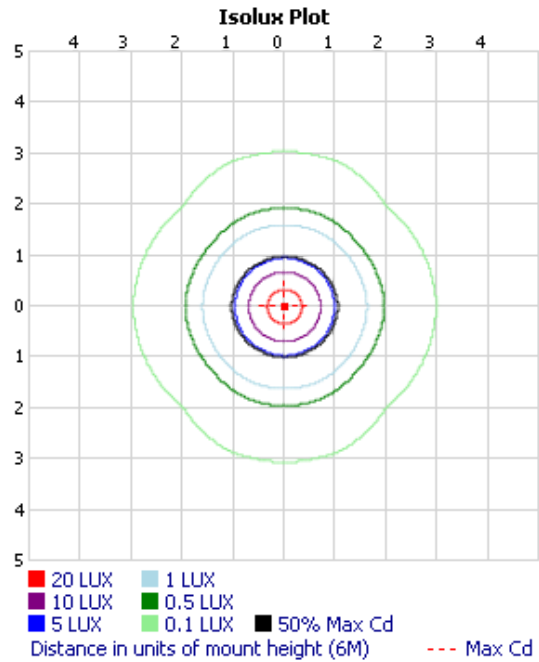
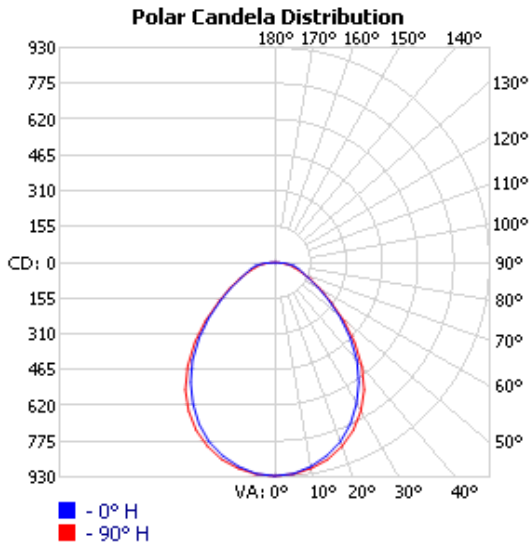


OUTDOOR PHOTOMETRIC REPORT
 CATALOG: RG22-LED22DMV30K



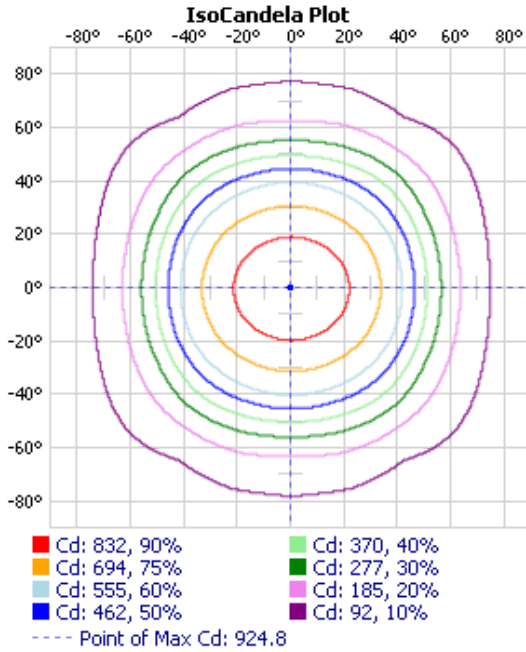
MANUFACTURER: MOBERN LIGHTING CO
 TEST #: L101410201
 TEST LAB: LIGHT LABORATORY, INC.
 ISSUE DATE: 11/5/2014
 CATALOG: RG22-LED22DMV30K
 DESCRIPTION: 24"SQ. X 4"H. LED LUMINAIRE PRISMATIC LENS
 LAMP CAT #: N/A
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2011.1, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: OSRAM OPTOTRONIC OT50W/PRG1400C/UNV/DIM/L, INPUT: 120-277VAC, 0.52-0.24A, 50/60HZ. OUTPUT: 50W, 10-55VDC, 400-1400MA
 INPUT WATTAGE: 22.59
 LUMINOUS OPENING: RECTANGLE (L: 0.55M, W: 0.55M)
 MAX CD: 924.8 AT HORIZONTAL: 0°, VERTICAL: 0°

No
 Photo
 Available



***TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.**
***CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.**

VISUAL PHOTOMETRIC TOOL 1.2.47 COPYRIGHT 2015, ACUITY BRANDS LIGHTING.
 THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	693.9	34.5%
0-40	1,097.3	54.6%
0-60	1,718.8	85.5%
60-90	292.4	14.5%
70-100	133.6	6.6%
90-120	0	0%
0-90	2,011.1	100%
90-180	0	0%
0-180	2,011.1	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	87.3	4.3%	90-100	0	0%
10-20	246.2	12.2%	100-110	0	0%
20-30	360.3	17.9%	110-120	0	0%
30-40	403.4	20.1%	120-130	0	0%
40-50	361.5	18.0%	130-140	0	0%
50-60	260.0	12.9%	140-150	0	0%
60-70	158.8	7.9%	150-160	0	0%
70-80	94.4	4.7%	160-170	0	0%
80-90	39.1	1.9%	170-180	0	0%

LCS TABLE

BUG RATING	B1 - U0 - G1	
	LUMENS	LUMENS %
FORWARD LIGHT		
LOW(0-30):	347.1	17.3%
MEDIUM(30-60):	512.8	25.5%
HIGH(60-80):	126.7	6.3%
VERY HIGH(80-90):	19.6	1%
BACK LIGHT		
LOW(0-30):	347.1	17.3%
MEDIUM(30-60):	512.8	25.5%
HIGH(60-80):	126.7	6.3%
VERY HIGH(80-90):	19.6	1%
UPLIGHT		
LOW(90-100):	0	0%
HIGH(100-180):	0	0%
TRAPPED LIGHT:	0	0%

AVERAGE LUMINANCE (CD/M2)

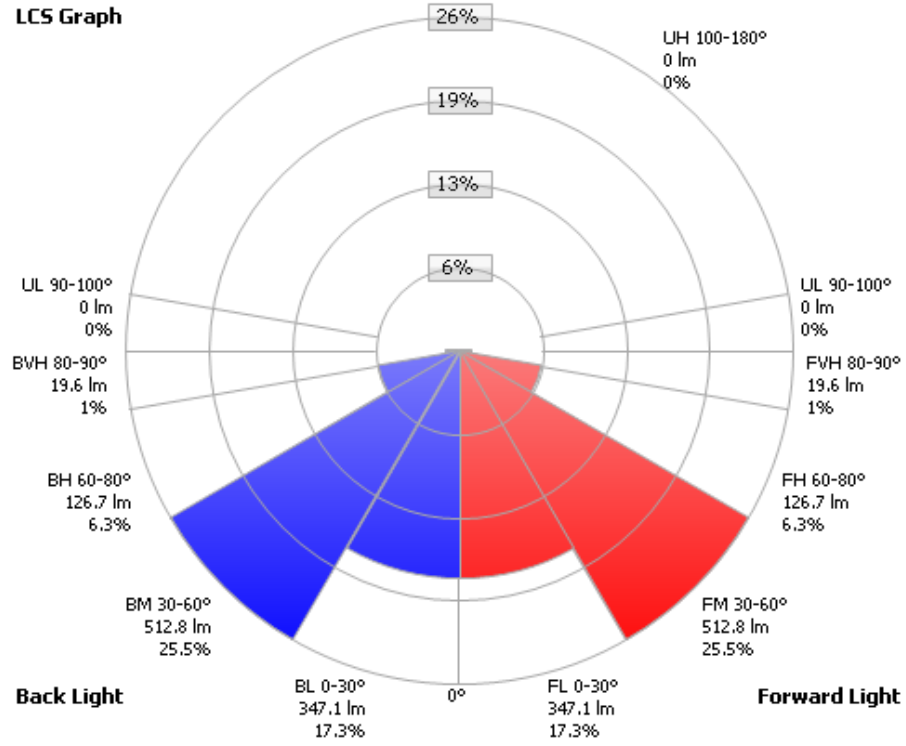
	0	22.5	45	67.5	90
0	3038	3038	3038	3038	3038
45	2148	2126	2169	2224	2267
55	1639	1646	1650	1621	1685
65	1262	1282	1097	1194	1302
75	1351	1253	925	1053	1128
85	1696	1665	1342	1281	1399

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.10	1.05	1.01	.98	1.07	1.03	1.00	.87	.99	.96	.93	.95	.93	.91	.91	.90	.88	.86
2	1.01	.93	.87	.82	.98	.92	.86	.75	.88	.83	.79	.85	.81	.77	.82	.79	.76	.74
3	.93	.83	.76	.70	.90	.82	.75	.65	.79	.73	.68	.76	.71	.67	.74	.69	.66	.64
4	.86	.75	.67	.60	.83	.73	.66	.57	.71	.64	.59	.69	.63	.58	.67	.62	.58	.56
5	.79	.67	.59	.53	.77	.66	.58	.51	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6	.74	.61	.53	.47	.72	.60	.52	.45	.58	.51	.46	.57	.51	.46	.55	.50	.45	.44
7	.69	.56	.48	.42	.67	.55	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.41	.39
8	.64	.51	.43	.38	.63	.51	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
9	.60	.47	.39	.34	.59	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32
10	.56	.44	.36	.31	.55	.43	.36	.31	.42	.36	.31	.41	.35	.31	.41	.35	.31	.29

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	925	925	925	925	925
5	919	923	923	923	921
10	898	903	905	908	906
15	867	870	874	880	884
20	828	828	836	845	848
25	774	773	784	797	803
30	708	709	720	735	744
35	634	635	644	663	674
40	553	551	556	574	586
45	462	458	467	479	488
50	371	372	378	381	388
55	286	287	288	283	294
60	217	220	211	209	225
65	162	165	141	154	168
70	127	127	98	112	122
75	106	99	73	83	89
80	82	73	61	58	66
85	45	44	36	34	37
90	0	0	0	0	0