

LUMINAIRE: SAV-MM-930-8-SB22-DLR-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and drop lens
Data Scaled from Test# 17.00957
BALLAST: HLG-185H-1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 16257
WATTS: 177.50
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.09 90° = 1.09
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.50

TEST #19125

DATE: 3/30/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 92

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.64

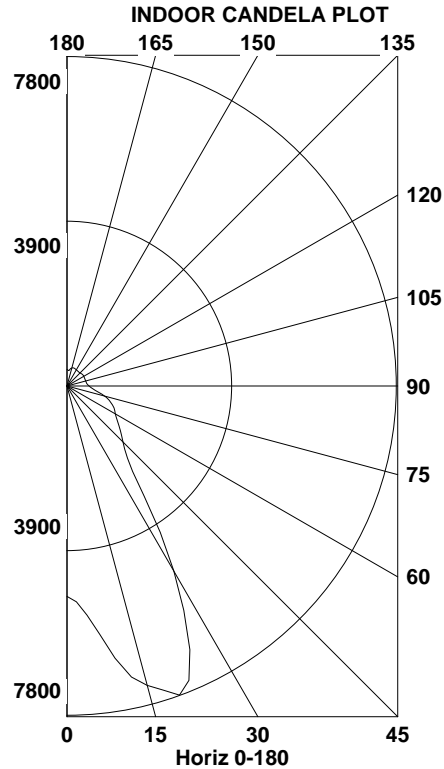
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5699	35.1	35.1
0-40	7787	47.9	47.9
0-60	10570	65.0	65.0
0-90	13398	82.4	82.4
90-120	1465	9.0	9.0
90-130	1876	11.5	11.5
90-150	2491	15.3	15.3
90-180	2860	17.6	17.6
0-180	16257	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	20380
30	14891
40	6346
45	5313
50	4690
55	4183
60	3857
65	3669
70	3366
75	2959
80	2483
85	2125



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	110	110	110	110	101	101	93	93	93	86	86	86	86	82	
1	105	100	96	92	100	96	92	89	88	85	83	82	79	77	75	73	72	69	
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59	
3	88	79	71	65	84	76	69	63	70	65	60	65	61	57	61	57	54	51	
R 4	82	71	63	57	78	68	61	55	64	57	53	59	54	50	55	51	48	45	
C 5	76	64	56	50	73	62	54	49	58	52	47	54	49	45	51	46	43	40	
R 6	71	58	50	44	68	57	49	44	53	47	42	50	44	40	47	42	39	36	
7	66	54	46	40	63	52	45	39	49	43	38	46	41	36	43	39	35	33	
8	62	49	42	36	59	48	41	36	45	39	35	43	37	33	40	36	32	30	
9	58	46	38	33	56	45	37	33	42	36	32	40	35	31	38	33	30	28	
10	55	43	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	4980
2.5	5115
5.0	5444
7.5	5926
10.0	6542
12.5	7057
15.0	7336
17.5	7545
20.0	7788*
22.5	7546
25.0	6887
27.5	5987
30.0	5050
32.5	4110
35.0	3181
37.5	2552
40.0	2228
42.5	2020
45.0	1876
47.5	1756
50.0	1653
52.5	1552
55.0	1460
57.5	1385
60.0	1323
62.5	1277
65.0	1227
67.5	1164
70.0	1088
72.5	1006
75.0	916
77.5	822
80.0	729
82.5	649
85.0	585
87.5	543
90.0	514
92.5	493
95.0	479
97.5	470
100.0	464
102.5	460
105.0	457
107.5	456
110.0	455
112.5	455
115.0	456
117.5	459
120.0	461
122.5	461
125.0	461
127.5	456
130.0	450
132.5	443
135.0	437
137.5	434
140.0	433
142.5	434
145.0	436
147.5	439
150.0	443
152.5	447
155.0	452
157.5	455
160.0	457
162.5	452
165.0	440
167.5	425
170.0	400
172.5	369
175.0	370
177.5	384
180.0	391

*MAXIMUM CANDELA VALUE