

**LUMINAIRE:** SAV-MH-940-8-WW22-CLR-U-GG  
Savanno Decorative Led, Highbay  
22" led with white translucent reflector and a clear acrylic lens  
Data Scaled from Test# 17.00376  
**BALLAST:** HLG-240H-C1400B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 20931  
**WATTS:** 219.30  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.02 90° = 1.02  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.75  
WIDTH: 1.75  
HEIGHT: 1.25

TEST #18894

DATE: 2/1/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 95**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.50**

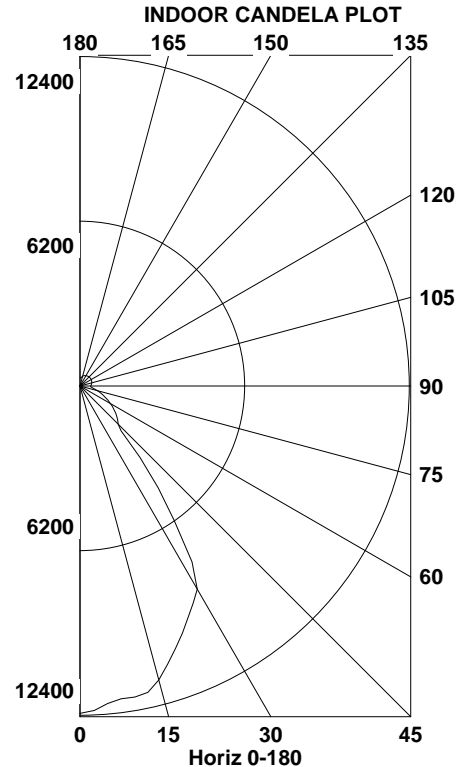
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8794	42.0	42.0
0-40	12670	60.5	60.5
0-60	15795	75.5	75.5
0-90	18070	86.3	86.3
90-120	1420	6.8	6.8
90-130	1859	8.9	8.9
90-150	2523	12.1	12.1
90-180	2861	13.7	13.7
0-180	20931	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	55151
30	29922
40	11673
45	6735
50	6077
55	5339
60	4619
65	3923
70	3265
75	2660
80	2151
85	1870



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	116	116	116	116	112	112	112	112	104	104	96	96	96	89	89	89	89	86
1	107	103	100	96	103	100	96	93	93	90	88	87	85	83	81	80	78	75
2	99	93	87	82	96	90	85	80	84	80	76	79	76	73	74	71	69	66
3	92	84	77	72	89	81	75	70	76	71	67	72	68	64	68	65	62	59
R 4	86	76	69	63	83	74	67	62	70	64	60	66	61	58	63	59	56	53
C 5	80	70	62	56	77	68	61	56	64	58	54	61	56	52	58	54	50	48
R 6	75	64	56	51	73	62	55	50	59	53	49	56	51	47	54	49	46	44
7	70	59	52	46	68	58	51	46	55	49	45	52	47	43	50	46	42	40
8	66	55	47	42	64	53	47	42	51	45	41	49	44	40	47	42	39	37
9	62	51	44	39	60	50	43	39	48	42	38	46	41	37	44	39	36	34
10	59	47	41	36	57	47	40	36	45	39	35	43	38	34	41	37	33	32

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: \_\_\_\_\_



**LUMINAIRE:** SAV-MH-940-8-WW22-CLR-U-GG  
Savanno Decorative Led, Highbay  
22" led with white translucent reflector and a clear acrylic lens  
Data Scaled from Test# 17.00376

TEST #18894  
DATE: 2/1/2017

**CANDELA VALUES**

ANGLE	0.0
0.0	12324*
2.5	12227
5.0	11992
7.5	11874
10.0	11891
12.5	11811
15.0	11459
17.5	10977
20.0	10513
22.5	10073
25.0	9625
27.5	9223
30.0	8831
32.5	7850
35.0	6171
37.5	4835
40.0	3523
42.5	2282
45.0	2032
47.5	1929
50.0	1819
52.5	1700
55.0	1573
57.5	1451
60.0	1329
62.5	1207
65.0	1093
67.5	980
70.0	873
72.5	771
75.0	676
77.5	587
80.0	514
82.5	455
85.0	415
87.5	397
90.0	400
92.5	411
95.0	422
97.5	432
100.0	441
102.5	450
105.0	458
107.5	465
110.0	472
112.5	476
115.0	481
117.5	485
120.0	488
122.5	488
125.0	489
127.5	489
130.0	488
132.5	486
135.0	483
137.5	479
140.0	474
142.5	469
145.0	463
147.5	455
150.0	448
152.5	440
155.0	431
157.5	423
160.0	413
162.5	400
165.0	382
167.5	362
170.0	334
172.5	310
175.0	309
177.5	313
180.0	315

\*MAXIMUM CANDELA VALUE