

LUMINAIRE: SAV-LX-935-8-SB16-CDL-U-GG
Savanno Decorative Led, Highbay
16" led with suspended bead refractor and conical drop lens
Data Scaled from Test# 17.00993
BALLAST: HLG-60H-54B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 9149
WATTS: 95.60
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.18 90° = 1.18
LUMINOUS OPENING IN FEET
LENGTH: 1.33
WIDTH: 1.33
HEIGHT: 1.08

TEST #19237

DATE: 4/5/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 96

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.53

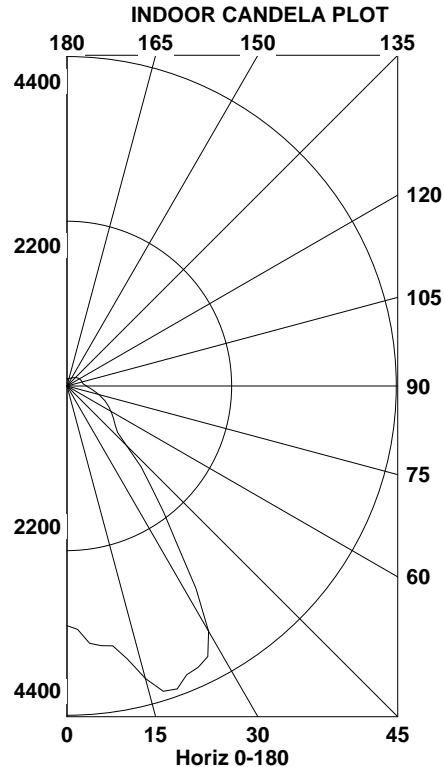
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3369	36.8	36.8
0-40	5017	54.8	54.8
0-60	6619	72.3	72.3
0-90	8012	87.6	87.6
90-120	672	7.3	7.3
90-130	836	9.1	9.1
90-150	1044	11.4	11.4
90-180	1136	12.4	12.4
0-180	9149	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	24801
30	21193
40	9418
45	6050
50	4595
55	4140
60	3770
65	3425
70	3079
75	2699
80	2353
85	2101



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%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	91	88										
1	106	102	98	94	102	98	95	91	92	89	86	84	81	80	79	77	74	74	74										
2	98	90	84	79	94	87	82	77	82	77	73	77	73	70	72	69	67	64	64										
3	90	81	74	68	87	79	72	66	74	68	64	70	65	61	66	62	59	56	56										
R 4	84	73	65	59	81	71	64	58	67	61	56	63	58	54	60	56	52	50	50										
C 5	78	66	58	52	75	65	57	52	61	55	50	58	53	48	55	50	47	44	44										
R 6	73	61	53	47	70	59	52	46	56	50	45	53	48	44	51	46	42	40	40										
7	68	56	48	42	65	54	47	42	52	45	41	49	44	39	47	42	38	36	36										
8	64	51	44	38	61	50	43	38	48	41	37	46	40	36	44	39	35	33	33										
9	60	47	40	35	58	46	39	35	44	38	34	43	37	33	41	36	32	30	30										
10	56	44	37	32	54	43	36	32	41	35	31	40	34	30	38	33	30	28	28										

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	3201
2.5	3253
5.0	3450
7.5	3498
10.0	3524
12.5	3736
15.0	4045
17.5	4275
20.0	4305*
22.5	4176
25.0	4146
27.5	4074
30.0	3783
32.5	3205
35.0	2536
37.5	2117
40.0	1739
42.5	1464
45.0	1123
47.5	917
50.0	851
52.5	801
55.0	759
57.5	718
60.0	679
62.5	639
65.0	601
67.5	564
70.0	522
72.5	478
75.0	438
77.5	398
80.0	362
82.5	331
85.0	303
87.5	279
90.0	260
92.5	246
95.0	231
97.5	220
100.0	214
102.5	210
105.0	208
107.5	205
110.0	204
112.5	202
115.0	199
117.5	196
120.0	192
122.5	188
125.0	183
127.5	178
130.0	172
132.5	165
135.0	158
137.5	151
140.0	145
142.5	139
145.0	135
147.5	130
150.0	125
152.5	121
155.0	116
157.5	112
160.0	108
162.5	106
165.0	104
167.5	101
170.0	98
172.5	94
175.0	89
177.5	95
180.0	102

*MAXIMUM CANDELA VALUE