

LUMINAIRE: SAV-LX-35-8-SB16-DLR-U-GG
Savanno Decorative Led, Highbay
16" led with suspended bead refractor and drop lens
BALLAST: HLG-60H-54B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 10123
WATTS: 95.60
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.04 90° = 1.04
LUMINOUS OPENING IN FEET
LENGTH: 1.33
WIDTH: 1.33
HEIGHT: 1.33

TEST #17.00995

DATE: 4/5/2017

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 = \$2.29

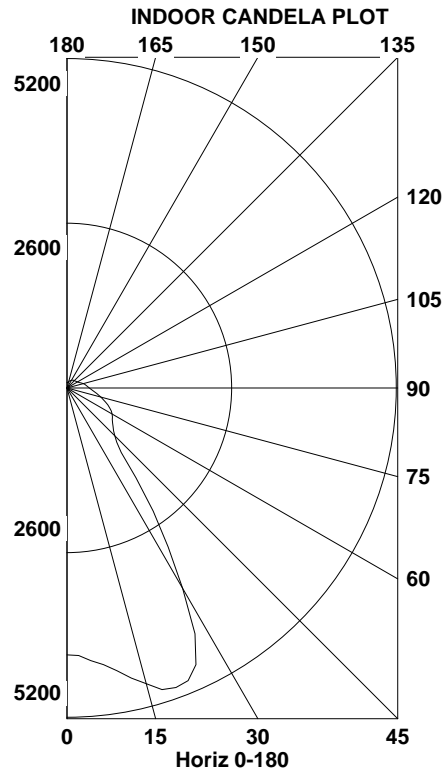
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3921	38.7	38.7
0-40	5408	53.4	53.4
0-60	7038	69.5	69.5
0-90	8800	86.9	86.9
90-120	839	8.3	8.3
90-130	1001	9.9	9.9
90-150	1224	12.1	12.1
90-180	1323	13.1	13.1
0-180	10123	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	32634
30	18794
40	6503
45	5143
50	4539
55	4189
60	3974
65	3661
70	3248
75	2857
80	2562
85	2315



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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	106	101	97	93	102	98	94	90	91	88	85	85	82	80	79	77	76	73
2	97	90	83	78	93	87	81	76	81	76	72	76	72	69	71	68	65	63
3	90	80	73	67	86	78	71	65	73	67	63	69	64	60	64	61	57	55
R	4	83	72	65	58	80	70	63	57	66	60	55	62	57	53	59	55	49
C	5	77	66	58	52	75	64	57	51	61	54	49	57	52	48	54	50	44
R	6	72	60	52	47	70	59	51	46	56	49	44	53	47	43	50	45	40
	7	68	56	48	42	65	54	47	42	51	45	40	49	43	39	47	42	36
	8	64	51	44	38	61	50	43	38	48	41	37	46	40	36	44	39	33
	9	60	48	40	35	58	47	40	35	45	38	34	43	37	33	41	36	31
	10	56	44	37	32	55	43	37	32	42	36	31	40	34	31	38	33	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	4212
2.5	4227
5.0	4320
7.5	4404
10.0	4532
12.5	4690
15.0	4832
17.5	4992
20.0	5030*
22.5	4999
25.0	4817
27.5	4374
30.0	3645
32.5	2972
35.0	2373
37.5	1786
40.0	1330
42.5	1161
45.0	1067
47.5	997
50.0	948
52.5	907
55.0	874
57.5	849
60.0	822
62.5	788
65.0	745
67.5	696
70.0	645
72.5	595
75.0	549
77.5	508
80.0	472
82.5	439
85.0	405
87.5	373
90.0	346
92.5	334
95.0	320
97.5	306
100.0	296
102.5	281
105.0	266
107.5	250
110.0	235
112.5	220
115.0	208
117.5	198
120.0	191
122.5	184
125.0	180
127.5	176
130.0	172
132.5	169
135.0	166
137.5	163
140.0	159
142.5	155
145.0	150
147.5	146
150.0	141
152.5	135
155.0	130
157.5	123
160.0	117
162.5	112
165.0	107
167.5	102
170.0	96
172.5	89
175.0	81
177.5	83
180.0	88

*MAXIMUM CANDELA VALUE