

**LUMINAIRE:** SAV-LH-950-8-SB16-CDL-U-GG  
Savanno Decorative Led, Highbay  
16" led with suspended bead refractor and conical drop lens  
Data Scaled from Test# 17.00998  
**BALLAST:** HLG-40H-54B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 7350  
**WATTS:** 72.70  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.19 90° = 1.19  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.33  
WIDTH: 1.33  
HEIGHT: 1.00

TEST #18635

DATE: 4/4/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 101**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.38**

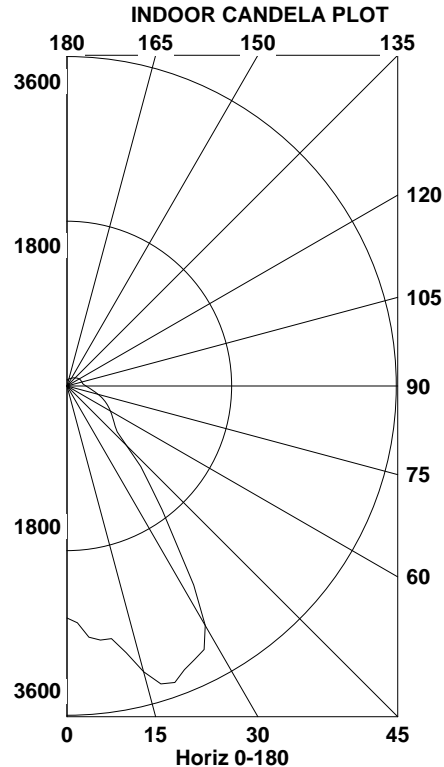
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2691	36.6	36.6
0-40	4019	54.7	54.7
0-60	5318	72.4	72.4
0-90	6440	87.6	87.6
90-120	541	7.4	7.4
90-130	672	9.1	9.1
90-150	838	11.4	11.4
90-180	910	12.4	12.4
0-180	7350	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	19648
30	17401
40	7925
45	5150
50	3862
55	3498
60	3200
65	2918
70	2627
75	2298
80	2013
85	1809



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%		0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	116	116	116	116	112	112	112	112	104	104	97	97	97	91	91	91	91	88	
1	106	102	98	94	102	98	95	91	92	89	86	84	81	80	79	77	77	74	
2	98	90	84	79	94	87	82	77	82	77	73	77	73	70	72	69	67	64	
3	90	81	74	68	87	78	72	66	74	68	64	70	65	61	66	62	59	56	
R 4	84	73	65	59	81	71	64	58	67	61	56	63	58	54	60	56	52	50	
C 5	78	66	58	52	75	65	57	51	61	55	50	58	53	48	55	50	47	44	
R 6	73	61	53	47	70	59	52	46	56	50	45	53	48	43	51	46	42	40	
7	68	56	48	42	65	54	47	42	52	45	40	49	44	39	47	42	38	36	
8	63	51	43	38	61	50	43	38	48	41	37	46	40	36	44	39	35	33	
9	60	47	40	35	58	46	39	34	44	38	34	42	37	33	41	36	32	30	
10	56	44	37	32	54	43	36	32	41	35	31	40	34	30	38	33	30	28	

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	2536
2.5	2590
5.0	2755
7.5	2801
10.0	2803
12.5	2985
15.0	3233
17.5	3413
20.0	<b>3447*</b>
22.5	3355
25.0	3298
27.5	3246
30.0	3020
32.5	2578
35.0	2056
37.5	1708
40.0	1413
42.5	1192
45.0	920
47.5	744
50.0	686
52.5	645
55.0	613
57.5	581
60.0	549
62.5	517
65.0	486
67.5	454
70.0	421
72.5	386
75.0	351
77.5	319
80.0	290
82.5	264
85.0	243
87.5	224
90.0	208
92.5	195
95.0	184
97.5	177
100.0	173
102.5	170
105.0	168
107.5	166
110.0	164
112.5	163
115.0	161
117.5	158
120.0	155
122.5	150
125.0	147
127.5	142
130.0	137
132.5	132
135.0	126
137.5	120
140.0	116
142.5	111
145.0	107
147.5	104
150.0	100
152.5	97
155.0	93
157.5	90
160.0	86
162.5	83
165.0	80
167.5	77
170.0	73
172.5	68
175.0	64
177.5	65
180.0	68

\*MAXIMUM CANDELA VALUE