

**LUMINAIRE:** SAV-LX-50-8-WW16-P95-U-GG  
Savanno Decorative Led, Highbay  
16" led with white acrylic refractor and frosted acrylic lens  
Data Scaled from Test# 17.00982  
**BALLAST:** Mean Well HLG-60H-54B  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 10723  
**WATTS:** 95.60  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 0.95 90° = 0.95  
**LUMINOUS OPENING IN FEET**  
LENGTH: 1.33  
WIDTH: 1.33  
HEIGHT: 1.00

TEST #18377

DATE: 3/31/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 112**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.14**

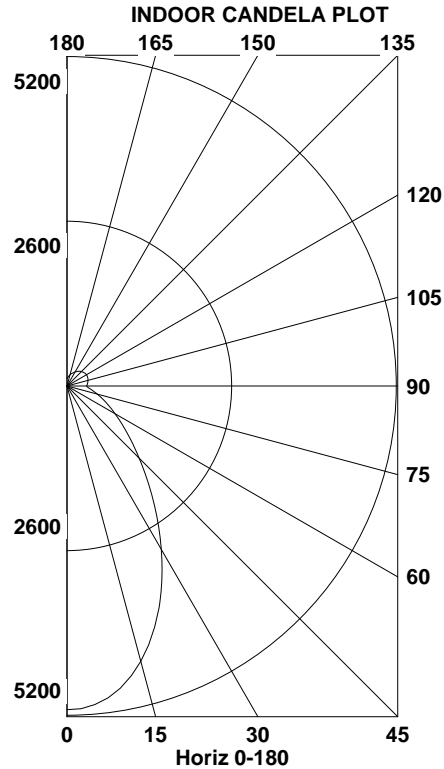
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3354	31.3	31.3
0-40	4894	45.6	45.6
0-60	7113	66.3	66.3
0-90	8747	81.6	81.6
90-120	1065	9.9	9.9
90-130	1377	12.8	12.8
90-150	1803	16.8	16.8
90-180	1976	18.4	18.4
0-180	10723	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	0.0
0	39591
30	17147
40	11189
45	9041
50	7370
55	6100
60	5118
65	4354
70	3744
75	3247
80	2852
85	2576



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	110	110	110	110	101	101	93	93	93	85	85	85	85	82
1	105	100	96	92	100	96	92	89	88	86	83	81	79	77	75	73	72	68
2	96	88	82	77	92	85	79	74	79	74	70	73	69	66	67	64	62	59
3	88	79	71	65	84	76	69	64	70	65	60	65	61	57	61	57	54	51
R 4	82	71	63	57	78	68	61	55	64	57	53	59	54	50	55	51	47	45
C 5	76	64	56	50	72	62	54	49	58	51	47	54	49	44	50	46	42	40
R 6	70	58	50	44	67	56	49	43	53	46	42	49	44	40	46	42	38	36
7	66	53	45	40	63	52	44	39	49	42	38	46	40	36	43	38	35	32
8	61	49	41	36	59	48	40	35	45	39	34	42	37	33	40	35	32	30
9	58	45	38	33	55	44	37	32	42	36	31	39	34	30	37	33	29	27
10	54	42	35	30	52	41	34	30	39	33	29	37	31	28	35	30	27	25

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	5110*
2.5	5100
5.0	5048
7.5	4964
10.0	4843
12.5	4686
15.0	4500
17.5	4287
20.0	4047
22.5	3793
25.0	3526
27.5	3248
30.0	2976
32.5	2710
35.0	2452
37.5	2216
40.0	1995
42.5	1792
45.0	1615
47.5	1454
50.0	1309
52.5	1182
55.0	1069
57.5	967
60.0	878
62.5	798
65.0	725
67.5	661
70.0	600
72.5	546
75.0	496
77.5	451
80.0	411
82.5	375
85.0	346
87.5	321
90.0	308
92.5	317
95.0	322
97.5	327
100.0	332
102.5	339
105.0	344
107.5	348
110.0	351
112.5	354
115.0	355
117.5	355
120.0	354
122.5	352
125.0	349
127.5	344
130.0	338
132.5	330
135.0	322
137.5	314
140.0	303
142.5	293
145.0	280
147.5	269
150.0	256
152.5	244
155.0	230
157.5	218
160.0	205
162.5	194
165.0	183
167.5	173
170.0	160
172.5	148
175.0	130
177.5	123
180.0	121

\*MAXIMUM CANDELA VALUE