

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: **6RSRK-200-HE-L935**

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 (G3-1811-041-2)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 6RSRK-200-HE-L935  
Description: 6ft RSRK, 2000 LUMEN PER FOOT 90CRI 3500K CCT WITH NO LENS  
Light Source: -  
Ballast/Driver: -

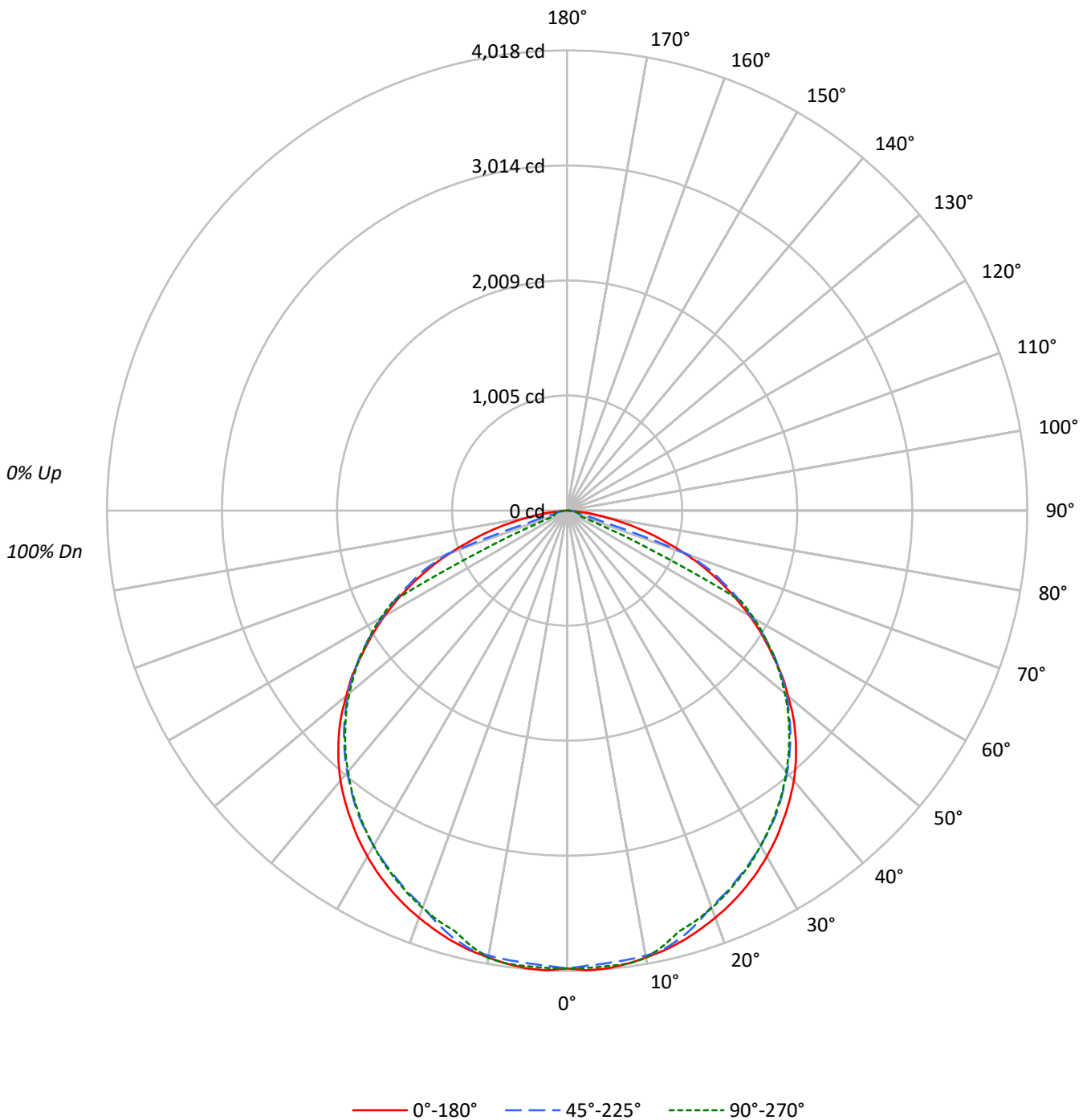
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11005.7 lumens  
Efficiency: N/A  
Efficacy: 179.8 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.26 / 1.4  
Luminous Opening: Rectangular (W 1' x L: 6' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.2  
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	110	105	102	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	39	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	7172	7172	7172
5°	7227	7144	7190
10°	7217	7190	7227
15°	7226	7169	7055
20°	7223	7028	7048
25°	7226	7004	7024
30°	7224	7002	7002
35°	7212	7011	6988
40°	7210	6995	6971
45°	7163	6995	6956
50°	7025	6982	6925
55°	6835	6899	6867
60°	6613	6686	6760
65°	6263	6437	3402
70°	5731	5865	643
75°	4920	708	778
80°	3692	896	896
85°	1892	945	840



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	379.8	3.5
10°-20°	1088.0	9.9
20°-30°	1654.0	15.0
30°-40°	2014.8	18.3
40°-50°	2132.0	19.4
50°-60°	1955.6	17.8
60°-70°	1319.0	12.0
70°-80°	398.7	3.6
80°-90°	63.8	0.6
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°	3121.9	28.4
0°-40°	5136.7	46.7
0°-60°	9224.3	83.8
0°-90°	11005.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11005.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3998	3998	3998	3998	3998	
5°	4013	3982	3967	4003	3993	381
15°	3891	3870	3860	3829	3799	1098
25°	3651	3646	3538	3574	3548	1683
35°	3293	3222	3201	3211	3191	2062
45°	2823	2757	2757	2762	2742	2174
55°	2185	2155	2206	2206	2196	1956
65°	1476	1455	1516	1537	802	1457
75°	710	715	102	112	112	752
85°	92	46	46	41	41	140
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3997.8	3997.8	3997.8	3997.8	3997.8
2.5°	4018.3	3987.5	3977.4	4002.9	3997.8
5°	4013.1	3982.5	3967.1	4002.9	3992.7
7.5°	3992.7	3962.0	3957.0	3997.8	3992.7
10°	3962.0	3941.6	3946.7	3982.5	3967.1
12.5°	3931.4	3911.0	3921.2	3911.0	3890.6
15°	3890.6	3870.1	3859.9	3829.3	3798.7
17.5°	3839.5	3829.3	3778.2	3768.0	3752.8
20°	3783.3	3783.3	3681.2	3711.9	3691.5
22.5°	3722.0	3722.0	3614.9	3645.5	3625.1
25°	3650.7	3645.5	3538.2	3574.0	3548.5
27.5°	3574.0	3548.5	3461.7	3492.3	3471.9
30°	3487.3	3441.3	3380.0	3400.4	3380.0
32.5°	3395.2	3328.9	3293.1	3308.5	3288.1
35°	3293.1	3221.8	3201.3	3211.4	3191.0
37.5°	3191.0	3114.5	3094.1	3109.3	3088.9
40°	3078.8	3007.2	2986.8	2997.1	2976.7
42.5°	2956.3	2895.0	2874.6	2879.6	2864.3
45°	2823.4	2757.1	2757.1	2762.1	2741.7
47.5°	2680.4	2624.3	2629.5	2634.6	2619.2
50°	2517.1	2476.2	2501.8	2507.0	2481.4
52.5°	2364.0	2323.2	2353.7	2364.0	2343.6
55°	2185.2	2154.6	2205.7	2205.7	2195.5
57.5°	2016.8	1986.1	2037.2	2057.7	2042.3
60°	1843.1	1812.6	1863.5	1899.3	1884.0
62.5°	1659.3	1633.8	1695.1	1741.0	1710.5
65°	1475.5	1455.1	1516.3	1536.8	801.5
67.5°	1286.6	1271.3	1342.9	485.1	127.6
70°	1092.6	1077.4	1118.2	122.5	122.5
72.5°	893.6	898.6	357.4	117.5	117.5
75°	709.8	714.8	102.1	112.3	112.3
77.5°	525.9	536.0	97.1	102.1	102.1
80°	357.4	260.5	86.7	86.7	86.7
82.5°	214.4	61.3	66.3	66.3	61.3
85°	91.9	45.9	45.9	40.8	40.8
87.5°	30.6	20.4	20.4	15.4	15.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)