

LUMINAIRE: SAV-ML-927-8-SB22-CDL-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and conical drop lens
Data Scaled from Test# 17.00961
BALLAST: HLG-120H-1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 14414
WATTS: 153.70
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.31 90° = 1.31
LUMINOUS OPENING IN FEET
LENGTH: 1.75
WIDTH: 1.75
HEIGHT: 1.42

TEST #19134

DATE: 3/29/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 94

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.55

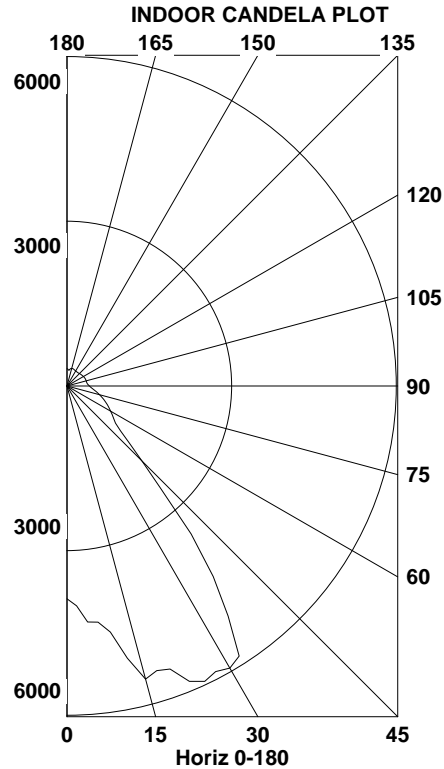
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4616	32.0	32.0
0-40	7739	53.7	53.7
0-60	10290	71.4	71.4
0-90	12247	85.0	85.0
90-120	1148	8.0	8.0
90-130	1451	10.1	10.1
90-150	1897	13.2	13.2
90-180	2168	15.0	15.0
0-180	14414	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	17346
30	19204
40	11011
45	6008
50	3981
55	3268
60	2949
65	2674
70	2420
75	2176
80	1973
85	1832



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	103	103	95	95	95	95	88	88	88	85
1	106	101	97	94	102	98	94	91	91	88	85	84	82	80	78	77	75	72
2	97	90	84	79	93	87	81	77	81	76	73	76	72	69	70	68	65	62
3	90	80	73	67	86	78	71	66	73	67	63	68	64	60	64	60	57	54
R 4	83	72	65	59	80	70	63	57	66	60	55	62	57	53	58	54	51	48
C 5	77	66	58	52	74	64	56	51	60	54	49	56	51	47	53	49	45	43
R 6	72	60	52	46	69	58	51	45	55	48	44	52	46	42	49	44	41	38
7	67	55	47	41	64	53	46	40	50	44	39	48	42	38	45	40	37	35
8	62	50	42	37	60	49	41	36	46	40	35	44	38	34	42	37	33	31
9	58	46	39	33	56	45	38	33	43	37	32	41	35	31	39	34	30	29
10	55	43	35	31	53	42	35	30	40	34	29	38	32	29	36	31	28	26

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	3876
2.5	4009
5.0	4316
7.5	4337
10.0	4550
12.5	5077
15.0	5527
17.5	5436
20.0	5487
22.5	5824
25.0	5935*
27.5	5865
30.0	5933
32.5	5834
35.0	5116
37.5	4376
40.0	3519
42.5	2509
45.0	1930
47.5	1551
50.0	1276
52.5	1112
55.0	1037
57.5	978
60.0	919
62.5	864
65.0	812
67.5	761
70.0	710
72.5	659
75.0	611
77.5	567
80.0	525
82.5	488
85.0	457
87.5	430
90.0	407
92.5	389
95.0	377
97.5	369
100.0	364
102.5	363
105.0	362
107.5	361
110.0	359
112.5	357
115.0	354
117.5	350
120.0	346
122.5	342
125.0	337
127.5	333
130.0	328
132.5	324
135.0	320
137.5	317
140.0	315
142.5	313
145.0	313
147.5	314
150.0	316
152.5	319
155.0	323
157.5	327
160.0	332
162.5	334
165.0	331
167.5	324
170.0	310
172.5	288
175.0	292
177.5	309
180.0	315

*MAXIMUM CANDELA VALUE