

LUMINAIRE: SAV-ML-50-8-SB22-N-U-GG

Savanno Decorative Led, Highbay
22" led with suspended bead refractor
Data Scaled from Test# 17.00959

BALLAST: HLG-120H-1400B

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 18890

WATTS: 153.60

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 0.99 90° = 0.99

LUMINOUS OPENING IN FEET

LENGTH: 1.75

WIDTH: 1.75

HEIGHT: 1.25

TEST #18224

DATE: 3/29/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 123

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.95

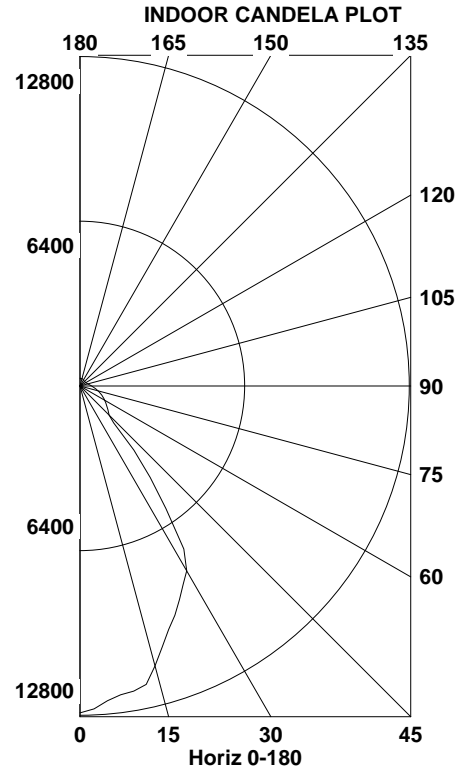
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8539	45.2	45.2
0-40	12188	64.5	64.5
0-60	14727	78.0	78.0
0-90	17034	90.2	90.2
90-120	1033	5.5	5.5
90-130	1260	6.7	6.7
90-150	1616	8.6	8.6
90-180	1856	9.8	9.8
0-180	18890	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	56838
30	28089
40	10795
45	5293
50	4741
55	4229
60	3830
65	3489
70	3160
75	2857
80	2595
85	2352



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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90	
1	108	104	100	97	104	101	97	94	95	92	89	89	87	85	84	82	81	78	
2	100	93	88	83	97	91	85	81	86	81	78	81	78	75	77	74	72	69	
3	93	85	78	72	90	82	76	71	78	73	69	74	70	66	71	67	64	62	
R	4	87	77	70	64	84	75	69	63	72	66	62	68	64	60	65	61	58	56
C	5	81	71	63	58	79	69	62	57	66	60	56	63	58	54	61	56	53	51
R	6	76	65	58	52	74	64	57	52	61	55	51	59	54	50	56	52	48	46
	7	72	60	53	48	70	59	52	47	57	51	46	55	49	45	53	48	45	43
	8	68	56	49	44	66	55	48	44	53	47	43	51	46	42	49	45	41	39
	9	64	52	45	41	62	51	45	40	50	44	40	48	43	39	46	42	38	37
	10	60	49	42	38	59	48	42	37	47	41	37	45	40	36	44	39	36	34

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	12701*
2.5	12559
5.0	12272
7.5	12104
10.0	12037
12.5	11877
15.0	11254
17.5	10633
20.0	10071
22.5	9640
25.0	9151
27.5	8682
30.0	8290
32.5	7514
35.0	5815
37.5	4480
40.0	3258
42.5	1936
45.0	1597
47.5	1509
50.0	1419
52.5	1325
55.0	1246
57.5	1174
60.0	1102
62.5	1036
65.0	972
67.5	908
70.0	845
72.5	787
75.0	726
77.5	671
80.0	620
82.5	569
85.0	522
87.5	480
90.0	440
92.5	413
95.0	389
97.5	366
100.0	346
102.5	329
105.0	315
107.5	301
110.0	291
112.5	281
115.0	273
117.5	267
120.0	261
122.5	256
125.0	253
127.5	251
130.0	249
132.5	249
135.0	249
137.5	251
140.0	252
142.5	255
145.0	258
147.5	262
150.0	267
152.5	272
155.0	279
157.5	286
160.0	294
162.5	299
165.0	299
167.5	297
170.0	288
172.5	270
175.0	277
177.5	296
180.0	304

*MAXIMUM CANDELA VALUE