

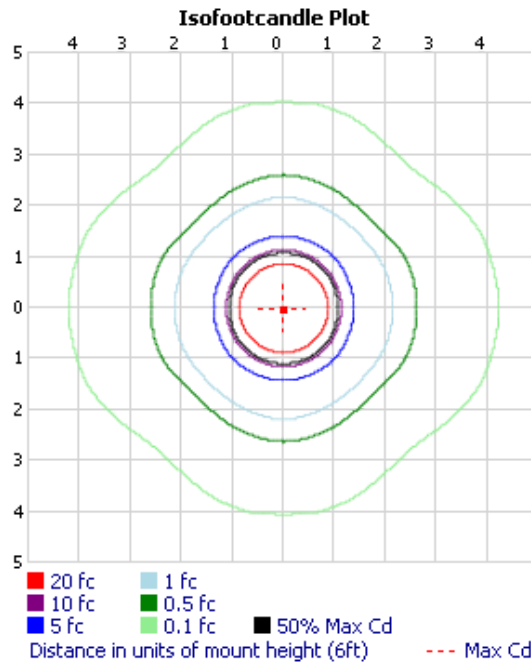
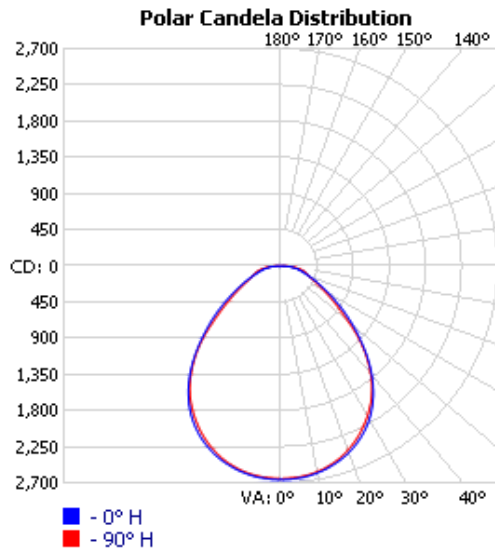
**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: RG24-LED57DMV50



MANUFACTURER: MOBERN LIGHTING COMPANY  
 TEST #: LLI-15041-3-R01  
 TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)  
 ISSUE DATE: MONDAY, MAY 4, 2015 1:19:58 PM  
 CATALOG: RG24-LED57DMV50  
 DESCRIPTION: MOBERN LIGHTING - LED 2X4 TROFFER LUMINAIRE. CATALOG NUMBER: RG24-LED57DMV50 WHITE PAINTED FABRICATED STEEL HOUSING WITH WHITE INTERIOR AND FLAT CLEAR PLASTIC PRISMATIC LENS. WHITE PAINTED STEEL PANEL ~ 46" X 15" WITH LED STRIPS MOUNTED IN TWO ROWS ON 9.75" CENTERS. WHITE PCBs WITH 128 LEDs ON FOUR SINGLE ROW STRIPS OF 32 EACH. MARKED IN PART "M10CC850D32N2S" ONE UNIVERSAL EVERLINE DRIVER. MODEL: D10CC55UNVTZ-C WITH DIMMING DISCONNECTED. OPERATING AT 120VAC AND 60HZ.

LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 6045.6, **ABSOLUTE PHOTOMETRY \***  
 INPUT WATTAGE: 56.1  
 LUMINOUS OPENING: RECTANGLE (L: 1.16M, W: 0.55M)  
 MAX CD: 2,660.6 AT HORIZONTAL: 0°, VERTICAL: 0.5°  
 ROADWAY CLASS: TYPE VS

No  
 Photo  
 Available



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

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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	2,042.8	33.8%
0-40	3,275.5	54.2%
0-60	5,186.7	85.8%
60-90	858.9	14.2%
70-100	400.4	6.6%
90-120	0	0%
0-90	6,045.6	100%
90-180	0	0%
0-180	6,045.6	100%

**LUMENS PER ZONE**

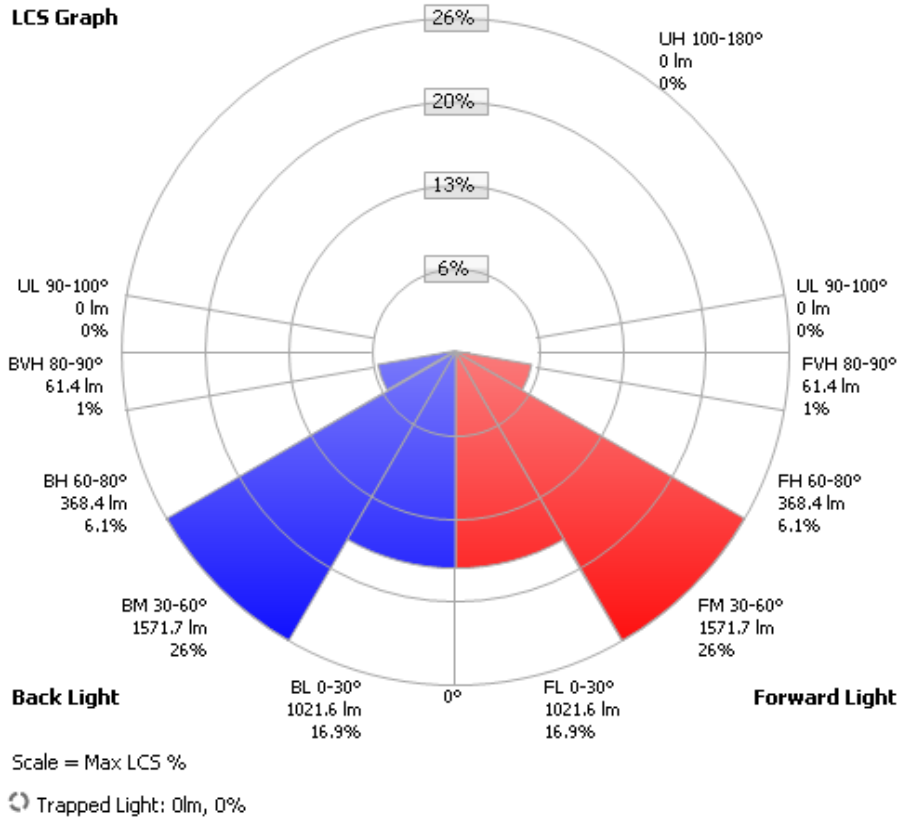
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	251.2	4.2%	90-100	0	0%
10-20	718.7	11.9%	100-110	0	0%
20-30	1,072.9	17.7%	110-120	0	0%
30-40	1,232.7	20.4%	120-130	0	0%
40-50	1,122.7	18.6%	130-140	0	0%
50-60	788.5	13.0%	140-150	0	0%
60-70	458.5	7.6%	150-160	0	0%
70-80	278.2	4.6%	160-170	0	0%
80-90	122.2	2.0%	170-180	0	0%

**ROADWAY SUMMARY**

DISTRIBUTION:	TYPE VS	
MAX CD, 90 DEG VERT:	0	
MAX CD, 80 TO <90 DEG:	248.8	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	3,023.1	50%
DOWNWARD HOUSE SIDE:	3,023.1	50%
DOWNWARD TOTAL:	6,046.2	100%
UPWARD STREET SIDE:	0	0%
UPWARD HOUSE SIDE:	0	0%
UPWARD TOTAL:	0	0%
TOTAL LUMENS:	6,046.2	100%

**LCS TABLE**

BUG RATING	B3 - U0 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,021.6	16.9%
MEDIUM(30-60):	1,571.7	26%
HIGH(60-80):	368.4	6.1%
VERY HIGH(80-90):	61.4	1%
BACK LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,021.6	16.9%
MEDIUM(30-60):	1,571.7	26%
HIGH(60-80):	368.4	6.1%
VERY HIGH(80-90):	61.4	1%
UPLIGHT	LUMENS	LUMENS %
LOW(90-100):	0	0%
HIGH(100-180):	0	0%
TRAPPED LIGHT:	0	0%



**CANDELA TABLE - TYPE C**

	0	10	20	22.5	30	40	45	50	60	67.5	70	80	90
0	2654	2654	2654	2654	2654	2654	2654	2654	2654	2654	2654	2654	2654
5	2649	2646	2642	2642	2643	2644	2644	2642	2642	2642	2642	2640	2637
10	2615	2612	2610	2610	2611	2612	2611	2610	2609	2607	2607	2606	2601
15	2557	2554	2553	2552	2553	2553	2552	2550	2546	2545	2544	2541	2537
20	2473	2470	2466	2466	2465	2461	2459	2456	2452	2449	2448	2444	2439
25	2355	2351	2347	2346	2342	2336	2332	2328	2322	2320	2320	2317	2312
30	2202	2197	2189	2187	2181	2173	2170	2166	2163	2161	2162	2160	2155
35	2004	1998	1986	1984	1981	1976	1975	1972	1969	1970	1970	1972	1971
40	1759	1753	1742	1742	1740	1734	1731	1727	1726	1729	1731	1736	1734
45	1474	1471	1466	1467	1464	1460	1460	1460	1455	1453	1452	1454	1454
50	1186	1184	1184	1183	1183	1189	1188	1181	1155	1138	1134	1124	1123
55	925	916	901	899	897	897	890	877	849	834	832	833	839
60	696	677	648	643	632	623	620	616	614	614	614	622	630
65	513	491	459	453	433	414	410	414	440	460	464	473	475
70	374	364	339	331	303	271	269	280	331	365	372	379	376
75	277	280	260	252	224	204	208	221	264	294	301	310	315
80	204	198	180	176	172	172	176	182	197	220	227	238	249
85	106	107	97	97	101	101	105	110	126	138	143	146	141
90	0	0	0	0	0	0	0	0	0	0	0	0	0