

LUMINAIRE: SAV-LX-40-8-WW16-CRL-U-GG
Savanno Decorative Led, Highbay
16" led with white acrylic refractor and clear lens
Data Scaled from Test# 17.00984
BALLAST: Mean Well HLG-60H-54B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 10576
WATTS: 95.60
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.95 90° = 0.95
LUMINOUS OPENING IN FEET
LENGTH: 1.33
WIDTH: 1.33
HEIGHT: 1.00

TEST #18386

DATE: 3/31/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 111

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.18

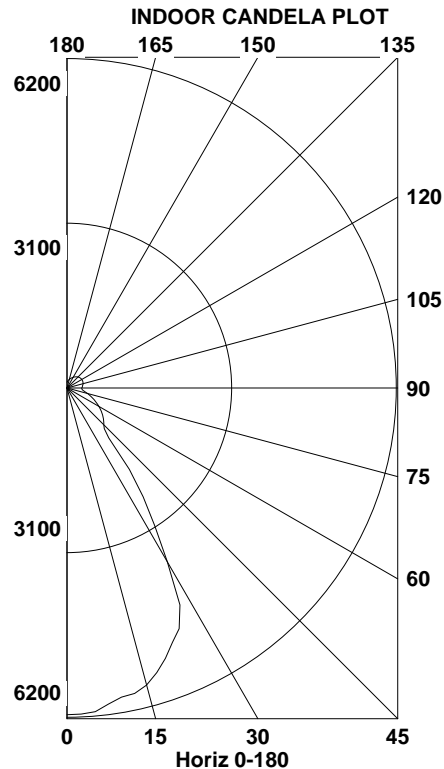
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	4424	41.8	41.8
0-40	5971	56.5	56.5
0-60	7458	70.5	70.5
0-90	8782	83.0	83.0
90-120	965	9.1	9.1
90-130	1249	11.8	11.8
90-150	1636	15.5	15.5
90-180	1794	17.0	17.0
0-180	10576	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	47641
30	21705
40	6871
45	5480
50	5028
55	4554
60	4040
65	3525
70	3045
75	2605
80	2255
85	2107



0.0

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%			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	115	115	115	115	110	110	110	110	102	102	94	94	94	86	86	86	86	83
1	106	102	98	94	102	98	94	91	91	88	85	84	82	80	78	76	75	71
2	98	91	85	80	94	88	82	78	82	77	74	76	73	70	71	68	66	63
3	91	82	75	70	87	79	73	68	74	69	65	69	65	62	65	61	59	56
R 4	85	75	67	62	81	72	65	60	68	62	58	64	59	55	60	56	53	50
C 5	79	68	61	55	76	66	59	54	62	56	52	59	54	50	55	51	48	46
R 6	74	63	55	50	71	61	54	49	58	52	47	54	49	45	51	47	44	42
7	69	58	50	45	67	56	49	44	53	47	43	51	46	42	48	44	40	38
8	65	54	46	41	63	52	46	41	50	44	40	47	42	38	45	41	37	35
9	62	50	43	38	59	49	42	38	47	41	37	44	39	36	42	38	35	33
10	58	47	40	35	56	46	39	35	44	38	34	42	37	33	40	35	32	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	6149*
2.5	6143
5.0	6116
7.5	5998
10.0	5906
12.5	5889
15.0	5788
17.5	5616
20.0	5416
22.5	5182
25.0	4997
27.5	4604
30.0	3767
32.5	3072
35.0	2501
37.5	1931
40.0	1225
42.5	1037
45.0	979
47.5	934
50.0	893
52.5	849
55.0	798
57.5	747
60.0	693
62.5	639
65.0	587
67.5	538
70.0	488
72.5	442
75.0	398
77.5	359
80.0	325
82.5	299
85.0	283
87.5	277
90.0	278
92.5	286
95.0	291
97.5	295
100.0	301
102.5	307
105.0	312
107.5	315
110.0	319
112.5	321
115.0	322
117.5	323
120.0	322
122.5	320
125.0	317
127.5	313
130.0	307
132.5	300
135.0	293
137.5	285
140.0	275
142.5	266
145.0	256
147.5	245
150.0	232
152.5	222
155.0	210
157.5	198
160.0	187
162.5	178
165.0	167
167.5	157
170.0	147
172.5	136
175.0	120
177.5	113
180.0	111

*MAXIMUM CANDELA VALUE