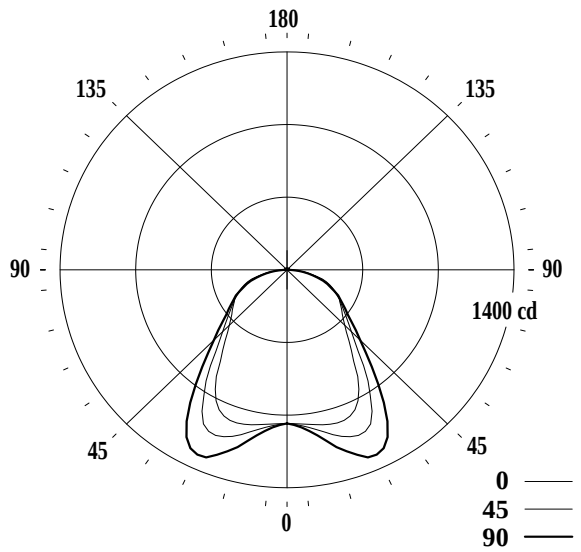
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83034QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 3400LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2902 lm 100.0%
Input Watts:	120 VAC 25.1	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 115.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL30 F39411Color S07009-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	987	987	987	987	987	
5	994	1000	1004	1018	1015	97
15	1027	1051	1097	1165	1179	314
25	991	1014	1145	1254	1310	518
35	717	711	871	954	1042	532
45	504	498	562	574	638	432
55	406	402	417	418	438	373
65	327	319	321	311	321	315
75	224	200	206	187	195	210
85	72	56	66	53	65	69
90	3	6	11	14	14	
95	3	4	4	4	4	5
105	3	5	7	9	10	7
115	3	6	8	10	11	7
125	3	5	8	10	11	7
135	4	5	7	10	11	6
145	4	5	7	9	10	4
155	5	6	7	9	9	3
165	6	7	7	8	8	2
175	7	7	7	7	7	1
180	7	7	7	7	7	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1031.3	17.5
Direct: Peak Candela & Angle (90deg)			1309.5	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			14.3	90.0
Indirect: Zenith Candela, Peak to Zenith			7.1	2.03
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				19.8
Ballast Factor, Multiplication Factor			1.000	0.705
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	25.1	0.210	9.0	0.993
277V: P(W), I(A), THD(%), PF	25.1	0.096	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.7	0.074	13.0	0.957

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	929	32.0%	32.0%
0-40	1461	50.3%	50.3%
0-60	2266	78.1%	78.1%
0-90	2860	98.5%	98.5%
90-130	27	0.9%	0.9%
90-150	37	1.3%	1.3%
90-180	43	1.5%	1.5%
0-180	2902	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2866	2866	2866
5	2898	2924	2956
15	3084	3282	3526
25	3171	3638	4156
35	2534	3048	3640
45	2060	2268	2567
55	2040	2060	2155
65	2223	2122	2108
75	2464	2166	2032
85	2275	1811	1752

LUMINAIRE SECTION

LEDALITE

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