

**LUMINAIRE:** SAV-LH-50-8-WW16-DLR-U-GG  
Savanno Decorative Led, Highbay  
16" led with white translucent acrylic reflector and drop lens refractor  
Data Scaled from Test# 17.00617  
**BALLAST:** HLG-40H-54B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 7466  
**WATTS:** 72.70  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.09 90° = 1.09  
**LUMINOUS OPENING IN FEET**  
LENGTH: 0.92  
WIDTH: 0.92  
HEIGHT: 1.25

TEST #17864

DATE: 3/3/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 103**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35**

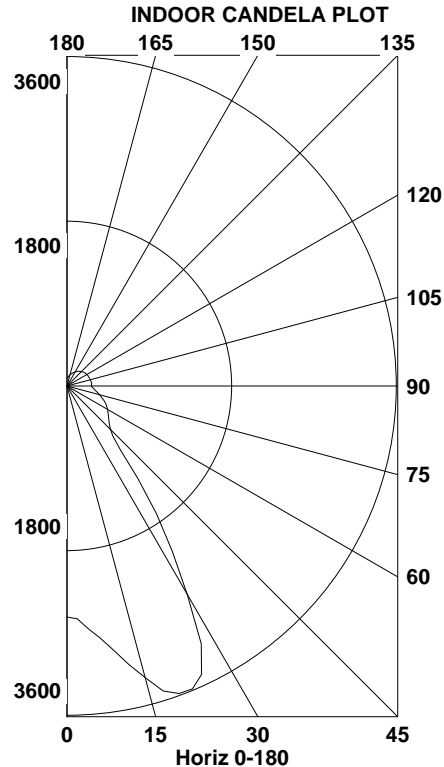
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2736	36.6	36.6
0-40	3800	50.9	50.9
0-60	4834	64.7	64.7
0-90	6005	80.4	80.4
90-120	828	11.1	11.1
90-130	1046	14.0	14.0
90-150	1341	18.0	18.0
90-180	1461	19.6	19.6
0-180	7466	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	40885
30	24564
40	7794
45	5654
50	4937
55	4457
60	4157
65	3815
70	3432
75	3104
80	2795
85	2585



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%	0%
0	114	114	114	114	109	109	109	109	100	100	100	92	92	92	84	84	84	84	84	84	84	84	84	84	84	84	80
1	104	100	96	92	100	96	92	88	88	85	82	81	78	76	74	72	71	71	71	71	71	71	71	71	71	71	67
2	96	88	82	77	92	85	79	74	78	74	70	72	69	65	66	64	61	61	61	61	61	61	61	61	61	61	58
3	89	79	72	66	85	76	70	64	71	65	61	65	61	57	60	57	54	54	54	54	54	54	54	54	54	54	51
R 4	82	72	64	58	79	69	62	56	64	58	53	60	55	51	55	51	48	48	48	48	48	48	48	48	48	48	45
C 5	76	65	57	51	73	63	55	50	59	52	48	55	50	45	51	47	43	43	43	43	43	43	43	43	43	43	41
R 6	71	59	51	46	68	58	50	45	54	48	43	50	45	41	47	43	39	39	39	39	39	39	39	39	39	39	37
7	67	55	47	41	64	53	46	41	50	44	39	47	41	37	44	39	36	36	36	36	36	36	36	36	36	36	34
8	63	50	43	38	60	49	42	37	46	40	36	43	38	34	41	36	33	33	33	33	33	33	33	33	33	33	31
9	59	47	39	34	56	45	39	34	43	37	33	41	35	32	38	34	30	30	30	30	30	30	30	30	30	30	29
10	55	43	36	32	53	42	36	31	40	34	30	38	33	29	36	31	28	28	28	28	28	28	28	28	28	28	26

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	2525
2.5	2547
5.0	2663
7.5	2780
10.0	2932
12.5	3116
15.0	3298
17.5	3495
20.0	3576
22.5	<b>3582*</b>
25.0	3479
27.5	3175
30.0	2626
32.5	2141
35.0	1708
37.5	1273
40.0	904
42.5	739
45.0	674
47.5	632
50.0	600
52.5	572
55.0	548
57.5	528
60.0	513
62.5	494
65.0	469
67.5	442
70.0	417
72.5	393
75.0	370
77.5	346
80.0	324
82.5	305
85.0	289
87.5	274
90.0	267
92.5	268
95.0	271
97.5	271
100.0	268
102.5	265
105.0	263
107.5	262
110.0	261
112.5	258
115.0	257
117.5	255
120.0	252
122.5	248
125.0	244
127.5	240
130.0	234
132.5	229
135.0	223
137.5	217
140.0	209
142.5	202
145.0	194
147.5	185
150.0	177
152.5	169
155.0	159
157.5	151
160.0	143
162.5	134
165.0	127
167.5	120
170.0	111
172.5	103
175.0	92
177.5	86
180.0	85

\*MAXIMUM CANDELA VALUE