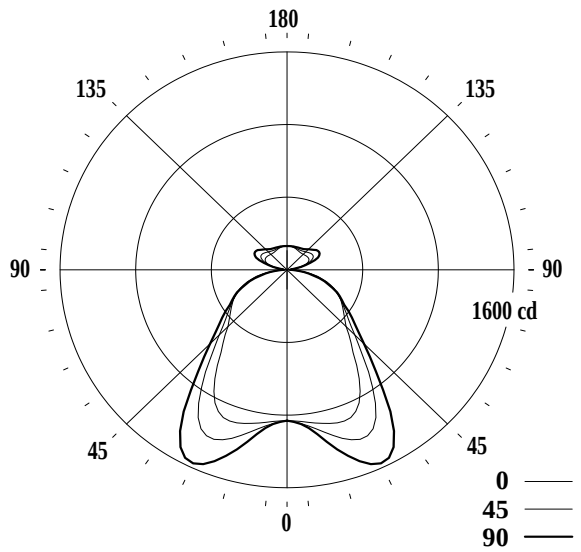
LEDALITE - EYELINE

TEST DATE:	07 Jan 2019	**CATALOG NO:**	**ELxSL93548QG04D**
Lamp Type:	LED	**Description:**	EYELINE SUSPENDED 80%DN 4800LM 935
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4328 lm 100.0%
Input Watts:	120 VAC 42.8	**Up/Dn Ratio, Efficacy (lm/W):**	22% Up / 78% Dn 101.1
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	EL36 F39373ColorU S07007-B

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1107	1107	1107	1107	1107	
5	1117	1126	1133	1154	1137	110
15	1167	1203	1259	1351	1365	361
25	1147	1183	1344	1492	1568	611
35	856	858	1050	1151	1270	641
45	589	597	675	710	767	519
55	479	470	494	496	528	442
65	385	375	379	363	389	371
75	254	234	241	224	235	248
85	81	62	73	67	79	83
90	11	11	20	26	29	
95	36	22	26	24	27	33
105	123	106	118	118	135	122
115	170	175	200	231	250	199
125	171	184	208	240	253	188
135	161	169	186	209	213	146
145	158	161	173	186	189	109
155	164	165	171	178	181	80
165	171	171	174	176	177	49
175	175	175	175	175	176	17
180	175	175	175	175	175	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1181.6	20.0
Direct: Peak Candela & Angle (90deg)			1567.5	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.29	1.54	N/A
Indirect: Peak Candela & Angle			261.4	120.0
Indirect: Zenith Candela, Peak to Zenith			174.7	1.50
Luminous Length, Width, Height (ft)		3.9400	0.9400	0.0200
UGR (4H x 8H, 0.25H)				18.8
Ballast Factor, Multiplication Factor			1.000	1.047
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	42.8	0.356	7.5	0.996
277V: P(W), I(A), THD(%), PF	42.5	0.158	11.0	0.969
347V: P(W), I(A), THD(%), PF	41.4	0.122	10.5	0.971

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	1082	25.0%	25.0%
0-40	1723	39.8%	39.8%
0-60	2684	62.0%	62.0%
0-90	3386	78.2%	78.2%
90-130	541	12.5%	12.5%
90-150	797	18.4%	18.4%
90-180	942	21.8%	21.8%
0-180	4328	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3216	3216	3216
5	3257	3299	3309
15	3506	3769	4083
25	3669	4272	4975
35	3027	3675	4438
45	2407	2724	3087
55	2409	2438	2597
65	2621	2505	2557
75	2796	2527	2447
85	2547	1997	2117

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003