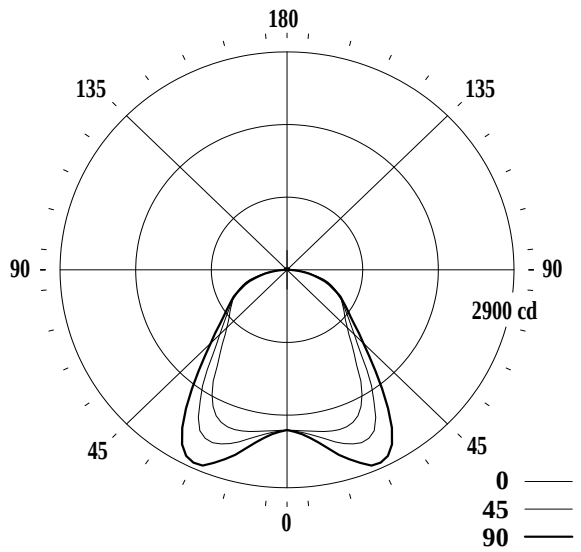
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL84068QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 6800LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6274 lm 100.0%
Input Watts:	120 VAC 53.8	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 116.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL24 F39393Color S07009-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2133	2133	2133	2133	2133	
5	2149	2161	2171	2201	2195	211
15	2220	2271	2371	2519	2549	678
25	2143	2191	2475	2711	2831	1119
35	1550	1537	1882	2062	2251	1151
45	1089	1076	1215	1241	1379	933
55	877	869	902	903	948	806
65	707	689	694	671	693	680
75	483	432	446	405	423	454
85	156	120	143	114	141	149
90	5	13	24	30	31	
95	6	8	8	8	9	12
105	7	11	15	19	21	15
115	7	12	17	21	23	16
125	7	11	17	21	24	15
135	8	10	16	21	23	12
145	9	11	15	20	22	10
155	11	12	15	19	20	7
165	14	15	15	17	18	5
175	15	15	15	16	16	2
180	15	15	15	15	15	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2229.5	17.5
Direct: Peak Candela & Angle (90deg)			2830.7	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			30.9	90.0
Indirect: Zenith Candela, Peak to Zenith			15.2	2.03
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				22.5
Ballast Factor, Multiplication Factor			1.000	1.524
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	53.8	0.444	5.5	0.997
277V: P(W), I(A), THD(%), PF	53.0	0.195	10.5	0.977
347V: P(W), I(A), THD(%), PF	51.9	0.152	8.2	0.982

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	2008	32.0%	32.0%
0-40	3158	50.3%	50.3%
0-60	4898	78.1%	78.1%
0-90	6181	98.5%	98.5%
90-130	57	0.9%	0.9%
90-150	79	1.3%	1.3%
90-180	92	1.5%	1.5%
0-180	6274	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6196	6196	6196
5	6265	6322	6390
15	6667	7096	7622
25	6854	7864	8985
35	5477	6588	7868
45	4453	4902	5549
55	4410	4452	4659
65	4806	4588	4558
75	5325	4683	4393
85	4917	3916	3788

LUMINAIRE SECTION

LEDALITE

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