

LUMINAIRE: SAV-MM-40-8-SB22-DLR-U-GG
Savanno Decorative Led, Highbay
22" led with suspended bead refractor and drop lens
Data Scaled from Test# 17.00957
BALLAST: HLG-185H-1400B
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 19620
WATTS: 177.50
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.09 90° = 1.09
LUMINOUS OPENING IN FEET
LENGTH: 1.83
WIDTH: 1.83
HEIGHT: 1.50

TEST #18221

DATE: 3/30/2017

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

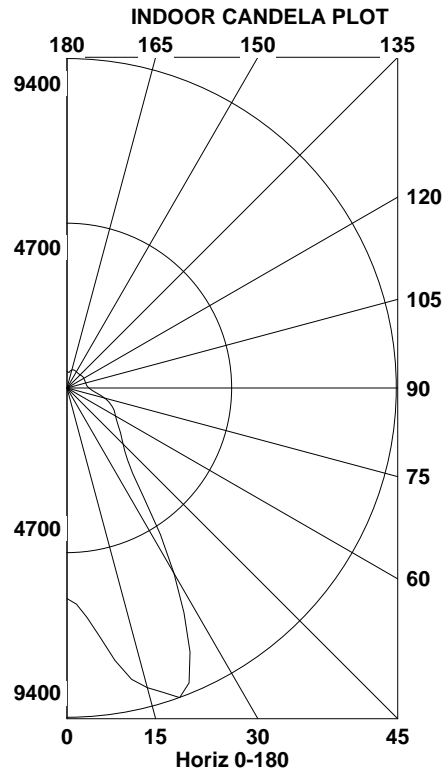
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	6878	35.1	35.1
0-40	9399	47.9	47.9
0-60	12758	65.0	65.0
0-90	16170	82.4	82.4
90-120	1768	9.0	9.0
90-130	2264	11.5	11.5
90-150	3005	15.3	15.3
90-180	3451	17.6	17.6
0-180	19620	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	24595
30	17973
40	7659
45	6412
50	5661
55	5048
60	4656
65	4429
70	4062
75	3569
80	2998
85	2564



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	101	101	101	93	93	93	86	86	86	82	
1	105	100	96	92	100	96	92	89	88	85	83	82	79	77	75	73	72	69	
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59	
3	88	79	71	65	84	76	69	63	70	65	60	65	61	57	61	57	54	51	
R 4	82	71	63	57	78	68	61	55	64	57	53	59	54	50	55	51	48	45	
C 5	76	64	56	50	73	62	54	49	58	52	47	54	49	45	51	46	43	40	
R 6	71	58	50	44	68	57	49	44	53	47	42	50	44	40	47	42	39	36	
7	66	54	46	40	63	52	45	39	49	43	38	46	41	36	43	39	35	33	
8	62	49	42	36	59	48	41	36	45	39	35	43	37	33	40	36	32	30	
9	58	46	38	33	56	45	37	33	42	36	32	40	35	31	38	33	30	28	
10	55	43	35	30	53	41	35	30	39	33	29	37	32	28	35	31	27	26	

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	6010
2.5	6173
5.0	6570
7.5	7152
10.0	7896
12.5	8517
15.0	8854
17.5	9107
20.0	9399*
22.5	9108
25.0	8312
27.5	7226
30.0	6095
32.5	4960
35.0	3839
37.5	3080
40.0	2689
42.5	2438
45.0	2264
47.5	2119
50.0	1995
52.5	1873
55.0	1762
57.5	1672
60.0	1597
62.5	1541
65.0	1481
67.5	1405
70.0	1313
72.5	1214
75.0	1105
77.5	992
80.0	880
82.5	784
85.0	706
87.5	656
90.0	620
92.5	595
95.0	578
97.5	567
100.0	560
102.5	555
105.0	551
107.5	550
110.0	549
112.5	549
115.0	550
117.5	554
120.0	556
122.5	556
125.0	556
127.5	550
130.0	543
132.5	535
135.0	528
137.5	524
140.0	523
142.5	524
145.0	526
147.5	530
150.0	535
152.5	539
155.0	545
157.5	549
160.0	551
162.5	545
165.0	531
167.5	513
170.0	483
172.5	446
175.0	447
177.5	463
180.0	472

*MAXIMUM CANDELA VALUE