

LUMINAIRE: SAV-MH-30-8-SB22-DLR-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and drop lens
Data Scaled from Test# 17.00969
BALLAST: HLG-240H-C1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 22645
WATTS: 221.90
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.08 90° = 1.08
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.50

TEST #18407

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

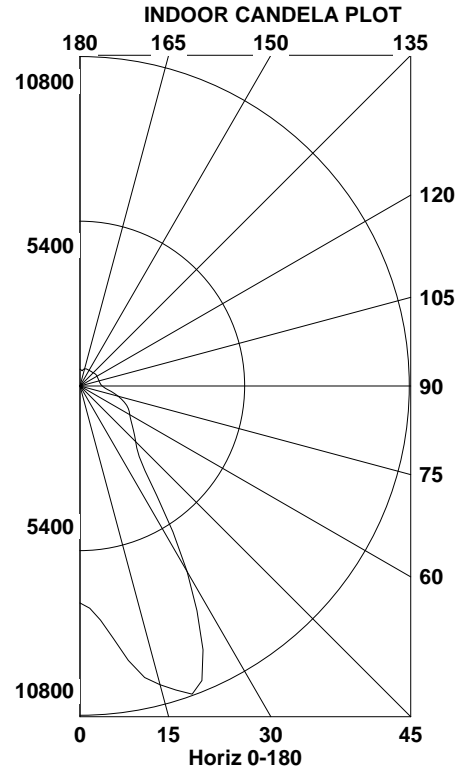
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7908	34.9	34.9
0-40	10784	47.6	47.6
0-60	14650	64.7	64.7
0-90	18666	82.4	82.4
90-120	2064	9.1	9.1
90-130	2640	11.7	11.7
90-150	3491	15.4	15.4
90-180	3979	17.6	17.6
0-180	22645	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	29109
30	20688
40	8598
45	7309
50	6518
55	5884
60	5492
65	5221
70	4783
75	4186
80	3529
85	3018



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	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	110	110	110	110	101	101	93	93	93	86	86	86	86	82
1	105	100	95	92	100	96	92	88	88	85	83	82	79	77	75	73	72	68
2	96	88	82	76	92	85	79	74	78	74	70	72	69	65	67	64	61	58
3	88	78	71	65	84	76	69	63	70	65	60	65	61	57	61	57	54	51
R 4	82	71	62	56	78	68	61	55	63	57	52	59	54	50	55	51	47	45
C 5	76	64	56	50	72	62	54	49	58	51	47	54	49	44	51	46	42	40
R 6	71	58	50	44	68	56	49	43	53	47	42	50	44	40	47	42	38	36
7	66	54	46	40	63	52	44	39	49	42	38	46	40	36	43	39	35	33
8	62	49	42	36	59	48	41	36	45	39	34	43	37	33	40	36	32	30
9	58	46	38	33	56	44	37	33	42	36	32	40	34	30	38	33	29	28
10	55	42	35	30	53	41	35	30	39	33	29	37	32	28	35	31	27	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	7113
2.5	7292
5.0	7701
7.5	8341
10.0	9133
12.5	9788
15.0	10137
17.5	10448
20.0	10752*
22.5	10451
25.0	9541
27.5	8300
30.0	7016
32.5	5675
35.0	4386
37.5	3497
40.0	3019
42.5	2757
45.0	2581
47.5	2431
50.0	2297
52.5	2169
55.0	2054
57.5	1961
60.0	1884
62.5	1819
65.0	1746
67.5	1655
70.0	1546
72.5	1425
75.0	1296
77.5	1164
80.0	1036
82.5	921
85.0	831
87.5	772
90.0	729
92.5	700
95.0	677
97.5	664
100.0	655
102.5	648
105.0	644
107.5	641
110.0	640
112.5	639
115.0	639
117.5	643
120.0	645
122.5	645
125.0	645
127.5	639
130.0	630
132.5	621
135.0	612
137.5	606
140.0	601
142.5	599
145.0	597
147.5	595
150.0	594
152.5	594
155.0	594
157.5	596
160.0	596
162.5	591
165.0	580
167.5	566
170.0	537
172.5	503
175.0	519
177.5	541
180.0	552

*MAXIMUM CANDELA VALUE