

LUMINAIRE: SAV-LH-27-8-WA16-DLR-U-GG

Savanno Decorative Led, Highbay
16" clear acrylic refractor and drop lens
Data Scaled from Test# 17.00881

BALLAST: HLG-40H-54B

BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 6801

WATTS: 72.60

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 0.94 90° = 0.94

LUMINOUS OPENING IN FEET

LENGTH: 1.33

WIDTH: 1.33

HEIGHT: 0.00

TEST #18267

DATE: 3/28/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 94

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.58

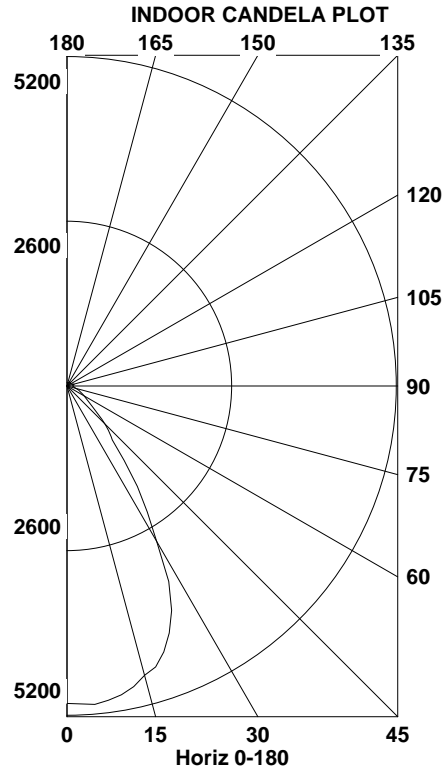
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3564	52.4	52.4
0-40	4764	70.1	70.1
0-60	5775	84.9	84.9
0-90	6292	92.5	92.5
90-120	296	4.4	4.4
90-130	356	5.2	5.2
90-150	461	6.8	6.8
90-180	509	7.5	7.5
0-180	6801	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	38824
30	25372
40	11237
45	9259
50	6726
55	5309
60	4897
65	4547
70	4417
75	4371
80	5220
85	8801



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%	0%
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	110	106	103	100	106	103	100	97	98	95	93	92	91	89	88	86	85	83
2	102	96	91	87	99	94	89	85	89	85	82	85	82	79	81	79	77	74
3	96	88	82	77	93	86	80	76	82	77	73	79	75	71	75	72	69	67
R 4	90	81	74	69	87	79	73	68	76	70	66	73	68	65	70	66	63	61
C 5	84	74	67	62	82	73	66	62	70	65	60	68	63	59	65	61	58	56
R 6	79	69	62	57	77	68	61	56	65	60	55	63	58	54	61	57	53	51
7	75	64	57	52	73	63	56	52	61	55	51	59	54	50	57	53	49	48
8	71	60	53	48	69	59	52	48	57	51	47	55	50	46	54	49	46	44
9	67	56	49	45	65	55	49	44	53	48	44	52	47	43	51	46	43	41
10	63	52	46	41	62	52	45	41	50	45	41	49	44	40	48	43	40	38

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	5011
2.5	5022
5.0	5046*
7.5	5002
10.0	4950
12.5	4861
15.0	4728
17.5	4649
20.0	4467
22.5	4220
25.0	3910
27.5	3478
30.0	2836
32.5	2359
35.0	1936
37.5	1481
40.0	1111
42.5	980
45.0	845
47.5	699
50.0	558
52.5	452
55.0	393
57.5	352
60.0	316
62.5	279
65.0	248
67.5	222
70.0	195
72.5	169
75.0	146
77.5	130
80.0	117
82.5	112
85.0	99
87.5	91
90.0	88
92.5	89
95.0	93
97.5	103
100.0	113
102.5	115
105.0	111
107.5	104
110.0	95
112.5	82
115.0	75
117.5	70
120.0	66
122.5	66
125.0	66
127.5	67
130.0	69
132.5	73
135.0	76
137.5	79
140.0	79
142.5	79
145.0	75
147.5	70
150.0	67
152.5	63
155.0	61
157.5	57
160.0	54
162.5	52
165.0	50
167.5	50
170.0	49
172.5	49
175.0	48
177.5	54
180.0	56

*MAXIMUM CANDELA VALUE