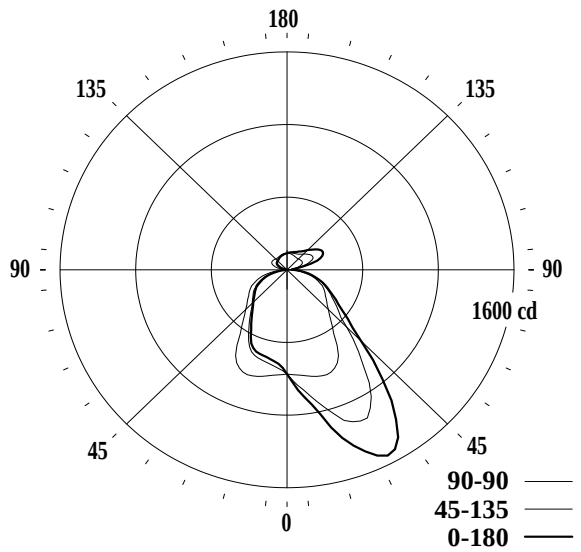
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL93534WG04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 80%DN 3400LM 935
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2994 lm 100.0%
Input Watts:	120 VAC 33.4	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 89.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL54 F39373ColorU S07018-B

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	765	765	765	765	765	
5	886	850	775	725	693	76
15	1197	1051	810	686	651	247
25	1505	1225	795	624	596	417
35	1339	1010	575	463	435	443
45	739	596	412	348	337	362
55	442	407	330	290	275	307
65	315	303	274	225	206	257
75	204	214	181	132	120	172
85	99	91	63	19	15	59
90	41	30	6	1	1	
95	39	34	22	2	2	23
105	173	125	85	35	22	84
115	280	202	119	77	64	137
125	261	195	121	93	86	131
135	206	162	113	96	93	102
145	164	140	111	100	100	76
155	145	132	114	106	108	55
165	134	128	120	114	114	34
175	127	124	122	120	119	12
180	122	122	122	122	122	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1537.4	27.5
Direct: Peak Candela & Angle (180deg)			765.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.80	1.29	1.05
Indirect: Peak Candela & Angle			284.1	117.5
Indirect: Zenith Candela, Peak to Zenith			122.0	2.33
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	0.759
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	33.4	0.278	7.0	0.996
277V: P(W), I(A), THD(%), PF	33.1	0.124	12.5	0.965
347V: P(W), I(A), THD(%), PF	33.0	0.098	10.0	0.973

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	114	114	114	114	109	109	109	99	99	99	78
1	104	99	95	91	99	95	91	87	84	81	65
2	95	87	80	75	90	83	77	76	71	67	55
3	87	77	69	63	82	73	66	67	62	57	47
4	79	68	60	53	76	65	58	60	54	49	40
5	73	61	53	46	70	59	51	54	48	43	35
6	68	55	47	41	64	53	45	49	42	37	31
7	63	50	42	36	60	48	40	45	38	33	28
8	58	46	38	32	56	44	37	41	34	30	25
9	55	42	34	29	52	40	33	38	31	27	23
10	51	39	31	26	49	37	30	35	29	24	20

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	740	24.7%	24.7%
0-40	1183	39.5%	39.5%
0-60	1852	61.9%	61.9%
0-90	2340	78.2%	78.2%
90-130	375	12.5%	12.5%
90-150	553	18.5%	18.5%
90-180	654	21.8%	21.8%
0-180	2994	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6145	6145	6145
5	7111	6242	5559
15	9795	6723	5329
25	12979	7029	5144
35	12613	5619	4101
45	7927	4655	3615
55	5712	4585	3557
65	5316	5156	3471
75	5200	5523	3054
85	5450	5487	811

LUMINAIRE SECTION

LEDALITE

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