

**LUMINAIRE:** SAV-ML-35-8-WW22-DLR-U-GG  
Savanno Decorative Led, Highbay  
22" led with white translucent acrylic reflector and drop lens refractor  
**BALLAST:** HLG-120H-1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 16909  
**WATTS:** 153.20  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.07 90° = 1.07  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.92  
WIDTH: 1.92  
HEIGHT: 1.42

TEST #17.00501  
DATE: 2/14/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 110**

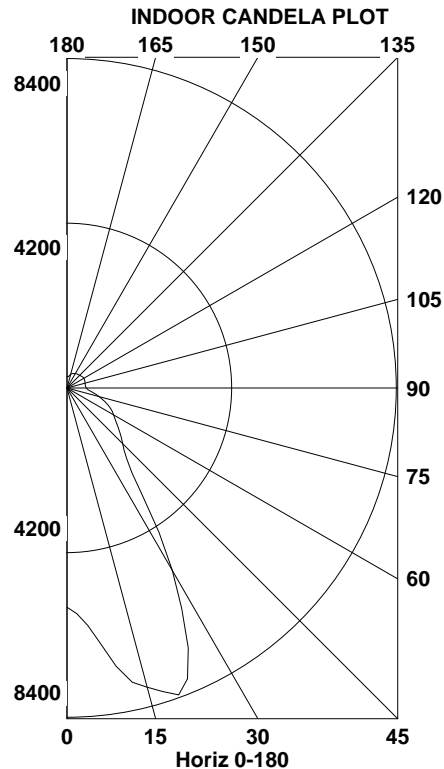
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.16**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6119	36.2	36.2
0-40	8340	49.3	49.3
0-60	11289	66.8	66.8
0-90	14007	82.8	82.8
90-120	1517	9.0	9.0
90-130	1954	11.6	11.6
90-150	2583	15.3	15.3
90-180	2902	17.2	17.2
0-180	16909	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	20782
30	14925
40	6450
45	5435
50	4786
55	4235
60	3877
65	3572
70	3139
75	2708
80	2286
85	1976



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																			
	80%				70%				50%				30%				10%			
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	100	96	93	101	96	93	89	89	86	84	82	80	78	76	74	73	70		
2	96	89	83	77	92	86	80	75	79	75	71	74	70	67	68	65	63	60		
3	89	79	72	66	85	77	70	64	71	66	61	66	62	58	62	58	55	52		
R	4	82	72	64	58	79	69	62	56	65	59	54	60	55	51	56	52	49	46	
C	5	76	65	57	51	73	63	55	50	59	53	48	55	50	46	52	47	44	41	
R	6	71	59	51	45	68	57	50	45	54	48	43	51	45	41	48	43	40	37	
	7	67	54	47	41	64	53	45	40	50	43	39	47	42	37	44	40	36	34	
	8	62	50	43	37	60	49	42	37	46	40	35	44	38	34	41	37	33	31	
	9	59	47	39	34	56	45	38	34	43	37	32	41	35	31	39	34	30	29	
	10	55	43	36	31	53	42	35	31	40	34	30	38	33	29	36	32	28	27	

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	5590
2.5	5762
5.0	6078
7.5	6575
10.0	7206
12.5	7684
15.0	7900
17.5	8114
20.0	<b>8327*</b>
22.5	8026
25.0	7316
27.5	6338
30.0	5367
32.5	4365
35.0	3374
37.5	2724
40.0	2379
42.5	2157
45.0	2007
47.5	1879
50.0	1756
52.5	1638
55.0	1532
57.5	1445
60.0	1372
62.5	1305
65.0	1226
67.5	1131
70.0	1036
72.5	943
75.0	851
77.5	762
80.0	677
82.5	602
85.0	545
87.5	511
90.0	492
92.5	480
95.0	475
97.5	474
100.0	473
102.5	473
105.0	476
107.5	481
110.0	486
112.5	491
115.0	495
117.5	499
120.0	498
122.5	494
125.0	490
127.5	481
130.0	472
132.5	462
135.0	456
137.5	452
140.0	448
142.5	442
145.0	436
147.5	430
150.0	422
152.5	415
155.0	407
157.5	399
160.0	389
162.5	376
165.0	359
167.5	340
170.0	314
172.5	290
175.0	289
177.5	295
180.0	297

\*MAXIMUM CANDELA VALUE