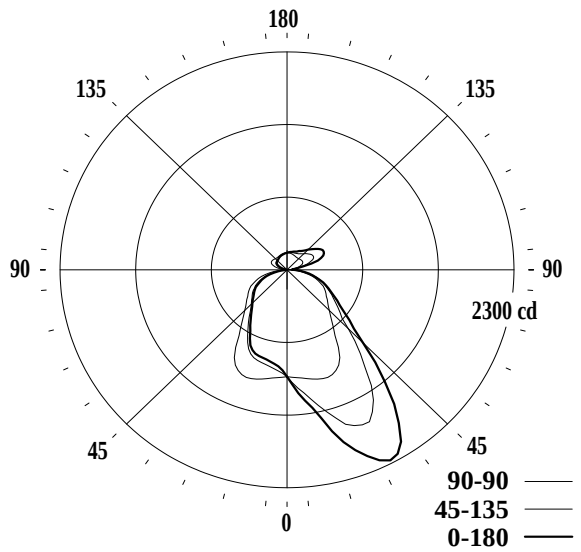
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxWL84048WG04D**
Lamp Type:	LED	**Description:**	EYELINE WALL 80%DN 4800LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4414 lm 100.0%
Input Watts:	120 VAC 41.4	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 106.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL42 F39393Color S07018-7

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1128	1128	1128	1128	1128	
5	1307	1253	1142	1069	1022	112
15	1764	1550	1194	1011	960	365
25	2218	1806	1172	921	879	614
35	1975	1489	848	683	642	653
45	1089	879	607	513	497	533
55	652	600	486	427	406	453
65	464	447	404	331	303	379
75	301	316	267	194	177	254
85	146	133	93	28	22	87
90	61	44	9	2	2	
95	57	50	32	3	3	34
105	255	184	126	52	33	124
115	413	297	175	114	94	203
125	385	287	178	136	127	192
135	303	239	167	142	136	150
145	242	207	163	148	147	112
155	213	194	169	156	159	82
165	197	189	176	168	167	51
175	187	183	180	177	176	17
180	180	180	180	180	180	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2266.6	27.5
Direct: Peak Candela & Angle (180deg)			1127.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.80	1.29	1.05
Indirect: Peak Candela & Angle			418.8	117.5
Indirect: Zenith Candela, Peak to Zenith			179.9	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	1.119
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3843	0.3818	3934	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	41.4	0.346	5.5	0.997
277V: P(W), I(A), THD(%), PF	40.7	0.150	9.5	0.975
347V: P(W), I(A), THD(%), PF	40.3	0.118	8.0	0.981

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	1091	24.7%	24.7%
0-40	1744	39.5%	39.5%
0-60	2730	61.9%	61.9%
0-90	3450	78.2%	78.2%
90-130	553	12.5%	12.5%
90-150	815	18.5%	18.5%
90-180	964	21.8%	21.8%
0-180	4414	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	9059	9059	9059
5	10483	9203	8196
15	14441	9912	7856
25	19135	10363	7584
35	18595	8284	6046
45	11687	6863	5330
55	8422	6760	5245
65	7837	7601	5118
75	7666	8142	4502
85	8035	8090	1196

LUMINAIRE SECTION

LEDALITE

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