

LUMINAIRE: SAV-MH-35-8-WW22-CDL-U-GG
Savanno Decorative Led, Highbay
22" led with white translucent reflector and conical drop lens
BALLAST: HLG-240H-C1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 23610
WATTS: 219.30
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: 1.25

TEST #17.00375
DATE: 2/1/2017

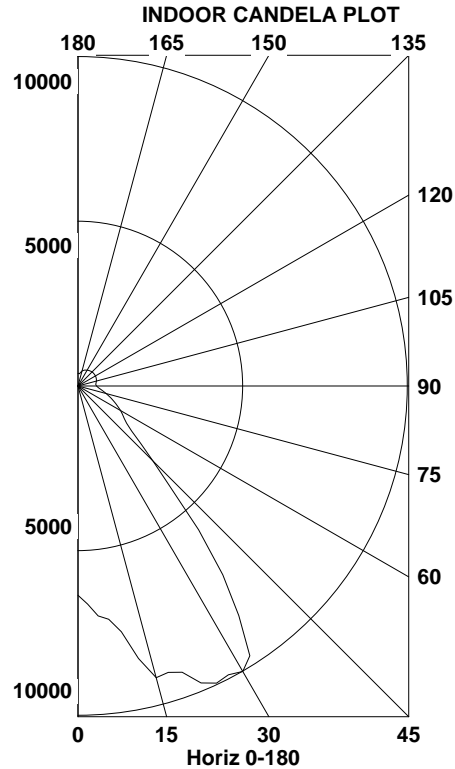
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 108
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.22
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7728	32.7	32.7
0-40	12912	54.7	54.7
0-60	17122	72.5	72.5
0-90	20013	84.8	84.8
90-120	1805	7.6	7.6
90-130	2354	10.0	10.0
90-150	3180	13.5	13.5
90-180	3598	15.2	15.2
0-180	23610	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	28435
30	33897
40	18879
45	10656
50	7103
55	5824
60	5179
65	4547
70	3983
75	3478
80	3068
85	2816



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	0%		
0	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	85						
1	106	102	98	94	102	98	95	91	91	88	86	85	82	80	79	77	76	72						
2	98	91	85	79	94	87	82	77	81	77	73	76	73	69	71	68	66	63						
3	90	81	74	68	87	78	72	67	73	68	64	69	64	61	64	61	58	55						
R 4	84	73	65	59	80	71	64	58	66	61	56	62	58	54	59	55	51	49						
C 5	78	66	58	52	75	64	57	51	60	54	49	57	52	48	54	49	46	44						
R 6	72	60	52	47	69	59	51	46	55	49	44	52	47	43	49	45	41	39						
7	67	55	47	42	65	54	46	41	51	44	40	48	43	38	46	41	37	35						
8	63	51	43	38	61	49	42	37	47	40	36	44	39	35	42	37	34	32						
9	59	47	39	34	57	45	38	34	43	37	33	41	36	32	39	34	31	29						
10	55	43	36	31	53	42	35	31	40	34	30	38	33	29	36	32	28	27						

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	6354
2.5	6627
5.0	7004
7.5	7141
10.0	7573
12.5	8472
15.0	9168
17.5	9113
20.0	9247
22.5	9759
25.0	9951
27.5	9882
30.0	10004*
32.5	9710
35.0	8511
37.5	7224
40.0	5698
42.5	4113
45.0	3215
47.5	2580
50.0	2126
52.5	1858
55.0	1716
57.5	1603
60.0	1490
62.5	1377
65.0	1267
67.5	1163
70.0	1065
72.5	970
75.0	884
77.5	805
80.0	733
82.5	674
85.0	625
87.5	588
90.0	562
92.5	547
95.0	543
97.5	547
100.0	556
102.5	566
105.0	576
107.5	585
110.0	592
112.5	598
115.0	604
117.5	607
120.0	610
122.5	612
125.0	612
127.5	611
130.0	609
132.5	606
135.0	602
137.5	597
140.0	590
142.5	583
145.0	575
147.5	566
150.0	555
152.5	545
155.0	533
157.5	522
160.0	509
162.5	492
165.0	470
167.5	444
170.0	410
172.5	379
175.0	377
177.5	383
180.0	385

*MAXIMUM CANDELA VALUE