753	1210
75	1908	1923	1035
85	2171	1748	316

LUMINAIRE SECTION

LEDALITE

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