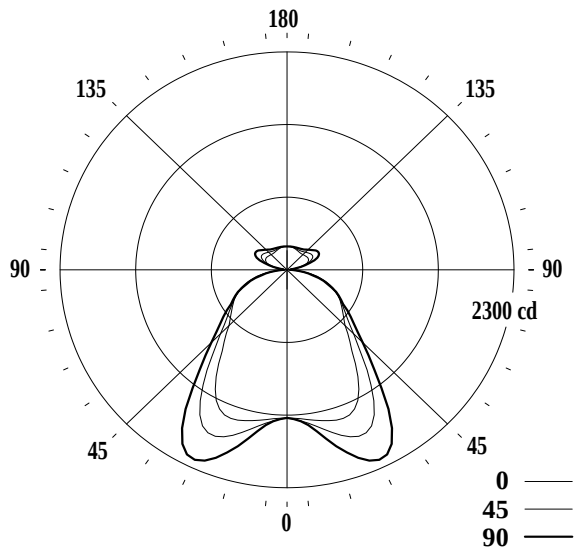
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83068QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 6800LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6109 lm 100.0%
Input Watts:	120 VAC 54.3	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 112.5
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL24 F39411Color S07007-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1563	1563	1563	1563	1563	
5	1577	1590	1600	1630	1605	155
15	1648	1698	1778	1908	1927	510
25	1619	1670	1898	2107	2213	862
35	1209	1212	1482	1625	1793	905
45	831	843	954	1002	1083	733
55	676	664	698	700	746	623
65	544	529	535	513	549	524
75	358	330	340	316	332	350
85	114	88	103	95	111	117
90	16	16	28	37	40	
95	50	31	37	34	39	46
105	173	150	166	166	190	172
115	240	247	283	326	353	281
125	242	260	293	339	357	266
135	227	239	263	295	301	206
145	223	227	244	263	267	154
155	231	233	241	252	255	112
165	242	242	245	249	250	70
175	247	247	247	248	248	24
180	247	247	247	247	247	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1668.1	20.0
Direct: Peak Candela & Angle (90deg)			2212.7	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			369.1	120.0
Indirect: Zenith Candela, Peak to Zenith			246.7	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				20.0
Ballast Factor, Multiplication Factor			1.000	1.478
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.4343	0.4018	3027	0.0006
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	54.3	0.448	5.5	0.997
277V: P(W), I(A), THD(%), PF	53.5	0.197	10.5	0.977
347V: P(W), I(A), THD(%), PF	52.4	0.153	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	1528	25.0%	25.0%
0-40	2432	39.8%	39.8%
0-60	3789	62.0%	62.0%
0-90	4779	78.2%	78.2%
90-130	764	12.5%	12.5%
90-150	1125	18.4%	18.4%
90-180	1330	21.8%	21.8%
0-180	6109	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4540	4540	4540
5	4598	4657	4671
15	4950	5321	5763
25	5179	6030	7023
35	4273	5188	6265
45	3397	3846	4358
55	3401	3441	3666
65	3700	3537	3609
75	3947	3568	3454
85	3595	2819	2988

LUMINAIRE SECTION

LEDALITE

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