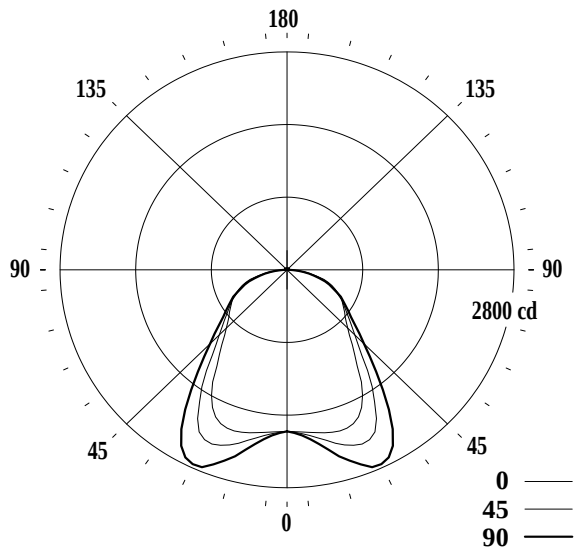
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83068QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 6800LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6105 lm 100.0%
Input Watts:	120 VAC 54.3	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 112.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL24 F39411Color S07009-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2075	2075	2075	2075	2075	
5	2092	2103	2113	2142	2136	205
15	2160	2210	2307	2452	2480	660
25	2086	2132	2408	2638	2755	1089
35	1508	1496	1831	2007	2191	1120
45	1060	1047	1183	1208	1342	908
55	853	846	878	879	922	784
65	688	670	675	653	675	662
75	470	420	434	394	411	442
85	152	117	139	111	138	145
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	15	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)			2169.5	17.5
Direct: Peak Candela & Angle (90deg)			2754.5	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			30.1	90.0
Indirect: Zenith Candela, Peak to Zenith			14.8	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	1.483
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	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	1954	32.0%	32.0%
0-40	3073	50.3%	50.3%
0-60	4766	78.1%	78.1%
0-90	6015	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	6105	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6029	6029	6029
5	6097	6152	6218
15	6487	6905	7417
25	6670	7652	8743
35	5330	6411	7656
45	4333	4770	5400
55	4291	4332	4534
65	4676	4464	4435
75	5182	4557	4275
85	4785	3811	3686

LUMINAIRE SECTION

LEDALITE

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