

LUMINAIRE: SAV-LH-40-8-SB16-N-U-GG

Savanno Decorative Led, Highbay
16" led with suspended bead refractor
Data Scaled from Test# 17.00996

BALLAST: HLG-40H-54B

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 8455

WATTS: 72.70

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 0.96 90° = 0.96

LUMINOUS OPENING IN FEET

LENGTH: 1.83

WIDTH: 1.83

HEIGHT: 1.00

TEST #18437

DATE: 4/4/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 116

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.07

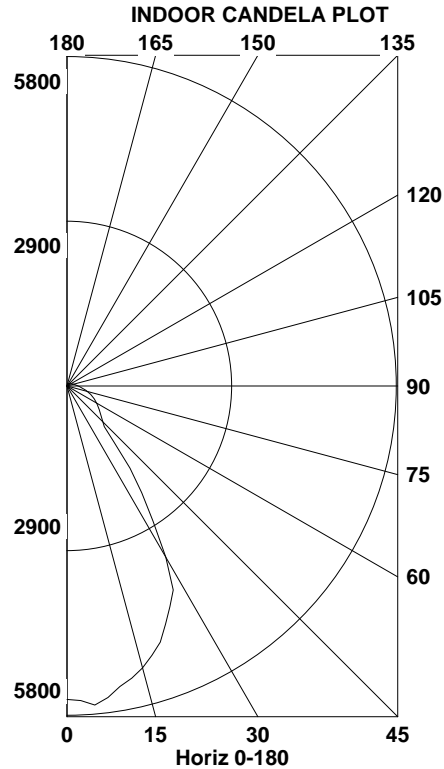
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3927	46.5	46.5
0-40	5369	63.5	63.5
0-60	6697	79.2	79.2
0-90	7874	93.1	93.1
90-120	401	4.7	4.7
90-130	466	5.5	5.5
90-150	543	6.4	6.4
90-180	581	6.9	6.9
0-180	8455	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	22582
30	11712
40	4314
45	3044
50	2687
55	2444
60	2242
65	2032
70	1841
75	1618
80	1420
85	1269



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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	108	104	100	97	105	101	98	95	96	93	90	91	89	87	86	84	83	80
2	100	93	88	83	97	91	86	81	86	82	78	82	79	76	78	75	73	71
3	93	84	78	72	91	82	76	71	79	73	69	75	71	67	72	68	65	63
R 4	87	77	70	64	84	75	68	63	72	66	62	69	64	60	66	62	59	56
C 5	81	71	63	57	79	69	62	57	66	60	56	64	59	54	61	57	53	51
R 6	76	65	57	52	74	64	57	51	61	55	51	59	54	50	57	52	49	47
7	72	60	53	47	70	59	52	47	57	51	46	55	50	46	53	49	45	43
8	68	56	49	44	66	55	48	43	53	47	43	52	46	42	50	45	41	40
9	64	52	45	40	62	51	45	40	50	44	40	48	43	39	47	42	39	37
10	60	49	42	37	59	48	42	37	47	41	37	46	40	36	44	39	36	34

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	5518
2.5	5542
5.0	5638*
7.5	5532
10.0	5371
12.5	5268
15.0	5138
17.5	4971
20.0	4800
22.5	4537
25.0	4289
27.5	4049
30.0	3474
32.5	2817
35.0	2294
37.5	1825
40.0	1279
42.5	970
45.0	892
47.5	821
50.0	772
52.5	725
55.0	683
57.5	644
60.0	604
62.5	562
65.0	523
67.5	485
70.0	448
72.5	407
75.0	368
77.5	333
80.0	298
82.5	268
85.0	242
87.5	218
90.0	196
92.5	180
95.0	162
97.5	150
100.0	139
102.5	129
105.0	121
107.5	114
110.0	107
112.5	99
115.0	93
117.5	86
120.0	81
122.5	76
125.0	71
127.5	67
130.0	63
132.5	60
135.0	58
137.5	56
140.0	54
142.5	53
145.0	52
147.5	50
150.0	50
152.5	49
155.0	48
157.5	47
160.0	46
162.5	44
165.0	43
167.5	41
170.0	39
172.5	36
175.0	31
177.5	30
180.0	30

*MAXIMUM CANDELA VALUE