

LUMINAIRE: SAV-LH-30-8-WW16-P95-U-GG
Savanno Decorative Led, Highbay
16" led with white translucent reflector and frosted acrylic lens
Data Scaled from Test# 17.00618
BALLAST: HLG-40H-54B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 7341
WATTS: 72.70
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.97 90° = 0.97
LUMINOUS OPENING IN FEET
LENGTH: 1.33
WIDTH: 1.33
HEIGHT: 0.92

TEST #18094

DATE: 3/3/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 101

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.38

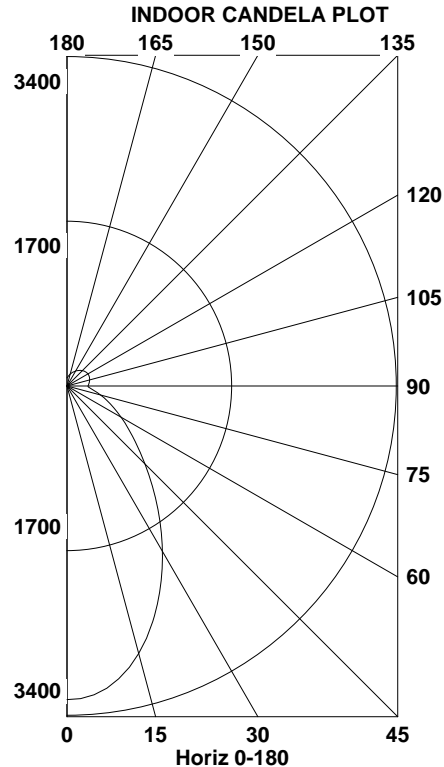
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2152	29.3	29.3
0-40	3194	43.5	43.5
0-60	4778	65.1	65.1
0-90	5955	81.1	81.1
90-120	750	10.2	10.2
90-130	969	13.2	13.2
90-150	1266	17.2	17.2
90-180	1386	18.9	18.9
0-180	7341	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	25079
30	11713
40	8043
45	6618
50	5528
55	4649
60	3958
65	3389
70	2915
75	2500
80	2143
85	1896



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	101	92	92	92	85	85	85	81	
1	104	100	96	92	100	96	92	88	88	85	82	81	79	76	74	73	71	68	
2	96	88	81	76	91	84	79	74	78	73	69	72	68	65	66	63	61	58	
3	88	78	70	64	84	75	68	63	69	64	59	64	60	56	59	56	53	50	
R	4	81	70	62	56	77	67	60	54	63	56	51	58	53	49	54	50	46	44
C	5	75	63	55	49	72	61	53	48	57	50	45	53	47	43	49	45	41	39
R	6	70	57	49	43	67	55	48	42	52	45	40	48	43	39	45	41	37	35
	7	65	52	44	39	62	51	43	38	47	41	36	45	39	35	42	37	33	31
	8	61	48	40	35	58	47	39	34	44	37	33	41	36	32	39	34	30	28
	9	57	44	37	32	55	43	36	31	41	34	30	38	33	29	36	31	28	26
	10	53	41	34	29	51	40	33	28	38	32	27	36	30	27	34	29	26	24

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	3237*
2.5	3229
5.0	3199
7.5	3146
10.0	3068
12.5	2973
15.0	2859
17.5	2730
20.0	2587
22.5	2434
25.0	2277
27.5	2127
30.0	1975
32.5	1813
35.0	1664
37.5	1516
40.0	1383
42.5	1252
45.0	1136
47.5	1034
50.0	940
52.5	854
55.0	777
57.5	708
60.0	645
62.5	587
65.0	534
67.5	485
70.0	440
72.5	398
75.0	358
77.5	322
80.0	288
82.5	259
85.0	236
87.5	220
90.0	217
92.5	221
95.0	226
97.5	230
100.0	235
102.5	239
105.0	242
107.5	245
110.0	248
112.5	249
115.0	250
117.5	250
120.0	249
122.5	248
125.0	245
127.5	240
130.0	236
132.5	231
135.0	225
137.5	219
140.0	212
142.5	204
145.0	195
147.5	187
150.0	178
152.5	169
155.0	160
157.5	152
160.0	143
162.5	134
165.0	128
167.5	120
170.0	112
172.5	103
175.0	92
177.5	86
180.0	85

*MAXIMUM CANDELA VALUE