

LUMINAIRE: SAV-MM-50-8-SB22-P95-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and frosted acrylic lens
Data Scaled from Test# 17.00954
BALLAST: HLG-185H-1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 20295
WATTS: 177.50
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.94 90° = 0.94
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.50

TEST #18276

DATE: 3/30/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 114

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.11

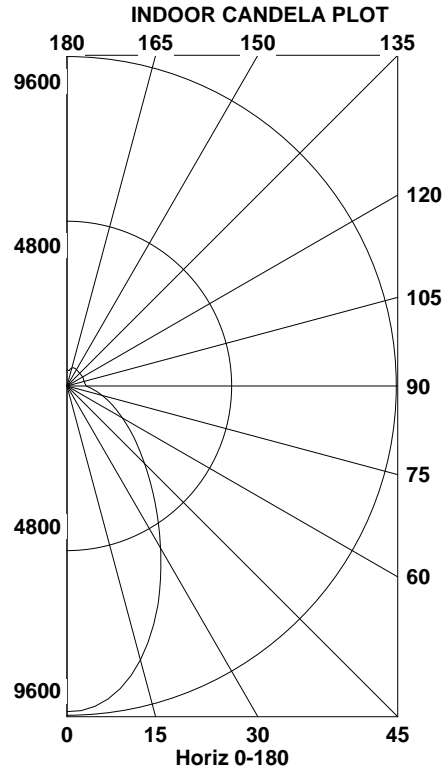
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6150	30.3	30.3
0-40	9019	44.4	44.4
0-60	13527	66.7	66.7
0-90	16969	83.6	83.6
90-120	1654	8.1	8.1
90-130	2124	10.5	10.5
90-150	2868	14.1	14.1
90-180	3325	16.4	16.4
0-180	20295	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	38833
30	16074
40	10891
45	9093
50	7621
55	6426
60	5434
65	4659
70	4004
75	3434
80	2929
85	2520



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	101	96	92	89	89	86	83	82	80	78	76	74	73	70	
2	96	88	82	76	92	85	79	74	79	74	70	73	69	66	68	65	62	59	
3	88	78	71	65	84	76	69	63	70	65	60	65	61	57	61	57	54	51	
R	4	81	70	62	56	78	68	60	55	63	57	52	59	54	50	55	51	47	45
C	5	75	63	55	49	72	61	54	48	57	51	46	54	48	44	50	46	42	40
R	6	70	58	49	43	67	56	48	43	52	46	41	49	44	39	46	42	38	35
	7	65	53	45	39	63	51	44	38	48	42	37	45	40	35	43	38	34	32
	8	61	48	41	35	59	47	40	34	44	38	33	42	36	32	40	35	31	29
	9	57	45	37	32	55	44	36	31	41	35	30	39	33	29	37	32	29	27
	10	54	42	34	29	52	40	34	29	38	32	28	36	31	27	35	30	26	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	9489*
2.5	9470
5.0	9370
7.5	9198
10.0	8952
12.5	8637
15.0	8262
17.5	7843
20.0	7391
22.5	6917
25.0	6427
27.5	5939
30.0	5451
32.5	4989
35.0	4565
37.5	4176
40.0	3824
42.5	3514
45.0	3211
47.5	2936
50.0	2686
52.5	2456
55.0	2243
57.5	2044
60.0	1864
62.5	1704
65.0	1558
67.5	1421
70.0	1294
72.5	1172
75.0	1063
77.5	958
80.0	860
82.5	774
85.0	694
87.5	620
90.0	563
92.5	547
95.0	536
97.5	526
100.0	520
102.5	518
105.0	517
107.5	518
110.0	520
112.5	521
115.0	523
117.5	525
120.0	525
122.5	524
125.0	524
127.5	523
130.0	523
132.5	522
135.0	523
137.5	525
140.0	528
142.5	534
145.0	540
147.5	546
150.0	552
152.5	559
155.0	562
157.5	565
160.0	565
162.5	556
165.0	542
167.5	522
170.0	492
172.5	452
175.0	453
177.5	469
180.0	476

*MAXIMUM CANDELA VALUE