

LUMINAIRE: SAV-LX-940-8-SB16-P95-U-GG
Savanno Decorative Led, Highbay
16" led with suspended bead refractor and frosted acrylic lens
Data Scaled from Test# 17.00992
BALLAST: HLG-60H-54B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 9395
WATTS: 95.60
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.92 90° = 0.92
LUMINOUS OPENING IN FEET
LENGTH: 1.33
WIDTH: 1.33
HEIGHT: 0.92

TEST #19233

DATE: 4/5/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 98

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.45

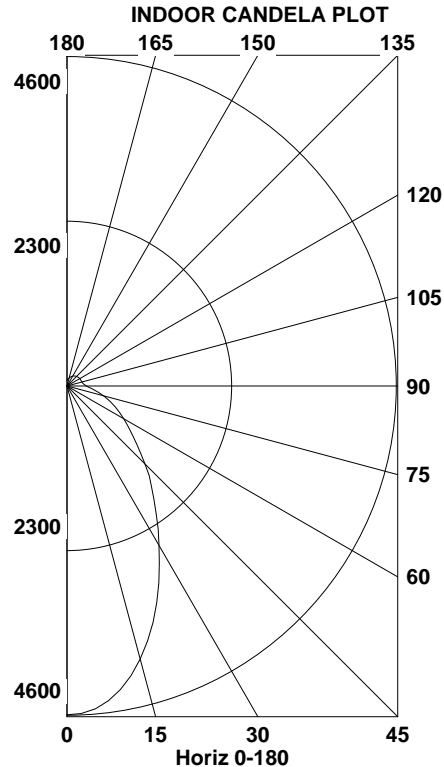
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2926	31.1	31.1
0-40	4290	45.7	45.7
0-60	6452	68.7	68.7
0-90	8147	86.7	86.7
90-120	703	7.5	7.5
90-130	884	9.4	9.4
90-150	1138	12.1	12.1
90-180	1248	13.3	13.3
0-180	9395	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	35570
30	15242
40	10666
45	8960
50	7516
55	6431
60	5602
65	4906
70	4292
75	3673
80	3126
85	2667



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%				10%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	116	116	116	116	112	112	112	112	104	104	96	96	96	96	90	90	90	87
1	106	101	96	93	101	97	93	90	90	87	85	84	82	80	79	77	75	72
2	97	89	82	77	93	86	80	75	80	75	71	75	71	67	70	67	64	61
3	89	79	71	65	85	76	69	63	71	65	61	67	62	58	63	59	55	53
R 4	82	71	62	56	79	68	61	55	64	58	53	60	55	51	57	52	49	46
C 5	76	64	55	49	73	62	54	48	58	52	46	55	49	45	52	47	43	41
R 6	70	58	50	44	68	56	49	43	53	46	41	50	45	40	48	43	39	37
7	66	53	45	39	63	52	44	38	49	42	37	46	41	36	44	39	35	33
8	61	49	41	35	59	48	40	35	45	39	34	43	37	33	41	36	32	30
9	58	45	37	32	56	44	37	32	42	35	31	40	34	30	38	33	29	27
10	54	42	34	30	52	41	34	29	39	33	28	37	32	28	36	31	27	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	4591*
2.5	4578
5.0	4525
7.5	4432
10.0	4303
12.5	4140
15.0	3949
17.5	3737
20.0	3512
22.5	3274
25.0	3032
27.5	2793
30.0	2570
32.5	2368
35.0	2171
37.5	1991
40.0	1834
42.5	1699
45.0	1538
47.5	1396
50.0	1278
52.5	1170
55.0	1075
57.5	991
60.0	913
62.5	839
65.0	773
67.5	710
70.0	648
72.5	585
75.0	526
77.5	471
80.0	420
82.5	374
85.0	332
87.5	296
90.0	267
92.5	255
95.0	242
97.5	231
100.0	225
102.5	219
105.0	217
107.5	214
110.0	212
112.5	210
115.0	210
117.5	208
120.0	206
122.5	204
125.0	202
127.5	199
130.0	196
132.5	193
135.0	189
137.5	184
140.0	180
142.5	176
145.0	172
147.5	166
150.0	160
152.5	154
155.0	146
157.5	138
160.0	131
162.5	124
165.0	117
167.5	110
170.0	102
172.5	94
175.0	84
177.5	84
180.0	86

*MAXIMUM CANDELA VALUE