

**LUMINAIRE:** SAV-MH-940-8-SB22-CDL-U-GG  
Savanno Decorative Led, Highbay  
22" led with suspended bead refractor and conical drop lens  
Data Scaled from Test# 17.00967  
**BALLAST:** HLG-240H-C1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 20792  
**WATTS:** 222.30  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.30  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.83  
WIDTH: 1.83  
HEIGHT: 1.00

TEST #19147

DATE: 4/3/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 94**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.55**

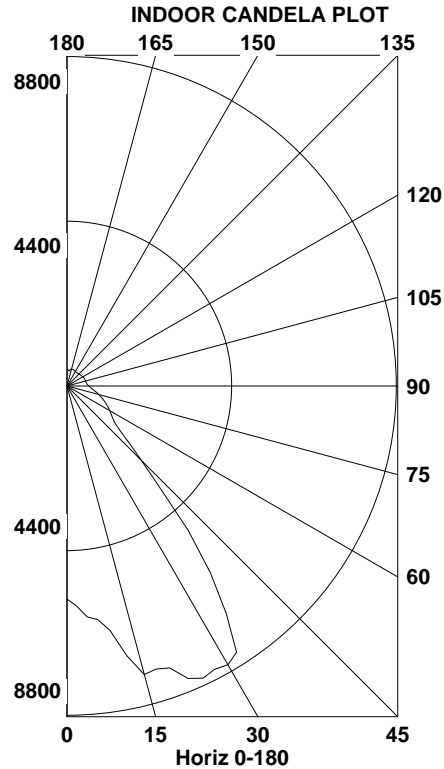
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6706	32.3	32.3
0-40	11217	53.9	53.9
0-60	14905	71.7	71.7
0-90	17709	85.2	85.2
90-120	1639	7.9	7.9
90-130	2068	9.9	9.9
90-150	2700	13.0	13.0
90-180	3083	14.8	14.8
0-180	20792	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	23290
30	28976
40	17000
45	9584
50	6436
55	5325
60	4892
65	4531
70	4184
75	3856
80	3569
85	3420



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	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	111	111	111	111	103	103	103	95	95	95	88	88	88	85
1	106	101	97	94	102	98	94	91	91	88	85	84	82	80	79	77	75	72
2	97	90	84	79	94	87	81	77	81	77	73	76	72	69	71	68	65	62
3	90	81	73	68	86	78	71	66	73	67	63	68	64	60	64	60	57	55
R 4	83	73	65	59	80	70	63	58	66	60	55	62	57	53	58	54	51	48
C 5	77	66	58	52	74	64	56	51	60	54	49	57	51	47	53	49	45	43
R 6	72	60	52	46	69	58	51	45	55	48	44	52	46	42	49	44	41	39
7	67	55	47	41	64	53	46	41	50	44	39	48	42	38	45	40	37	35
8	63	50	42	37	60	49	42	37	46	40	35	44	39	34	42	37	33	31
9	59	46	39	34	56	45	38	33	43	37	32	41	35	31	39	34	30	29
10	55	43	35	31	53	42	35	30	40	34	29	38	33	29	36	31	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	5691
2.5	5883
5.0	6189
7.5	6292
10.0	6630
12.5	7381
15.0	7977
17.5	7928
20.0	8015
22.5	8455
25.0	<b>8611*</b>
27.5	8533
30.0	8595
32.5	8431
35.0	7416
37.5	6297
40.0	5040
42.5	3646
45.0	2808
47.5	2256
50.0	1849
52.5	1607
55.0	1488
57.5	1401
60.0	1318
62.5	1243
65.0	1166
67.5	1093
70.0	1018
72.5	946
75.0	877
77.5	811
80.0	749
82.5	697
85.0	652
87.5	614
90.0	583
92.5	558
95.0	540
97.5	530
100.0	522
102.5	519
105.0	517
107.5	515
110.0	511
112.5	507
115.0	502
117.5	496
120.0	490
122.5	483
125.0	477
127.5	471
130.0	465
132.5	459
135.0	453
137.5	450
140.0	446
142.5	445
145.0	445
147.5	446
150.0	450
152.5	453
155.0	459
157.5	465
160.0	469
162.5	469
165.0	465
167.5	455
170.0	433
172.5	407
175.0	421
177.5	441
180.0	450

\*MAXIMUM CANDELA VALUE