

**LUMINAIRE:** SAV-MH-935-8-WW22-P95-U-GG  
Savanno Decorative Led, Highbay  
22" led with white acrylic refractor and frosted acrylic lens  
Data Scaled from Test# 17.00975  
**BALLAST:** HLG-240H-C1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 19993  
**WATTS:** 222.50  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 0.98 90° = 0.98  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.83  
WIDTH: 1.83  
HEIGHT: 1.00

TEST #19182

DATE: 4/1/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 90**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.67**

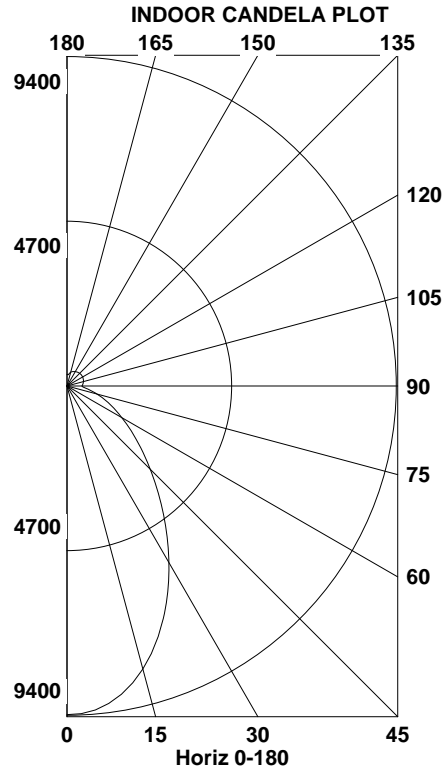
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6316	31.6	31.6
0-40	9393	47.0	47.0
0-60	14014	70.1	70.1
0-90	16963	84.8	84.8
90-120	1509	7.5	7.5
90-130	1972	9.9	9.9
90-150	2673	13.4	13.4
90-180	3030	15.2	15.2
0-180	19993	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	38366
30	19577
40	13789
45	11461
50	9554
55	8009
60	6718
65	5650
70	4742
75	3895
80	3131
85	2554



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																						
	80%						70%						50%						30%				
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	88	88	88	85		
1	106	101	97	94	102	98	94	91	91	88	85	84	82	80	78	77	75	75	75	75	72		
2	97	90	83	78	93	86	81	76	80	76	72	75	71	68	70	67	64	64	64	64	62		
3	89	80	72	66	86	77	70	65	72	66	62	67	63	59	63	59	56	56	56	56	53		
R 4	82	72	64	57	79	69	62	56	65	59	54	61	56	52	57	53	49	49	49	49	47		
C 5	76	65	56	50	73	63	55	49	59	52	48	55	50	46	52	48	44	44	44	44	42		
R 6	71	59	51	45	68	57	49	44	54	47	42	51	45	41	48	43	39	39	39	39	37		
7	66	54	46	40	64	52	45	39	49	43	38	47	41	37	44	39	36	36	36	36	34		
8	62	49	42	36	60	48	41	36	46	39	35	43	38	34	41	36	32	32	32	32	31		
9	58	46	38	33	56	45	37	32	42	36	32	40	35	31	38	33	30	30	30	30	28		
10	55	42	35	30	53	41	34	30	39	33	29	38	32	28	36	31	27	27	27	27	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	9375*
2.5	9359
5.0	9279
7.5	9135
10.0	8934
12.5	8673
15.0	8360
17.5	8008
20.0	7609
22.5	7181
25.0	6742
27.5	6278
30.0	5807
32.5	5361
35.0	4907
37.5	4487
40.0	4088
42.5	3704
45.0	3358
47.5	3043
50.0	2745
52.5	2480
55.0	2238
57.5	2014
60.0	1810
62.5	1628
65.0	1454
67.5	1299
70.0	1154
72.5	1015
75.0	886
77.5	769
80.0	657
82.5	563
85.0	487
87.5	437
90.0	426
92.5	438
95.0	450
97.5	460
100.0	470
102.5	478
105.0	486
107.5	494
110.0	500
112.5	505
115.0	510
117.5	514
120.0	515
122.5	517
125.0	517
127.5	517
130.0	515
132.5	513
135.0	510
137.5	505
140.0	501
142.5	494
145.0	488
147.5	480
150.0	472
152.5	464
155.0	454
157.5	446
160.0	436
162.5	423
165.0	406
167.5	386
170.0	358
172.5	326
175.0	320
177.5	328
180.0	332

\*MAXIMUM CANDELA VALUE