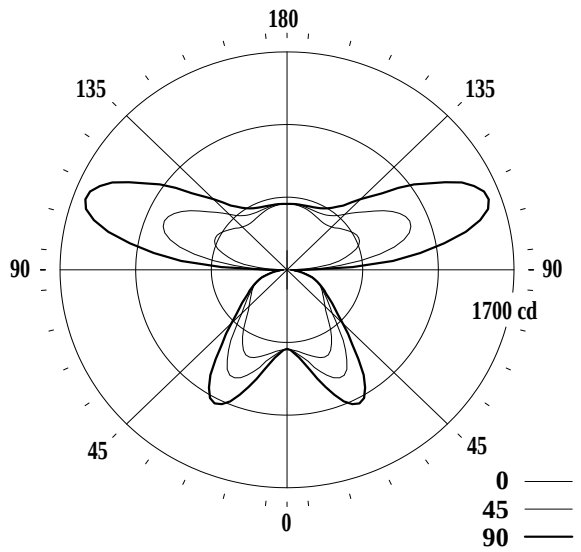
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83568QN04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED STD 6800LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6805 lm 100.0%
Input Watts:	120 VAC 54.0	**Up/Dn Ratio, Efficacy (lm/W):**	65% Up / 35% Dn 126.0
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	EL24 F39392Color S07006-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	617	617	617	617	617	
5	632	637	643	662	656	64
15	694	729	787	876	881	228
25	732	781	930	1093	1156	425
35	570	593	764	882	1001	469
45	402	407	479	528	589	375
55	326	324	350	357	382	313
65	271	256	262	255	271	259
75	182	168	170	154	164	174
85	62	47	57	55	65	73
90	30	41	72	118	137	
95	223	215	401	593	797	450
105	497	564	906	1253	1498	961
115	592	687	981	1387	1547	1010
125	540	619	800	1089	1163	755
135	473	518	614	749	780	491
145	456	475	521	577	592	333
155	475	482	503	528	534	234
165	499	501	510	516	519	144
175	513	513	515	516	516	49
180	514	514	514	514	514	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			736.5	22.5
Direct: Peak Candela & Angle (90deg)			1174.8	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.41	1.75	N/A
Indirect: Peak Candela & Angle			1607.9	110.0
Indirect: Zenith Candela, Peak to Zenith			514.3	3.13
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				13.7
Ballast Factor, Multiplication Factor			1.000	1.457
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.4092	0.3939	3441	0.0005
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	54.0	0.445	5.5	0.997
277V: P(W), I(A), THD(%), PF	53.2	0.196	10.5	0.977
347V: P(W), I(A), THD(%), PF	52.1	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	104	104	104	104	94	94	94	75	75	75	35
1	94	90	86	83	85	81	78	65	63	61	29
2	86	78	72	67	77	71	66	57	54	50	24
3	78	69	62	56	70	63	56	50	46	42	21
4	72	61	53	47	64	55	49	45	40	36	18
5	66	54	46	41	59	49	42	40	35	31	15
6	60	49	41	35	54	44	37	36	31	27	14
7	56	44	36	31	50	40	33	33	28	24	12
8	52	40	32	27	47	36	30	30	25	21	11
9	48	36	29	24	43	33	27	27	22	19	10
10	45	33	26	21	40	30	24	25	20	17	9

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	717	10.5%	10.5%
0-40	1186	17.4%	17.4%
0-60	1873	27.5%	27.5%
0-90	2379	35.0%	35.0%
90-130	3176	46.7%	46.7%
90-150	3999	58.8%	58.8%
90-180	4426	65.0%	65.0%
0-180	6805	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	1792	1792	1792
5	1841	1871	1909
15	2084	2355	2634
25	2341	2954	3670
35	2013	2673	3497
45	1644	1931	2368
55	1638	1729	1879
65	1846	1729	1780
75	2003	1780	1706
85	1965	1574	1750

LUMINAIRE SECTION

LEDALITE

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