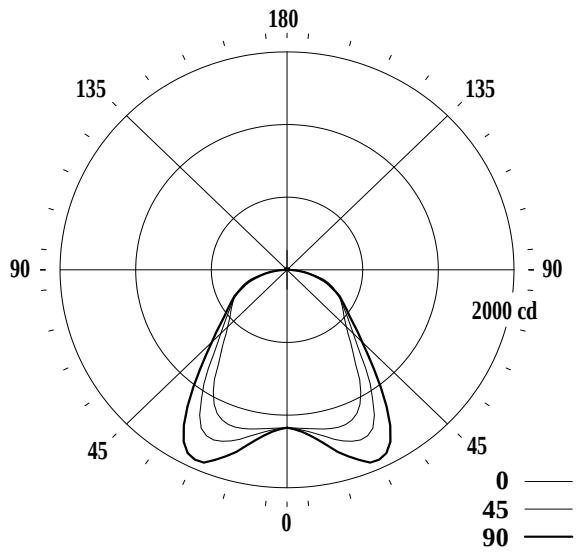
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL84048QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 4800LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4261 lm 100.0%
Input Watts:	120 VAC 35.6	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 119.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL27 F39393Color S07009-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1448	1448	1448	1448	1448	
5	1460	1467	1475	1495	1491	143
15	1507	1542	1610	1711	1731	460
25	1456	1488	1681	1841	1922	760
35	1053	1044	1278	1401	1529	782
45	740	731	825	843	937	634
55	596	590	613	614	644	547
65	480	468	471	456	471	462
75	328	293	303	275	287	309
85	106	82	97	78	96	101
90	4	9	16	20	21	
95	4	5	5	6	6	8
105	5	7	10	13	14	10
115	5	8	11	14	16	11
125	5	8	12	14	16	10
135	5	7	11	14	16	8
145	6	7	10	14	15	7
155	8	8	10	13	14	5
165	9	10	11	12	12	3
175	10	10	11	11	11	1
180	10	10	10	10	10	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1514.1	17.5
Direct: Peak Candela & Angle (90deg)			1922.4	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			21.0	90.0
Indirect: Zenith Candela, Peak to Zenith			10.4	2.03
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				21.1
Ballast Factor, Multiplication Factor			1.000	1.035
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.3843	0.3818	3934	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	35.6	0.298	6.2	0.997
277V: P(W), I(A), THD(%), PF	35.2	0.131	11.8	0.968
347V: P(W), I(A), THD(%), PF	34.8	0.102	10.0	0.976

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	79	96	89	83	85	80	75	69
3	91	80	72	66	88	79	71	75	69	64	59
4	83	72	63	57	81	70	62	68	61	55	51
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	50	43	69	57	49	55	48	43	40
7	66	53	45	39	65	52	44	51	43	38	35
8	62	49	40	35	60	48	40	47	39	34	32
9	58	45	37	31	56	44	37	43	36	31	29
10	54	42	34	29	53	41	34	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1363	32.0%	32.0%
0-40	2145	50.3%	50.3%
0-60	3326	78.1%	78.1%
0-90	4198	98.5%	98.5%
90-130	39	0.9%	0.9%
90-150	54	1.3%	1.3%
90-180	63	1.5%	1.5%
0-180	4261	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4208	4208	4208
5	4255	4293	4339
15	4528	4819	5176
25	4655	5341	6102
35	3720	4474	5343
45	3024	3329	3769
55	2995	3024	3164
65	3264	3116	3095
75	3617	3181	2984
85	3339	2659	2573

LUMINAIRE SECTION

LEDALITE

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