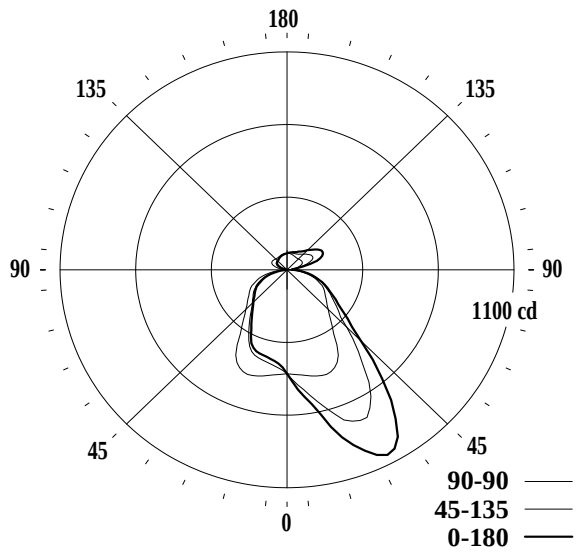
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL83024WG04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 80%DN 2400LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2051 lm 100.0%
Input Watts:	120 VAC 18.3	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 112.1
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL48 F39411Color S07018-3

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	524	524	524	524	524	
5	607	582	531	497	475	52
15	820	720	555	470	446	169
25	1031	839	545	428	409	285
35	918	692	394	317	298	304
45	506	408	282	238	231	248
55	303	279	226	199	189	211
65	216	208	188	154	141	176
75	140	147	124	90	82	118
85	68	62	43	13	10	40
90	28	20	4	1	1	
95	27	23	15	2	1	16
105	119	86	58	24	15	58
115	192	138	82	53	44	94
125	179	133	83	63	59	89
135	141	111	77	66	63	70
145	113	96	76	69	68	52
155	99	90	78	73	74	38
165	92	88	82	78	78	24
175	87	85	84	82	82	8
180	84	84	84	84	84	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1053.3	27.5
Direct: Peak Candela & Angle (180deg)			524.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.80	1.29	1.05
Indirect: Peak Candela & Angle			194.6	117.5
Indirect: Zenith Candela, Peak to Zenith			83.6	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	0.520
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	18.3	0.153	9.0	0.994
277V: P(W), I(A), THD(%), PF	18.4	0.069	15.0	0.959
347V: P(W), I(A), THD(%), PF	19.0	0.057	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	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	507	24.7%	24.7%
0-40	810	39.5%	39.5%
0-60	1269	61.9%	61.9%
0-90	1603	78.2%	78.2%
90-130	257	12.5%	12.5%
90-150	379	18.5%	18.5%
90-180	448	21.8%	21.8%
0-180	2051	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	4210	4210	4210
5	4872	4277	3809
15	6711	4606	3651
25	8892	4816	3524
35	8641	3850	2810
45	5431	3189	2477
55	3914	3141	2437
65	3642	3532	2378
75	3562	3784	2092
85	3734	3759	556

LUMINAIRE SECTION

LEDALITE

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