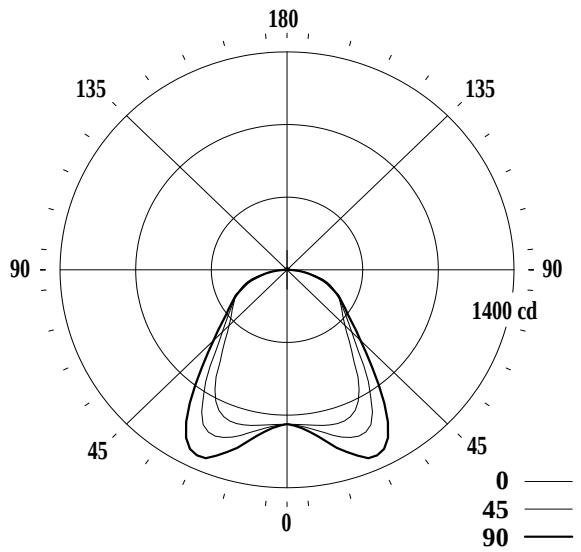
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83534QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 3400LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2914 lm 100.0%
Input Watts:	120 VAC 25.0	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 116.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL30 F39392Color S07009-6

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	991	991	991	991	991	
5	999	1004	1009	1022	1020	98
15	1031	1055	1101	1170	1184	315
25	996	1018	1150	1259	1315	520
35	720	714	874	958	1046	535
45	506	500	565	577	641	434
55	407	404	419	420	440	374
65	328	320	322	312	322	316
75	225	201	207	188	196	211
85	73	56	66	53	66	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	8
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	10	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)			1035.7	17.5
Direct: Peak Candela & Angle (90deg)			1315.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			14.4	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	0.708
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	25.0	0.210	9.0	0.993
277V: P(W), I(A), THD(%), PF	25.0	0.095	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.6	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	933	32.0%	32.0%
0-40	1467	50.3%	50.3%
0-60	2275	78.1%	78.1%
0-90	2872	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	2914	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2878	2878	2878
5	2911	2937	2968
15	3097	3296	3541
25	3184	3653	4174
35	2544	3061	3655
45	2069	2277	2578
55	2049	2068	2164
65	2233	2131	2117
75	2474	2176	2041
85	2284	1819	1760

LUMINAIRE SECTION

LEDALITE

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