

LUMINAIRE: SAV-MH-30-8-SB22-P95-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and frosted acrylic lens
Data Scaled from Test# 17.00966
BALLAST: HLG-240H-C1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 22581
WATTS: 222.20
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.96 90° = 0.96
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.00

TEST #18395

DATE: 4/3/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 102

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35

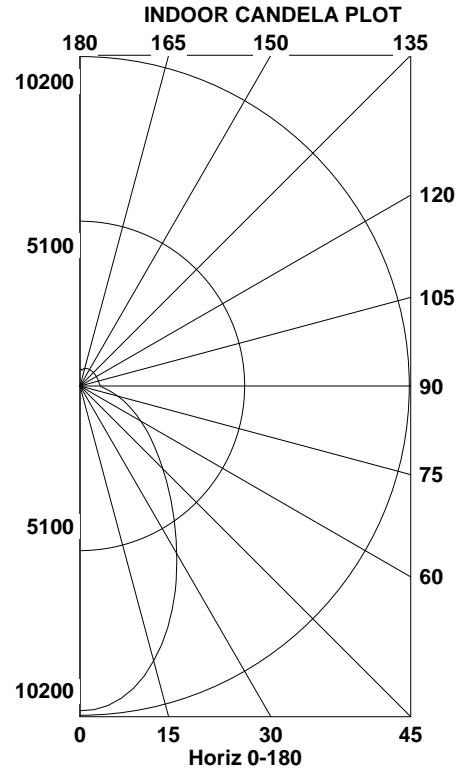
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6617	29.3	29.3
0-40	9807	43.4	43.4
0-60	14953	66.2	66.2
0-90	18879	83.6	83.6
90-120	1871	8.3	8.3
90-130	2401	10.6	10.6
90-150	3224	14.3	14.3
90-180	3703	16.4	16.4
0-180	22581	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	41124
30	20201
40	14477
45	12386
50	10696
55	9276
60	8055
65	7060
70	6156
75	5311
80	4546
85	3934



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	102	102	94	94	94	87	87	87	87	84
1	105	100	96	92	100	96	92	89	89	86	83	82	80	78	76	74	73	69
2	96	88	81	76	92	85	79	74	78	74	70	73	69	66	68	64	62	59
3	88	78	70	64	84	75	68	63	70	64	59	65	60	56	61	57	53	51
R 4	81	70	62	55	78	67	60	54	63	57	51	59	53	49	55	50	47	44
C 5	75	63	54	48	72	61	53	47	57	50	45	53	48	43	50	45	41	39
R 6	70	57	49	43	67	55	48	42	52	45	40	49	43	39	46	41	37	35
7	65	52	44	38	62	51	43	37	48	41	36	45	39	35	42	37	34	31
8	61	48	40	34	58	47	39	34	44	37	33	41	36	32	39	34	30	28
9	57	44	37	31	55	43	36	31	41	34	30	39	33	29	36	32	28	26
10	53	41	34	29	51	40	33	28	38	32	27	36	30	27	34	29	26	24

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	10049*
2.5	10029
5.0	9929
7.5	9752
10.0	9510
12.5	9194
15.0	8813
17.5	8402
20.0	7952
22.5	7469
25.0	6987
27.5	6491
30.0	5992
32.5	5531
35.0	5080
37.5	4662
40.0	4292
42.5	3949
45.0	3629
47.5	3343
50.0	3073
52.5	2821
55.0	2592
57.5	2376
60.0	2170
62.5	1989
65.0	1817
67.5	1652
70.0	1498
72.5	1349
75.0	1208
77.5	1077
80.0	954
82.5	842
85.0	750
87.5	678
90.0	638
92.5	621
95.0	608
97.5	599
100.0	592
102.5	588
105.0	586
107.5	585
110.0	586
112.5	587
115.0	588
117.5	589
120.0	591
122.5	593
125.0	591
127.5	589
130.0	587
132.5	587
135.0	587
137.5	587
140.0	586
142.5	586
145.0	586
147.5	586
150.0	585
152.5	585
155.0	585
157.5	585
160.0	585
162.5	578
165.0	567
167.5	551
170.0	522
172.5	489
175.0	504
177.5	526
180.0	537

*MAXIMUM CANDELA VALUE