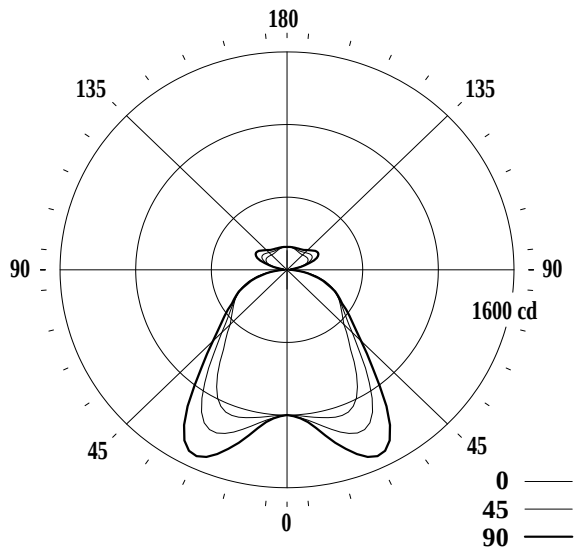
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83548QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 4800LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4167 lm 100.0%
Input Watts:	120 VAC 35.7	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 116.7
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL27 F39392Color S07007-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1066	1066	1066	1066	1066	
5	1076	1084	1091	1111	1094	106
15	1124	1158	1213	1301	1314	348
25	1105	1139	1294	1437	1509	588
35	825	827	1011	1108	1223	617
45	567	575	650	684	739	500
55	461	453	476	478	509	425
65	371	361	365	350	374	357
75	244	225	232	215	227	239
85	78	60	70	65	76	80
90	11	11	19	25	28	
95	34	21	25	23	26	31
105	118	102	114	113	130	117
115	164	169	193	222	241	191
125	165	177	200	231	243	181
135	155	163	179	201	205	141
145	152	155	166	179	182	105
155	158	159	164	172	174	77
165	165	165	167	170	171	47
175	168	168	168	169	169	16
180	168	168	168	168	168	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1137.6	20.0
Direct: Peak Candela & Angle (90deg)			1509.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			251.7	120.0
Indirect: Zenith Candela, Peak to Zenith			168.2	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				18.7
Ballast Factor, Multiplication Factor			1.000	1.008
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	35.7	0.299	6.2	0.997
277V: P(W), I(A), THD(%), PF	35.3	0.131	11.8	0.968
347V: P(W), I(A), THD(%), PF	34.9	0.103	10.0	0.976

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	1042	25.0%	25.0%
0-40	1659	39.8%	39.8%
0-60	2584	62.0%	62.0%
0-90	3260	78.2%	78.2%
90-130	521	12.5%	12.5%
90-150	767	18.4%	18.4%
90-180	907	21.8%	21.8%
0-180	4167	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3096	3096	3096
5	3136	3176	3186
15	3376	3629	3930
25	3532	4113	4790
35	2914	3539	4273
45	2317	2623	2972
55	2320	2347	2500
65	2523	2412	2461
75	2692	2433	2355
85	2452	1922	2038

LUMINAIRE SECTION

LEDALITE

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