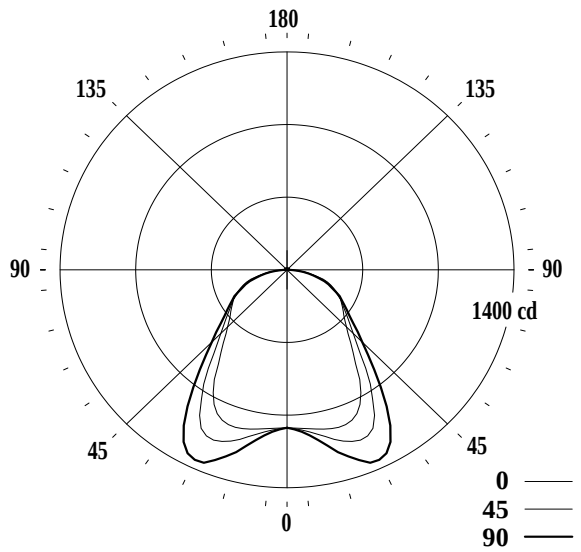
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL84034QJ04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 100%DN 3400LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2984 lm 100.0%
Input Watts:	120 VAC 24.9	**Up/Dn Ratio, Efficacy (lm/W):**	1% Up / 99% Dn 119.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	EL30 F39393Color S07009-9

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1015	1015	1015	1015	1015	
5	1023	1028	1033	1047	1044	100
15	1056	1080	1128	1199	1212	322
25	1020	1042	1177	1290	1347	532
35	737	731	895	981	1071	548
45	518	512	578	591	656	444
55	417	413	429	430	451	383
65	336	328	330	319	330	324
75	230	206	212	192	201	216
85	74	57	68	54	67	71
90	3	6	11	14	15	
95	3	4	4	4	4	6
105	3	5	7	9	10	7
115	4	6	8	10	11	8
125	3	5	8	10	11	7
135	4	5	8	10	11	6
145	4	5	7	9	10	5
155	5	6	7	9	10	3
165	7	7	7	8	9	2
175	7	7	7	7	8	1
180	7	7	7	7	7	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1060.6	17.5
Direct: Peak Candela & Angle (90deg)			1346.6	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.27	1.50	N/A
Indirect: Peak Candela & Angle			14.7	90.0
Indirect: Zenith Candela, Peak to Zenith			7.3	2.03
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				19.9
Ballast Factor, Multiplication Factor			1.000	0.725
DesignLights Consortium				Standard
x, y, CCT ,Duv	0.3843	0.3818	3934	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	24.9	0.209	9.0	0.993
277V: P(W), I(A), THD(%), PF	24.9	0.095	14.5	0.944
347V: P(W), I(A), THD(%), PF	24.5	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	955	32.0%	32.0%
0-40	1503	50.3%	50.3%
0-60	2330	78.1%	78.1%
0-90	2941	98.5%	98.5%
90-130	27	0.9%	0.9%
90-150	38	1.3%	1.3%
90-180	44	1.5%	1.5%
0-180	2984	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2947	2947	2947
5	2981	3007	3040
15	3172	3376	3626
25	3261	3741	4274
35	2606	3134	3743
45	2118	2332	2640
55	2098	2118	2216
65	2286	2182	2168
75	2533	2228	2090
85	2339	1863	1802

LUMINAIRE SECTION

LEDALITE

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