

**LUMINAIRE:** SAV-ML-940-8-SB22-P95-U-GG  
Savanno Decorative Led, Highbay  
22" led with suspended bead refractor and frosted acrylic lens  
Data Scaled from Test# 17.00960  
**BALLAST:** HLG-120H-1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 15328  
**WATTS:** 153.90  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 0.95 90° = 0.95  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.75  
WIDTH: 1.75  
HEIGHT: 1.25

TEST #19132

DATE: 3/29/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 100**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.40**

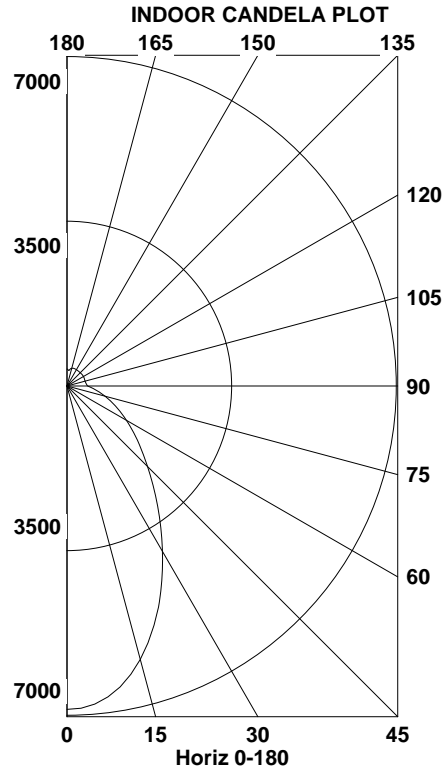
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4505	29.4	29.4
0-40	6654	43.4	43.4
0-60	10096	65.9	65.9
0-90	12803	83.5	83.5
90-120	1276	8.3	8.3
90-130	1637	10.7	10.7
90-150	2197	14.3	14.3
90-180	2525	16.5	16.5
0-180	15328	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	30744
30	13760
40	9529
45	8057
50	6849
55	5875
60	5067
65	4393
70	3815
75	3297
80	2833
85	2456



0.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	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	115	115	115	115	111	111	111	111	102	102	102	94	94	94	87	87	87	84	
1	105	100	96	92	100	96	92	89	89	86	83	82	80	77	76	74	72	69	
2	96	88	81	76	92	84	79	74	78	73	69	73	69	65	67	64	62	59	
3	88	78	70	64	84	75	68	62	70	64	59	65	60	56	60	57	53	50	
R	4	81	70	61	55	77	67	60	54	63	56	51	59	53	49	55	50	47	44
C	5	75	63	54	48	72	61	53	47	57	50	45	53	48	43	50	45	41	39
R	6	70	57	49	43	67	55	47	42	52	45	40	49	43	39	46	41	37	35
	7	65	52	44	38	62	51	43	37	48	41	36	45	39	35	42	37	33	31
	8	61	48	40	34	58	47	39	34	44	37	33	41	36	32	39	34	30	28
	9	57	44	37	31	55	43	36	31	41	34	30	39	33	29	36	32	28	26
	10	53	41	34	29	51	40	33	28	38	32	27	36	30	27	34	29	26	24

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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Savanno Decorative Led, Highbay  
22" led with suspended bead refractor and frosted acrylic lens  
Data Scaled from Test# 17.00960

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**CANDELA VALUES**

ANGLE	0.0
0.0	6870*
2.5	6854
5.0	6784
7.5	6664
10.0	6492
12.5	6274
15.0	6016
17.5	5726
20.0	5410
22.5	5084
25.0	4742
27.5	4399
30.0	4061
32.5	3734
35.0	3420
37.5	3139
40.0	2876
42.5	2643
45.0	2431
47.5	2232
50.0	2050
52.5	1886
55.0	1731
57.5	1589
60.0	1458
62.5	1337
65.0	1224
67.5	1120
70.0	1020
72.5	924
75.0	838
77.5	754
80.0	677
82.5	609
85.0	545
87.5	488
90.0	439
92.5	425
95.0	415
97.5	408
100.0	402
102.5	399
105.0	398
107.5	398
110.0	400
112.5	401
115.0	402
117.5	403
120.0	403
122.5	403
125.0	402
127.5	401
130.0	400
132.5	399
135.0	399
137.5	398
140.0	398
142.5	399
145.0	400
147.5	401
150.0	401
152.5	401
155.0	401
157.5	401
160.0	400
162.5	396
165.0	389
167.5	379
170.0	360
172.5	334
175.0	336
177.5	353
180.0	360

\*MAXIMUM CANDELA VALUE