

LUMINAIRE: SAV-LH-940-8-WA16-N-U-GG

Savanno Decorative Led, Highbay
16" led with clear acrylic refractor
Data Scaled from Test# 17.00878

BALLAST: HLG-40H-54B - 600mA
BALLAST FACTOR: 1.00

LAMP: Led

FIXTURE LUMENS: 7140

WATTS: 72.70

MOUNTING: Pendant

SHIELDING ANGLE: 0° = 90 90° = 90

SPACING CRITERION: 0° = 0.90 90° = 0.90

LUMINOUS OPENING IN FEET

LENGTH: 1.33

WIDTH: 1.33

HEIGHT: 0.00

TEST #19091

DATE: 3/28/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 98

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE

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

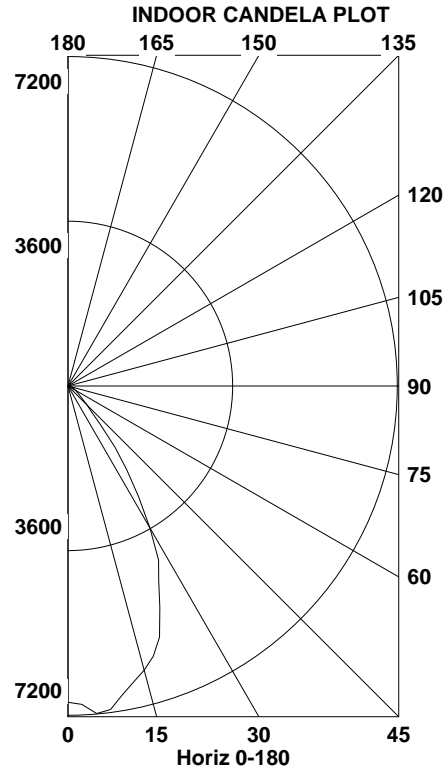
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4645	65.1	65.1
0-40	6058	84.8	84.8
0-60	6773	94.9	94.9
0-90	7024	98.4	98.4
90-120	65	0.9	0.9
90-130	81	1.1	1.1
90-150	103	1.4	1.4
90-180	116	1.6	1.6
0-180	7140	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	53552
30	32028
40	11166
45	6454
50	4387
55	3323
60	2929
65	2585
70	2492
75	2155
80	1919
85	2222



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	98
1	112	109	107	104	110	107	104	102	103	101	99	97	96	95	94	93	91	
2	106	101	96	93	104	99	95	91	95	92	89	92	89	87	89	87	85	83
3	100	93	88	84	98	92	87	83	89	85	81	86	83	80	84	81	78	77
R	4	95	87	81	76	93	85	80	76	83	78	74	81	77	73	79	75	71
C	5	90	81	74	70	88	80	74	69	78	73	69	76	71	68	74	70	66
R	6	85	75	69	64	83	74	69	64	73	68	64	71	67	63	70	66	61
	7	80	71	64	60	79	70	64	60	68	63	59	67	62	59	66	62	57
	8	76	66	60	56	75	66	60	56	64	59	55	63	58	55	62	58	53
	9	73	62	56	52	71	62	56	52	61	55	52	60	55	51	59	54	50
	10	69	59	53	49	68	58	53	49	58	52	49	57	52	48	56	51	47

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	6912
2.5	6964
5.0	7185*
7.5	7131
10.0	6852
12.5	6627
15.0	6429
17.5	6193
20.0	5844
22.5	5241
25.0	4693
27.5	4289
30.0	3580
32.5	2878
35.0	2242
37.5	1687
40.0	1104
42.5	739
45.0	589
47.5	471
50.0	364
52.5	288
55.0	246
57.5	218
60.0	189
62.5	160
65.0	141
67.5	126
70.0	110
72.5	91
75.0	72
77.5	57
80.0	43
82.5	35
85.0	25
87.5	21
90.0	19
92.5	16
95.0	15
97.5	14
100.0	16
102.5	19
105.0	24
107.5	27
110.0	28
112.5	27
115.0	25
117.5	21
120.0	20
122.5	18
125.0	18
127.5	17
130.0	16
132.5	16
135.0	16
137.5	15
140.0	15
142.5	15
145.0	15
147.5	15
150.0	15
152.5	15
155.0	15
157.5	15
160.0	15
162.5	16
165.0	16
167.5	16
170.0	17
172.5	16
175.0	15
177.5	14
180.0	14

*MAXIMUM CANDELA VALUE