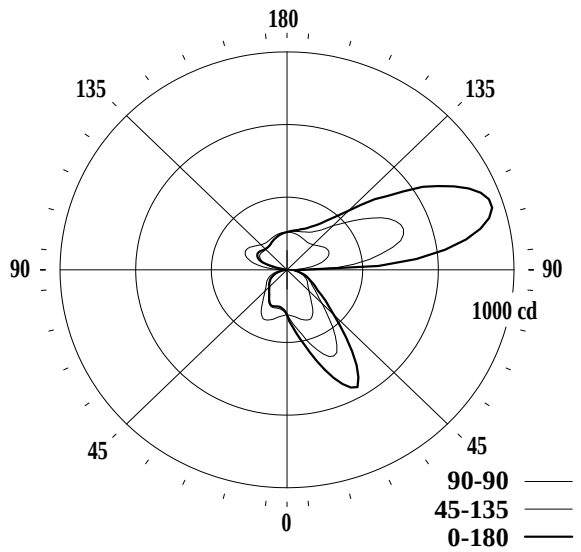
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83524WN04D**
Lamp Type:	LED	**Description:**	EYELINE WALL STD 2400LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2298 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 126.3
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL48 F39392Color S07019-6

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	206	206	206	206	206	
5	259	240	211	188	182	21
15	394	335	235	182	174	75
25	578	439	248	178	175	141
35	534	371	190	140	136	157
45	292	219	137	111	110	127
55	166	142	111	94	93	106
65	111	107	91	73	70	88
75	73	70	62	43	40	59
85	39	30	20	6	6	24
90	68	68	5	2	2	
95	572	296	76	4	3	161
105	922	518	171	94	85	325
115	884	529	203	132	144	338
125	629	407	186	137	147	254
135	385	287	163	132	136	166
145	261	216	155	136	136	112
155	212	192	160	148	147	79
165	189	182	168	160	160	49
175	179	177	173	170	169	17
180	173	173	173	173	173	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			621.3	30.0
Direct: Peak Candela & Angle (180deg)			206.4	0.0
Spacing Criteria (0deg, 90deg, 180deg)		2.00	1.41	1.15
Indirect: Peak Candela & Angle			947.7	107.5
Indirect: Zenith Candela, Peak to Zenith			173.3	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	0.519
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	18.2	0.152	9.0	0.994
277V: P(W), I(A), THD(%), PF	18.3	0.069	15.0	0.959
347V: P(W), I(A), THD(%), PF	18.9	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	237	10.3%	10.3%
0-40	394	17.1%	17.1%
0-60	627	27.3%	27.3%
0-90	798	34.7%	34.7%
90-130	1079	46.9%	46.9%
90-150	1357	59.0%	59.0%
90-180	1501	65.3%	65.3%
0-180	2298	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	1658	1658	1658
5	2075	1703	1461
15	3223	1951	1421
25	4986	2193	1509
35	5032	1856	1285
45	3131	1552	1184
55	2139	1537	1199
65	1880	1713	1182
75	1865	1879	1012
85	2122	1709	309

LUMINAIRE SECTION

LEDALITE

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