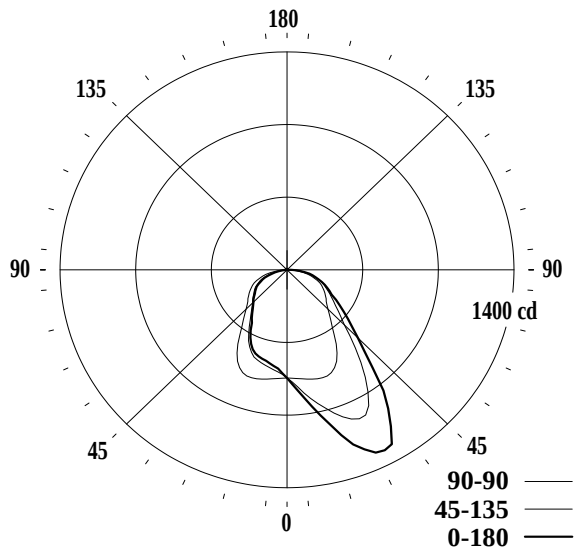
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL93524WJ04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 100%DN 2400LM 935
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2050 lm 100.0%
Input Watts:	120 VAC 22.1	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 92.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL57 F39373ColorU S07017-C

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	695	695	695	695	695	
5	780	754	701	658	636	69
15	1030	921	724	618	591	220
25	1296	1056	693	546	525	362
35	1087	842	506	397	379	376
45	618	501	358	302	293	308
55	397	350	289	248	240	265
65	274	262	235	193	179	224
75	181	177	156	113	96	149
85	80	80	45	14	10	49
90	25	16	3	1	1	
95	4	3	2	2	2	4
105	5	3	2	6	8	5
115	6	4	2	6	9	5
125	6	4	2	6	9	4
135	7	5	2	5	8	4
145	7	4	3	4	7	3
155	6	4	3	5	7	2
165	6	5	4	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)			1306.4	27.5
Direct: Peak Candela & Angle (180deg)			694.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.72	1.26	1.03
Indirect: Peak Candela & Angle			25.1	90.0
Indirect: Zenith Candela, Peak to Zenith			4.9	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	0.522
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4063	0.3876	3452	0.0016
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	22.1	0.184	10.8	0.990
277V: P(W), I(A), THD(%), PF	22.3	0.086	16.5	0.932
347V: P(W), I(A), THD(%), PF	22.2	0.067	14.0	0.948

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	650	31.7%	31.7%
0-40	1026	50.1%	50.1%
0-60	1600	78.1%	78.1%
0-90	2022	98.6%	98.6%
90-130	17	0.9%	0.9%
90-150	24	1.2%	1.2%
90-180	28	1.4%	1.4%
0-180	2050	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	5582	5582	5582
5	6259	5648	5105
15	8430	6015	4841
25	11177	6130	4526
35	10238	4943	3568
45	6634	4044	3146
55	5122	4022	3098
65	4615	4422	3023
75	4600	4739	2448
85	4421	3915	532

LUMINAIRE SECTION

LEDALITE

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