

LUMINAIRE: SAV-MH-27-8-WA22-CLR-U-GG
Savanno Decorative Led, Highbay
22" clear acrylic refractor and clear lens
Data Scaled from Test# 17.00973
BALLAST: HLG-240H-C1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 21235
WATTS: 222.30
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 0.93 90° = 0.93
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.25

TEST #18287

DATE: 3/31/2017

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 = \$2.50

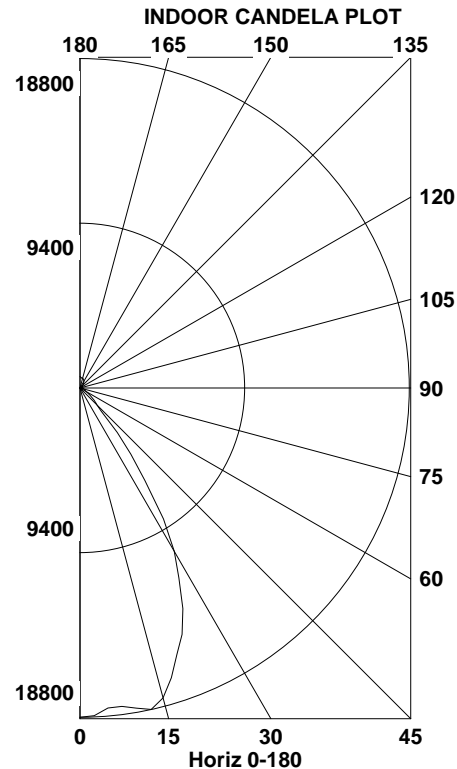
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	13096	61.7	61.7
0-40	17280	81.4	81.4
0-60	19127	90.1	90.1
0-90	19855	93.5	93.5
90-120	372	1.8	1.8
90-130	525	2.5	2.5
90-150	935	4.4	4.4
90-180	1380	6.5	6.5
0-180	21235	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	76888
30	33828
40	10229
45	4256
50	3145
55	2110
60	1303
65	1082
70	932
75	816
80	739
85	682



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%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	117	117	117	117	114	114	114	114	107	107	107	102	102	102	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93			
1	111	108	105	102	108	105	102	100	100	98	96	95	93	92	90	89	88	88	86	85	83	81	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	
2	105	99	95	91	102	97	93	89	93	89	86	89	86	84	85	83	81	79	80	77	74	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	
3	99	92	86	82	96	90	85	81	86	82	79	83	79	76	80	77	74	73	76	73	70	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
R 4	93	85	79	74	91	83	78	73	80	76	72	77	74	70	75	72	69	67	74	71	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
C 5	88	79	73	68	86	78	72	67	75	70	66	73	68	65	70	67	64	62	70	67	64	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
R 6	83	74	67	63	81	73	66	62	70	65	61	68	64	60	66	62	59	58	66	63	60	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
7	79	69	62	58	77	68	62	58	66	61	57	64	60	56	63	58	55	54	62	59	56	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
8	75	65	58	54	73	64	58	53	62	57	53	61	56	52	59	55	52	50	58	55	52	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
9	71	61	54	50	69	60	54	50	58	53	49	57	52	49	56	52	48	47	55	52	49	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
10	67	57	51	47	66	57	51	47	55	50	46	54	49	46	53	49	45	44	52	49	46	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44

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	18788
2.5	18716
5.0	18334
7.5	18331
10.0	18554
12.5	18789*
15.0	18310
17.5	17335
20.0	16166
22.5	15219
25.0	13889
27.5	12220
30.0	10753
32.5	8867
35.0	6456
37.5	4768
40.0	3312
42.5	1787
45.0	1375
47.5	1186
50.0	1006
52.5	820
55.0	663
57.5	519
60.0	399
62.5	348
65.0	320
67.5	291
70.0	264
72.5	237
75.0	219
77.5	207
80.0	186
82.5	173
85.0	159
87.5	145
90.0	130
92.5	127
95.0	122
97.5	114
100.0	107
102.5	102
105.0	103
107.5	107
110.0	114
112.5	122
115.0	130
117.5	138
120.0	149
122.5	158
125.0	169
127.5	182
130.0	197
132.5	214
135.0	233
137.5	255
140.0	286
142.5	330
145.0	367
147.5	401
150.0	436
152.5	467
155.0	490
157.5	521
160.0	549
162.5	568
165.0	582
167.5	587
170.0	581
172.5	560
175.0	595
177.5	640
180.0	654

*MAXIMUM CANDELA VALUE