

LUMINAIRE: SAV-LH-30-8-WW16-N-U-GG
Savanno Decorative Led, Highbay
16" led with white translucent acrylic reflector
Data Scaled from Test# 17.00614

BALLAST: HLG-40H-54B
BALLAST FACTOR: 1.00

LAMP: Led
FIXTURE LUMENS: 7722

WATTS: 72.70

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 0.98 90° = 0.98

LUMINOUS OPENING IN FEET

LENGTH: 0.92

WIDTH: 0.92

HEIGHT: 1.25

TEST #18209

DATE: 3/3/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 106

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.26

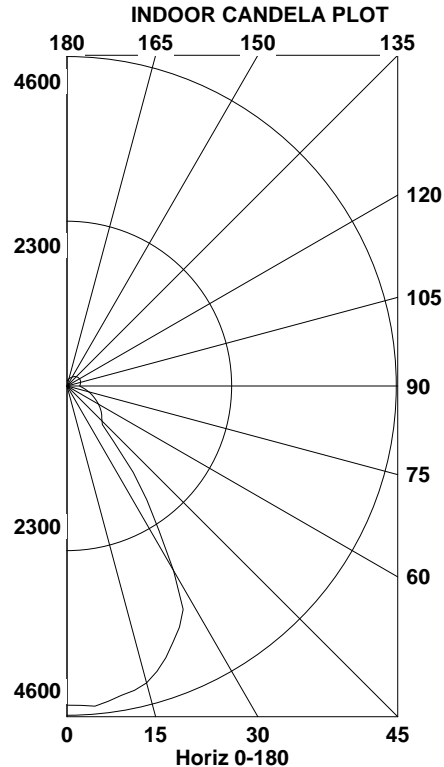
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3308	42.8	42.8
0-40	4522	58.6	58.6
0-60	5596	72.5	72.5
0-90	6598	85.4	85.4
90-120	608	7.9	7.9
90-130	785	10.2	10.2
90-150	1026	13.3	13.3
90-180	1124	14.6	14.6
0-180	7722	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	72184
30	27857
40	8751
45	5813
50	5216
55	4661
60	4117
65	3571
70	3094
75	2643
80	2225
85	1878



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	80%																																							
	70%			50%			30%			10%			70%			50%			30%			10%			0%															
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89				
1	107	102	98	95	102	99	95	92	92	89	87	85	83	81	80	78	77	74	74	72	70	67	65	65	63	63	60	58	58	58	58	58	58	58	58	58				
2	99	92	86	81	95	88	83	79	83	78	75	77	74	71	72	70	67	65	66	63	66	63	60	58	58	58	58	58	58	58	58	58	58	58	58	58	58			
3	92	83	76	70	88	80	74	69	75	70	66	71	66	63	66	63	60	58	66	63	66	63	60	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58		
R 4	85	75	68	62	82	73	66	61	69	63	59	65	60	56	61	57	54	52	60	56	61	57	54	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52		
C 5	80	69	61	56	77	67	60	55	63	57	53	60	55	51	57	53	49	47	55	51	57	53	49	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47		
R 6	75	63	56	50	72	62	55	49	58	52	48	56	50	46	53	48	45	43	50	46	53	48	45	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	
7	70	58	51	46	68	57	50	45	54	48	44	52	46	43	49	45	41	39	46	43	49	45	41	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	
8	66	54	47	42	64	53	46	41	51	45	40	48	43	39	46	42	38	36	43	40	46	42	38	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
9	62	50	43	39	60	49	43	38	47	41	37	45	40	36	43	39	35	33	40	36	43	39	35	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
10	59	47	40	36	57	46	40	35	44	39	35	43	37	34	41	36	33	31	37	34	41	36	33	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31

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	4458
2.5	4463
5.0	4487*
7.5	4440
10.0	4385
12.5	4352
15.0	4292
17.5	4178
20.0	4037
22.5	3868
25.0	3714
27.5	3515
30.0	2978
32.5	2386
35.0	1943
37.5	1521
40.0	1015
42.5	731
45.0	693
47.5	659
50.0	634
52.5	606
55.0	573
57.5	541
60.0	508
62.5	473
65.0	439
67.5	407
70.0	376
72.5	345
75.0	315
77.5	286
80.0	258
82.5	233
85.0	210
87.5	190
90.0	176
92.5	179
95.0	183
97.5	187
100.0	191
102.5	193
105.0	196
107.5	198
110.0	201
112.5	202
115.0	203
117.5	203
120.0	202
122.5	200
125.0	198
127.5	195
130.0	191
132.5	187
135.0	182
137.5	177
140.0	171
142.5	165
145.0	159
147.5	152
150.0	145
152.5	137
155.0	131
157.5	124
160.0	117
162.5	110
165.0	104
167.5	99
170.0	92
172.5	85
175.0	75
177.5	71
180.0	69

*MAXIMUM CANDELA VALUE