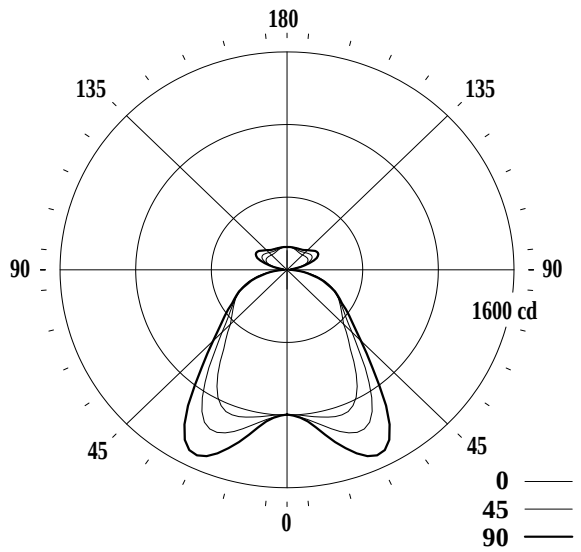
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL83048QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 4800LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4150 lm 100.0%
Input Watts:	120 VAC 35.9	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 115.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL27 F39411Color S07007-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1062	1062	1062	1062	1062	
5	1072	1080	1087	1107	1090	106
15	1119	1153	1208	1296	1309	346
25	1100	1134	1289	1431	1503	586
35	821	823	1007	1104	1218	615
45	565	573	648	681	736	498
55	459	451	474	476	507	424
65	370	359	363	348	373	356
75	243	224	231	215	226	238
85	78	60	70	64	76	80
90	11	11	19	25	27	
95	34	21	25	23	26	31
105	118	102	113	113	129	117
115	163	168	192	222	240	191
125	164	176	199	230	242	181
135	154	162	179	200	204	140
145	152	154	166	178	181	105
155	157	158	164	171	173	76
165	164	164	167	169	170	47
175	168	168	168	168	168	16
180	168	168	168	168	168	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1133.1	20.0
Direct: Peak Candela & Angle (90deg)			1503.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			250.7	120.0
Indirect: Zenith Candela, Peak to Zenith			167.6	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	1.004
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	35.9	0.300	6.2	0.997
277V: P(W), I(A), THD(%), PF	35.5	0.132	11.8	0.968
347V: P(W), I(A), THD(%), PF	35.1	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	1038	25.0%	25.0%
0-40	1652	39.8%	39.8%
0-60	2574	62.0%	62.0%
0-90	3247	78.2%	78.2%
90-130	519	12.5%	12.5%
90-150	764	18.4%	18.4%
90-180	903	21.8%	21.8%
0-180	4150	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3084	3084	3084
5	3123	3164	3173
15	3362	3614	3915
25	3518	4096	4771
35	2902	3525	4256
45	2308	2612	2960
55	2310	2338	2490
65	2513	2403	2452
75	2681	2424	2346
85	2442	1915	2030

LUMINAIRE SECTION

LEDALITE

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