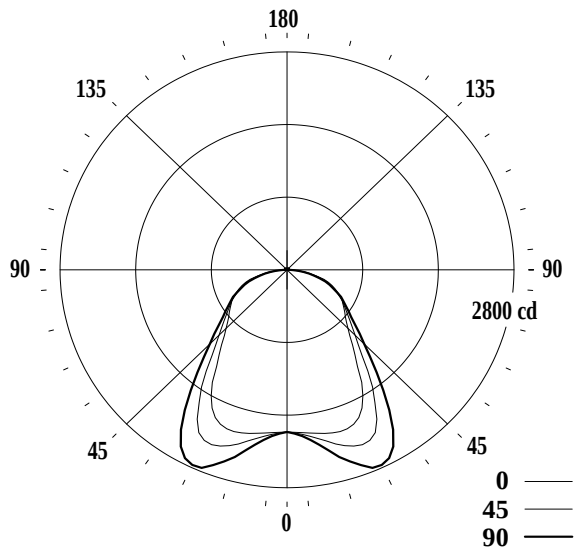
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83568QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 6800LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6129 lm 100.0%
Input Watts:	120 VAC 54.0	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 113.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL24 F39392Color S07009-4

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2084	2084	2084	2084	2084	
5	2100	2111	2121	2150	2145	206
15	2169	2219	2316	2462	2490	662
25	2094	2141	2418	2649	2766	1094
35	1514	1502	1839	2015	2200	1124
45	1064	1052	1188	1213	1348	912
55	857	849	882	883	926	788
65	690	673	678	656	677	665
75	472	422	436	395	413	444
85	153	117	139	112	138	146
90	5	13	23	29	30	
95	6	8	7	8	9	11
105	7	11	15	19	21	15
115	7	12	16	21	23	16
125	7	11	17	21	23	14
135	7	10	16	21	23	12
145	9	10	14	19	21	9
155	11	12	15	18	20	7
165	14	14	15	17	18	4
175	15	15	15	15	15	1
180	15	15	15	15	15	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2178.3	17.5
Direct: Peak Candela & Angle (90deg)			2765.7	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			30.2	90.0
Indirect: Zenith Candela, Peak to Zenith			14.9	2.03
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				22.4
Ballast Factor, Multiplication Factor			1.000	1.489
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	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	1961	32.0%	32.0%
0-40	3086	50.3%	50.3%
0-60	4785	78.1%	78.1%
0-90	6040	98.5%	98.5%
90-130	56	0.9%	0.9%
90-150	77	1.3%	1.3%
90-180	90	1.5%	1.5%
0-180	6129	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6053	6053	6053
5	6121	6177	6243
15	6514	6933	7447
25	6697	7683	8779
35	5351	6437	7687
45	4351	4790	5422
55	4308	4350	4552
65	4695	4482	4453
75	5203	4576	4292
85	4804	3826	3701

LUMINAIRE SECTION

LEDALITE

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