

**LUMINAIRE:** SAV-MM-35-8-WA22-CDL-U-GG  
Savanno Decorative Led, Highbay  
22" led with clear acrylic refractor and conical drop lens  
**BALLAST:** HLG-185H-1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 18506  
**WATTS:** 177.60  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.24 90° = 1.24  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.83  
WIDTH: 1.83  
HEIGHT: 0.00

TEST #17.00858  
DATE: 3/24/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 104**

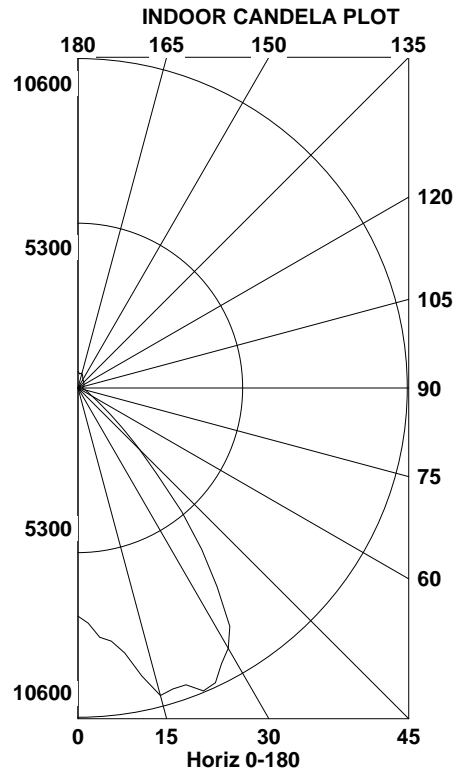
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.31**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8304	44.9	44.9
0-40	13104	70.8	70.8
0-60	16181	87.4	87.4
0-90	16991	91.8	91.8
90-120	572	3.1	3.1
90-130	783	4.2	4.2
90-150	1169	6.3	6.3
90-180	1515	8.2	8.2
0-180	18506	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	30038
30	45710
40	27732
45	16251
50	9378
55	6000
60	4166
65	3728
70	3542
75	3684
80	4384
85	7372



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%	0%
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	110	106	103	100	106	103	100	98	98	95	93	92	91	89	88	86	85	83
2	103	96	91	87	99	94	89	86	89	86	82	85	82	79	81	79	77	74
3	96	88	82	77	93	86	80	76	82	77	73	78	74	71	75	72	69	67
R	4	89	80	73	68	87	78	72	67	75	70	66	72	68	64	69	65	60
C	5	84	73	66	61	81	72	65	60	69	63	59	66	62	58	64	60	55
R	6	78	67	60	55	76	66	59	55	64	58	53	61	56	52	59	55	50
	7	73	62	55	50	71	61	54	49	59	53	49	57	52	48	55	50	45
	8	69	57	50	45	67	57	50	45	55	49	44	53	48	44	51	47	41
	9	65	53	46	42	63	52	46	41	51	45	41	49	44	40	48	43	38
	10	61	50	43	38	59	49	42	38	47	41	37	46	41	37	45	40	35

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	7340
2.5	7576
5.0	8052
7.5	8214
10.0	8656
12.5	9493
15.0	10243
17.5	10154
20.0	10161
22.5	<b>10550*</b>
25.0	10461
27.5	10001
30.0	9673
32.5	9095
35.0	7798
37.5	6539
40.0	5191
42.5	3760
45.0	2808
47.5	2050
50.0	1473
52.5	1073
55.0	841
57.5	660
60.0	509
62.5	437
65.0	385
67.5	339
70.0	296
72.5	259
75.0	233
77.5	210
80.0	186
82.5	171
85.0	157
87.5	146
90.0	138
92.5	140
95.0	153
97.5	158
100.0	161
102.5	174
105.0	187
107.5	197
110.0	204
112.5	210
115.0	214
117.5	218
120.0	225
122.5	230
125.0	236
127.5	240
130.0	246
132.5	252
135.0	259
137.5	267
140.0	277
142.5	287
145.0	295
147.5	302
150.0	314
152.5	336
155.0	360
157.5	394
160.0	433
162.5	461
165.0	481
167.5	488
170.0	477
172.5	451
175.0	472
177.5	514
180.0	531

\*MAXIMUM CANDELA VALUE