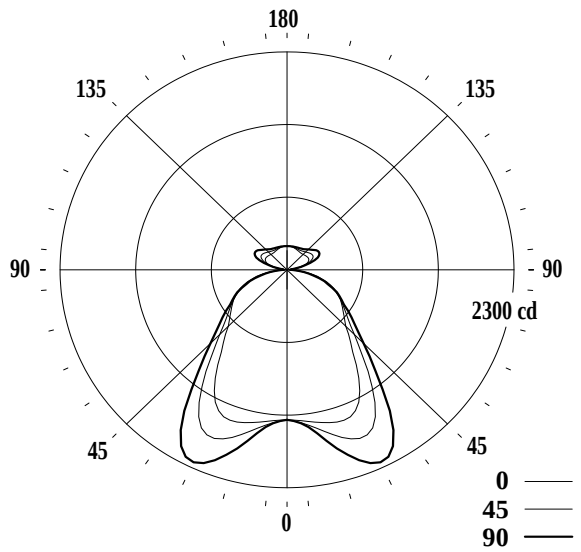
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL93568QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 6800LM 935
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6188 lm 100.0%
Input Watts:	120 VAC 65.2	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 94.9
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL33 F39373ColorU S07007-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1583	1583	1583	1583	1583	
5	1598	1610	1620	1651	1625	157
15	1669	1719	1801	1932	1952	517
25	1640	1691	1922	2134	2241	873
35	1225	1227	1501	1646	1816	916
45	842	854	966	1015	1097	742
55	685	673	706	709	755	632
65	551	536	542	519	556	530
75	363	335	344	320	336	355
85	116	89	104	96	113	119
90	16	16	28	37	41	
95	51	31	37	34	39	46
105	175	152	169	168	193	174
115	243	251	287	330	358	284
125	245	263	297	343	361	269
135	230	242	266	299	305	209
145	226	230	247	266	270	156
155	234	236	244	255	258	114
165	245	245	249	252	253	70
175	250	250	250	251	251	24
180	250	250	250	250	250	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1689.5	20.0
Direct: Peak Candela & Angle (90deg)			2241.2	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			373.8	120.0
Indirect: Zenith Candela, Peak to Zenith			249.8	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				20.1
Ballast Factor, Multiplication Factor			1.000	1.497
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4063	0.3876	3452	0.0016
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	65.2	0.543	7.5	0.996
277V: P(W), I(A), THD(%), PF	64.7	0.236	10.6	0.990
347V: P(W), I(A), THD(%), PF	63.8	0.189	11.7	0.970

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	114	114	114	114	109	109	109	99	99	99	78
1	104	99	95	91	99	95	91	87	84	81	66
2	95	87	80	75	90	83	77	76	72	68	55
3	87	77	69	63	82	74	67	67	62	57	47
4	80	68	60	54	76	65	58	60	54	49	41
5	73	61	53	46	70	59	51	54	48	43	35
6	68	55	47	41	65	53	45	49	43	38	31
7	63	50	42	36	60	48	41	45	38	33	28
8	59	46	38	32	56	44	37	41	35	30	25
9	55	42	34	29	52	41	33	38	32	27	23
10	51	39	31	26	49	37	30	35	29	25	21

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1547	25.0%	25.0%
0-40	2464	39.8%	39.8%
0-60	3838	62.0%	62.0%
0-90	4841	78.2%	78.2%
90-130	774	12.5%	12.5%
90-150	1139	18.4%	18.4%
90-180	1347	21.8%	21.8%
0-180	6188	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4598	4598	4598
5	4657	4717	4731
15	5013	5389	5837
25	5246	6108	7114
35	4328	5255	6345
45	3441	3895	4414
55	3445	3485	3713
65	3747	3582	3655
75	3998	3614	3498
85	3641	2855	3027

LUMINAIRE SECTION

LEDALITE

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