

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-TB-200-HE-L950**

Issue Date: 3/3/2020



**Test Information**

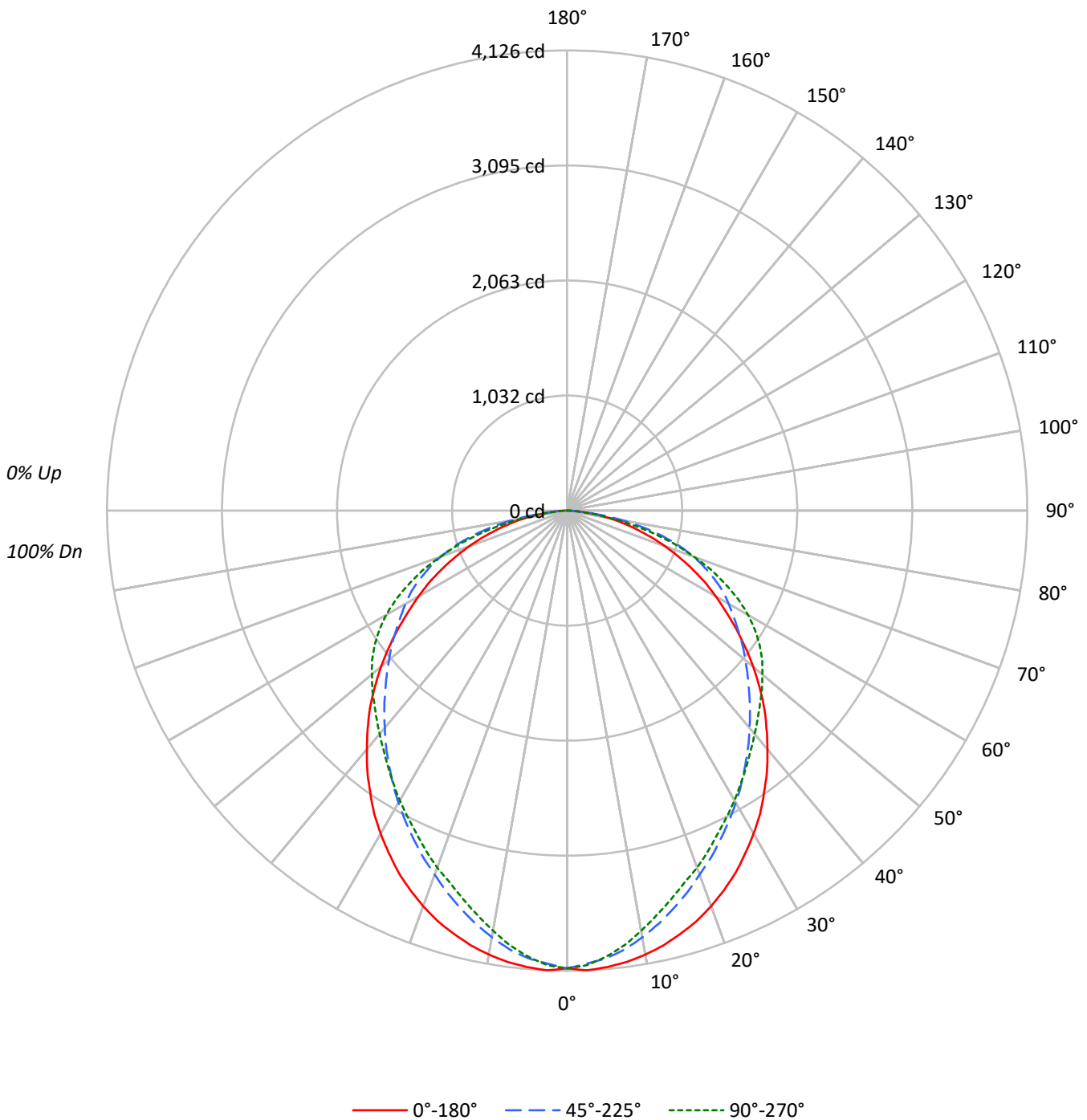
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1810-975-9)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 6RSRK-TB-200-HE-L950  
Description: 6ft RSRK, 2000 LUMEN PER FOOT 90CRI 5000K CCT WITH TRILOBE RIBBED LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10736.3 lumens  
Efficiency: N/A  
Efficacy: 175.4 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.1 / 1.26  
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	109	104	99	95	106	101	97	94	97	94	91	93	91	88	90	87	85	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	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°	7363	7363	7363
5°	7398	7255	7230
10°	7363	7078	6967
15°	7296	6857	6696
20°	7206	6631	6504
25°	7086	6442	6324
30°	6929	6268	6218
35°	6745	6097	6132
40°	6542	5956	6124
45°	6339	5856	6206
50°	6080	5816	6378
55°	5791	5854	6594
60°	5518	6003	6725
65°	5249	6190	6666
70°	4905	6323	6337
75°	4403	6136	5677
80°	3854	5208	4216
85°	2892	2754	1780



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	382.5	3.6
10°-20°	1052.5	9.8
20°-30°	1531.2	14.3
30°-40°	1790.9	16.7
40°-50°	1840.8	17.1
50°-60°	1712.6	16.0
60°-70°	1393.1	13.0
70°-80°	843.8	7.9
80°-90°	189.0	1.8
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°	2966.2	27.6
0°-40°	4757.1	44.3
0°-60°	8310.5	77.4
0°-90°	10736.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10736.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4104	4104	4104	4104	4104	
5°	4108	4084	4028	4037	4015	390
15°	3928	3845	3692	3637	3606	1108
25°	3580	3428	3254	3222	3195	1647
35°	3080	2916	2784	2802	2800	1927
45°	2499	2338	2308	2410	2446	1924
55°	1851	1750	1872	2062	2108	1657
65°	1236	1214	1458	1574	1570	1224
75°	635	755	885	846	819	680
85°	140	193	134	97	86	172
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4104.2	4104.2	4104.2	4104.2	4104.2
2.5°	4125.8	4106.9	4066.4	4089.4	4079.9
5°	4108.3	4083.9	4028.5	4036.6	4015.0
7.5°	4082.6	4047.5	3967.7	3951.5	3932.6
10°	4042.1	3990.7	3885.3	3859.6	3824.5
12.5°	3992.0	3925.8	3793.4	3747.4	3715.0
15°	3928.5	3844.7	3692.0	3636.6	3605.5
17.5°	3859.6	3755.6	3586.6	3529.9	3497.4
20°	3774.5	3655.5	3473.1	3425.8	3406.9
22.5°	3679.9	3543.4	3367.7	3325.8	3304.2
25°	3579.9	3428.5	3254.2	3221.7	3194.7
27.5°	3462.3	3308.2	3139.3	3116.3	3097.4
30°	3344.7	3186.6	3025.8	3009.6	3001.5
32.5°	3220.4	3048.8	2906.9	2904.2	2900.1
35°	3079.9	2916.3	2783.9	2801.5	2800.1
37.5°	2943.4	2775.8	2667.7	2698.8	2705.5
40°	2793.4	2629.8	2543.3	2596.0	2615.0
42.5°	2646.1	2489.3	2427.1	2498.7	2529.8
45°	2498.7	2337.9	2308.2	2409.6	2446.0
47.5°	2337.9	2193.3	2196.0	2325.8	2369.0
50°	2178.5	2043.3	2083.9	2235.2	2285.2
52.5°	2013.6	1897.4	1982.5	2147.4	2204.1
55°	1851.4	1750.1	1871.7	2062.2	2108.2
57.5°	1689.3	1608.2	1770.3	1952.8	1998.7
60°	1537.9	1467.6	1673.0	1839.3	1874.4
62.5°	1393.3	1336.5	1577.1	1714.9	1732.5
65°	1236.5	1213.6	1458.2	1574.4	1570.3
67.5°	1082.5	1087.9	1336.5	1412.2	1405.5
70°	935.2	978.4	1205.5	1236.5	1208.2
72.5°	783.8	864.9	1052.7	1050.0	1021.7
75°	635.2	755.4	885.2	846.0	819.0
77.5°	506.8	637.9	702.7	648.7	605.4
80°	373.0	510.8	504.1	443.3	408.1
82.5°	244.6	355.4	312.2	251.4	235.1
85°	140.5	193.3	133.8	97.3	86.5
87.5°	59.5	51.4	33.8	31.1	28.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)