

LUMINAIRE: SAV-MM-27-8-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: 18425
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 #18279

DATE: 3/30/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 104

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.31

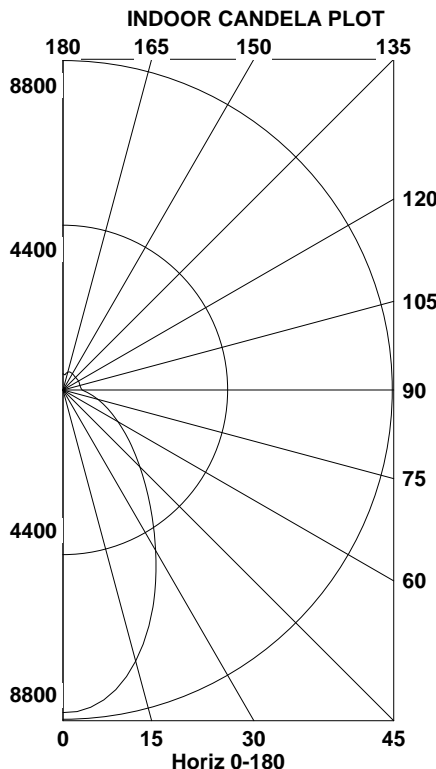
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5584	30.3	30.3
0-40	8188	44.4	44.4
0-60	12281	66.7	66.7
0-90	15406	83.6	83.6
90-120	1501	8.1	8.1
90-130	1928	10.5	10.5
90-150	2604	14.1	14.1
90-180	3019	16.4	16.4
0-180	18425	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	35256
30	14593
40	9889
45	8258
50	6921
55	5836
60	4933
65	4229
70	3635
75	3117
80	2657
85	2288



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	8615*
2.5	8597
5.0	8506
7.5	8350
10.0	8127
12.5	7841
15.0	7501
17.5	7121
20.0	6710
22.5	6280
25.0	5835
27.5	5392
30.0	4949
32.5	4529
35.0	4144
37.5	3792
40.0	3472
42.5	3190
45.0	2916
47.5	2666
50.0	2439
52.5	2230
55.0	2037
57.5	1856
60.0	1692
62.5	1547
65.0	1414
67.5	1290
70.0	1175
72.5	1064
75.0	965
77.5	869
80.0	780
82.5	703
85.0	630
87.5	563
90.0	511
92.5	497
95.0	486
97.5	478
100.0	472
102.5	470
105.0	469
107.5	470
110.0	472
112.5	473
115.0	475
117.5	477
120.0	477
122.5	476
125.0	476
127.5	475
130.0	475
132.5	474
135.0	475
137.5	477
140.0	480
142.5	484
145.0	490
147.5	496
150.0	501
152.5	507
155.0	510
157.5	513
160.0	513
162.5	505
165.0	492
167.5	474
170.0	447
172.5	411
175.0	412
177.5	426
180.0	432

*MAXIMUM CANDELA VALUE