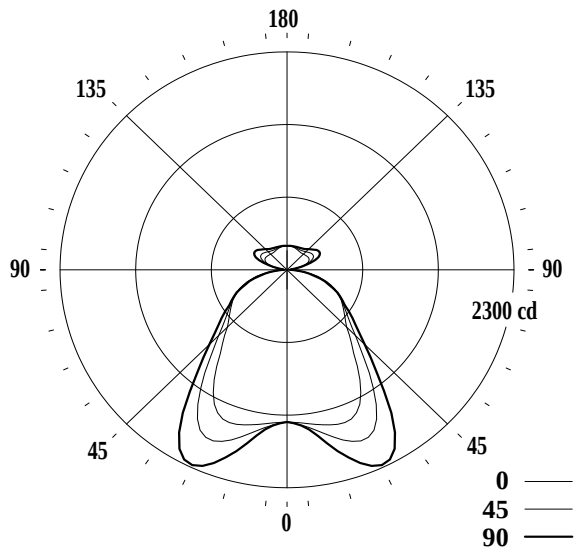
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL84068QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 6800LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6279 lm 100.0%
Input Watts:	120 VAC 53.8	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 116.7
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL24 F39393Color S07007-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1606	1606	1606	1606	1606	
5	1621	1634	1644	1675	1649	160
15	1694	1745	1827	1960	1981	524
25	1664	1716	1950	2165	2274	886
35	1243	1245	1523	1670	1842	930
45	854	866	980	1030	1113	753
55	695	683	717	720	767	641
65	559	544	550	527	564	538
75	368	340	349	325	341	360
85	117	90	105	97	115	120
90	16	16	29	38	42	
95	52	31	38	35	40	47
105	178	154	171	170	196	177
115	247	254	291	335	363	288
125	249	267	302	349	366	273
135	234	245	270	303	309	212
145	229	234	251	270	274	159
155	238	239	248	259	262	115
165	248	249	252	256	257	71
175	253	253	254	254	255	24
180	254	254	254	254	254	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1714.3	20.0
Direct: Peak Candela & Angle (90deg)			2274.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			379.3	120.0
Indirect: Zenith Candela, Peak to Zenith			253.5	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				20.1
Ballast Factor, Multiplication Factor			1.000	1.519
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	114	114	114	114	109	109	109	99	99	99	78
1	104	99	95	91	99	95	91	87	84	81	66
2	95	87	80	75	90	83	77	76	72	68	55
3	87	77	69	63	82	74	67	67	62	57	47
4	80	68	60	54	76	65	58	60	54	49	41
5	73	61	53	46	70	59	51	54	48	43	35
6	68	55	47	41	65	53	45	49	43	38	31
7	63	50	42	36	60	48	41	45	38	33	28
8	59	46	38	32	56	44	37	41	35	30	25
9	55	42	34	29	52	41	33	38	32	27	23
10	51	39	31	26	49	37	30	35	29	25	21

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1570	25.0%	25.0%
0-40	2500	39.8%	39.8%
0-60	3894	62.0%	62.0%
0-90	4912	78.2%	78.2%
90-130	785	12.5%	12.5%
90-150	1156	18.4%	18.4%
90-180	1367	21.8%	21.8%
0-180	6279	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4666	4666	4666
5	4726	4786	4801
15	5087	5469	5923
25	5323	6197	7218
35	4391	5332	6438
45	3492	3952	4479
55	3495	3537	3768
65	3802	3635	3709
75	4056	3667	3550
85	3695	2897	3071

LUMINAIRE SECTION

LEDALITE

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