

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: METALUX

Report Number: P#

Luminaire Tested: **2RBG6-SL1-L8SCT3-3500K-HI**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1901-099-1)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2RBG6-SL1-L8SCT3-3500K-HI
Description: 2FT RIBBON LED LUMINAIRE WITH 3500K LEDS AT HI LUMEN OUTPUT SETTING
Light Source: -
Ballast/Driver: -

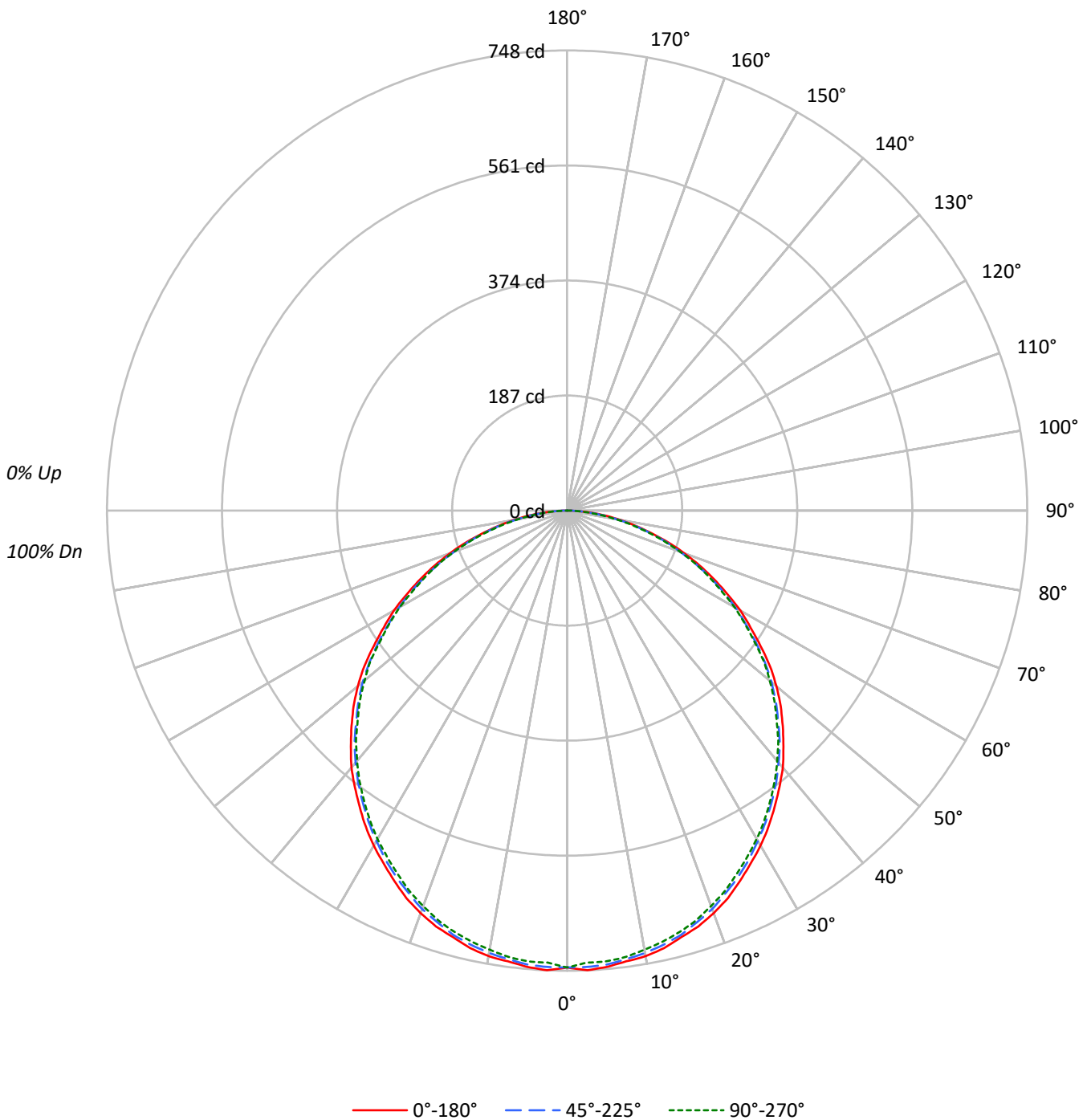
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2090.0 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.36
Luminous Opening: Rectangular (W 0.5' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	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
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	27
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7993	7993	7993
5°	8043	8004	7947
10°	8039	7980	7922
15°	7998	7959	7899
20°	7977	7896	7835
25°	7891	7807	7744
30°	7817	7706	7661
35°	7727	7610	7564
40°	7664	7513	7464
45°	7544	7383	7328
50°	7437	7259	7199
55°	7201	7034	6968
60°	6999	6807	6768
65°	6696	6515	6469
70°	6373	6150	6150
75°	5910	5764	5614
80°	5393	5176	4953
85°	4829	4174	4174



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	3.4
10°-20°	201.2	9.6
20°-30°	302.8	14.5
30°-40°	362.9	17.4
40°-50°	375.3	18.0
50°-60°	336.3	16.1
60°-70°	254.4	12.2
70°-80°	146.6	7.0
80°-90°	40.3	1.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	574.3	27.5
0°-40°	937.2	44.8
0°-60°	1648.7	78.9
0°-90°	2090.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2090.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	743	743	743	743	743	
5°	744	743	741	737	736	71
15°	718	716	714	711	709	203
25°	664	661	657	652	652	306
35°	588	583	579	576	576	368
45°	496	488	485	481	481	383
55°	384	377	375	371	371	344
65°	263	259	256	254	254	260
75°	142	140	139	135	135	151
85°	39	36	34	32	34	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	742.6	742.6	742.6	742.6	742.6
2.5°	747.9	744.4	742.6	737.2	735.5
5°	744.4	742.6	740.8	737.2	735.5
7.5°	739.0	737.2	735.5	733.7	731.9
10°	735.5	733.7	730.1	726.6	724.8
12.5°	728.4	724.8	723.0	717.7	717.7
15°	717.7	715.9	714.2	710.6	708.8
17.5°	708.8	705.3	701.7	699.9	698.2
20°	696.4	691.1	689.3	685.7	684.0
22.5°	682.2	676.8	673.3	669.7	669.7
25°	664.4	660.9	657.3	652.0	652.0
27.5°	646.6	641.3	639.5	634.2	634.2
30°	628.9	623.6	620.0	616.4	616.4
32.5°	609.3	604.0	600.5	596.9	596.9
35°	588.0	582.7	579.1	575.6	575.6
37.5°	566.7	561.4	557.8	552.5	554.3
40°	545.4	538.3	534.7	531.2	531.2
42.5°	520.5	515.2	511.6	506.3	508.1
45°	495.6	488.5	485.0	481.4	481.4
47.5°	470.8	463.7	460.1	456.6	456.6
50°	444.1	437.0	433.5	429.9	429.9
52.5°	415.7	408.6	405.0	403.3	403.3
55°	383.7	376.6	374.8	371.3	371.3
57.5°	353.5	348.2	344.6	344.6	342.9
60°	325.1	318.0	316.2	314.4	314.4
62.5°	293.1	289.6	286.0	284.2	282.5
65°	262.9	259.4	255.8	254.0	254.0
67.5°	232.7	229.2	225.6	225.6	225.6
70°	202.5	199.0	195.4	195.4	195.4
72.5°	172.3	168.8	167.0	165.2	165.2
75°	142.1	140.3	138.6	135.0	135.0
77.5°	113.7	111.9	110.1	108.4	106.6
80°	87.0	85.3	83.5	79.9	79.9
82.5°	62.2	58.6	58.6	55.1	55.1
85°	39.1	35.5	33.8	32.0	33.8
87.5°	17.8	16.0	14.2	12.4	12.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)