

**LUMINAIRE:** SAV-LX-927-8-SB16-CLR-U-GG  
Savanno Decorative Led, Highbay  
16" led with suspended bead refractor and clear acrylic lens  
Data Scaled from Test# 17.00994  
**BALLAST:** HLG-60H-54B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 8792  
**WATTS:** 95.70  
**MOUNTING:** pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 0.93 90° = 0.93  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.33  
WIDTH: 1.33  
HEIGHT: 1.00

TEST #18626

DATE: 4/5/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 92**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.61**

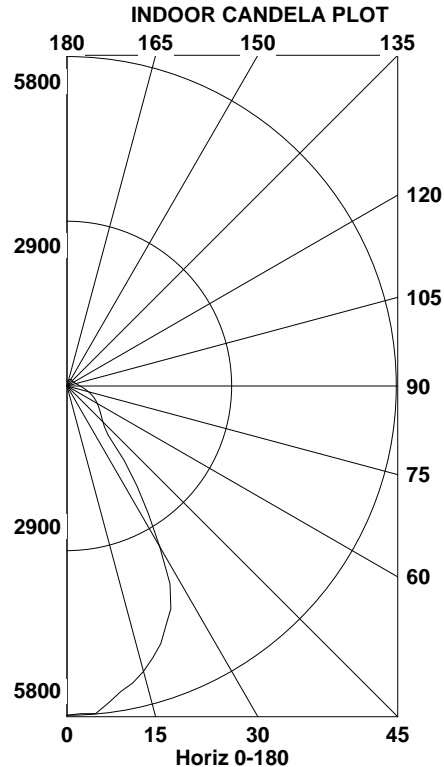
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3937	44.8	44.8
0-40	5276	60.0	60.0
0-60	6602	75.1	75.1
0-90	7857	89.4	89.4
90-120	534	6.1	6.1
90-130	653	7.4	7.4
90-150	840	9.6	9.6
90-180	935	10.6	10.6
0-180	8792	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	44883
30	18795
40	6282
45	4999
50	4391
55	3960
60	3603
65	3243
70	2914
75	2566
80	2276
85	2047



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	80%																																		
	70%			50%			30%			10%			70%			50%			30%			10%			0%										
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	117	117	117	117	113	113	113	113	105	105	105	98	98	98	92	92	92	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89		
1	107	103	99	96	104	100	96	93	94	91	88	86	86	84	83	81	81	79	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77		
2	99	92	86	81	96	89	84	80	84	80	76	79	76	73	75	72	70	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	
3	92	83	76	71	89	81	75	69	77	71	67	73	68	64	69	65	62	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
R 4	86	76	68	63	83	74	67	62	70	64	60	67	62	58	63	59	56	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
C 5	80	69	62	56	78	68	61	55	65	58	54	62	56	52	59	54	51	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
R 6	75	64	56	51	73	62	55	50	60	54	49	57	52	48	55	50	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
7	71	59	52	46	69	58	51	46	56	49	45	53	48	44	51	47	43	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
8	67	55	48	43	65	54	47	42	52	46	41	50	44	41	48	43	40	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
9	63	51	44	39	61	50	44	39	49	43	38	47	41	38	45	40	37	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
10	60	48	41	37	58	47	41	36	46	40	36	44	39	35	43	38	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: \_\_\_\_\_



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**CANDELA VALUES**

ANGLE	0.0
0.0	5793*
2.5	5775
5.0	5792
7.5	5624
10.0	5460
12.5	5354
15.0	5203
17.5	5018
20.0	4830
22.5	4559
25.0	4325
27.5	3928
30.0	3262
32.5	2668
35.0	2145
37.5	1650
40.0	1120
42.5	976
45.0	893
47.5	828
50.0	780
52.5	735
55.0	694
57.5	656
60.0	618
62.5	578
65.0	540
67.5	505
70.0	467
72.5	429
75.0	392
77.5	358
80.0	328
82.5	300
85.0	275
87.5	252
90.0	231
92.5	218
95.0	203
97.5	189
100.0	178
102.5	169
105.0	162
107.5	155
110.0	149
112.5	145
115.0	141
117.5	137
120.0	135
122.5	133
125.0	132
127.5	132
130.0	132
132.5	132
135.0	132
137.5	132
140.0	132
142.5	134
145.0	136
147.5	134
150.0	132
152.5	129
155.0	124
157.5	118
160.0	113
162.5	108
165.0	103
167.5	98
170.0	92
172.5	86
175.0	79
177.5	80
180.0	84

\*MAXIMUM CANDELA VALUE