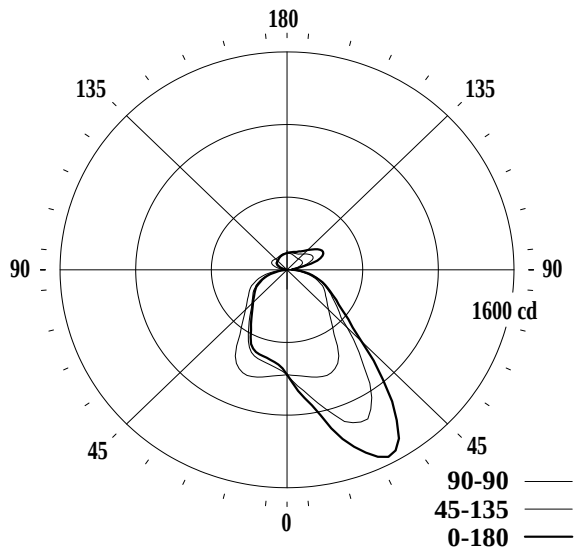
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83034WG04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 80%DN 3400LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3014 lm 100.0%
Input Watts:	120 VAC 27.8	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 108.4
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL45 F39411Color S07018-2

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	770	770	770	770	770	
5	892	855	780	730	698	77
15	1204	1058	815	690	655	249
25	1515	1233	800	629	600	419
35	1348	1017	579	466	438	446
45	744	600	415	350	339	364
55	445	410	332	292	277	309
65	317	305	276	226	207	259
75	206	216	183	133	121	174
85	100	91	63	19	15	59
90	42	30	6	1	1	
95	39	34	22	2	2	23
105	174	126	86	35	22	85
115	282	203	120	78	64	138
125	263	196	121	93	87	131
135	207	163	114	97	93	102
145	166	141	111	101	100	77
155	146	133	115	107	108	56
165	134	129	120	115	114	35
175	127	125	123	121	120	12
180	123	123	123	123	123	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1547.6	27.5
Direct: Peak Candela & Angle (180deg)			770.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.80	1.29	1.05
Indirect: Peak Candela & Angle			286.0	117.5
Indirect: Zenith Candela, Peak to Zenith			122.9	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	0.764
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4343	0.4018	3027	0.0006
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	27.8	0.233	8.0	0.995
277V: P(W), I(A), THD(%), PF	27.7	0.105	12.5	0.954
347V: P(W), I(A), THD(%), PF	27.4	0.082	11.6	0.964

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	745	24.7%	24.7%
0-40	1191	39.5%	39.5%
0-60	1864	61.9%	61.9%
0-90	2355	78.2%	78.2%
90-130	377	12.5%	12.5%
90-150	556	18.5%	18.5%
90-180	658	21.8%	21.8%
0-180	3014	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6185	6185	6185
5	7158	6284	5596
15	9860	6768	5364
25	13065	7075	5178
35	12696	5656	4128
45	7979	4686	3639
55	5750	4615	3581
65	5351	5190	3494
75	5234	5559	3074
85	5486	5524	817

LUMINAIRE SECTION

LEDALITE

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