

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-150-HE-L930**

Issue Date: 3/3/2020



**Test Information**

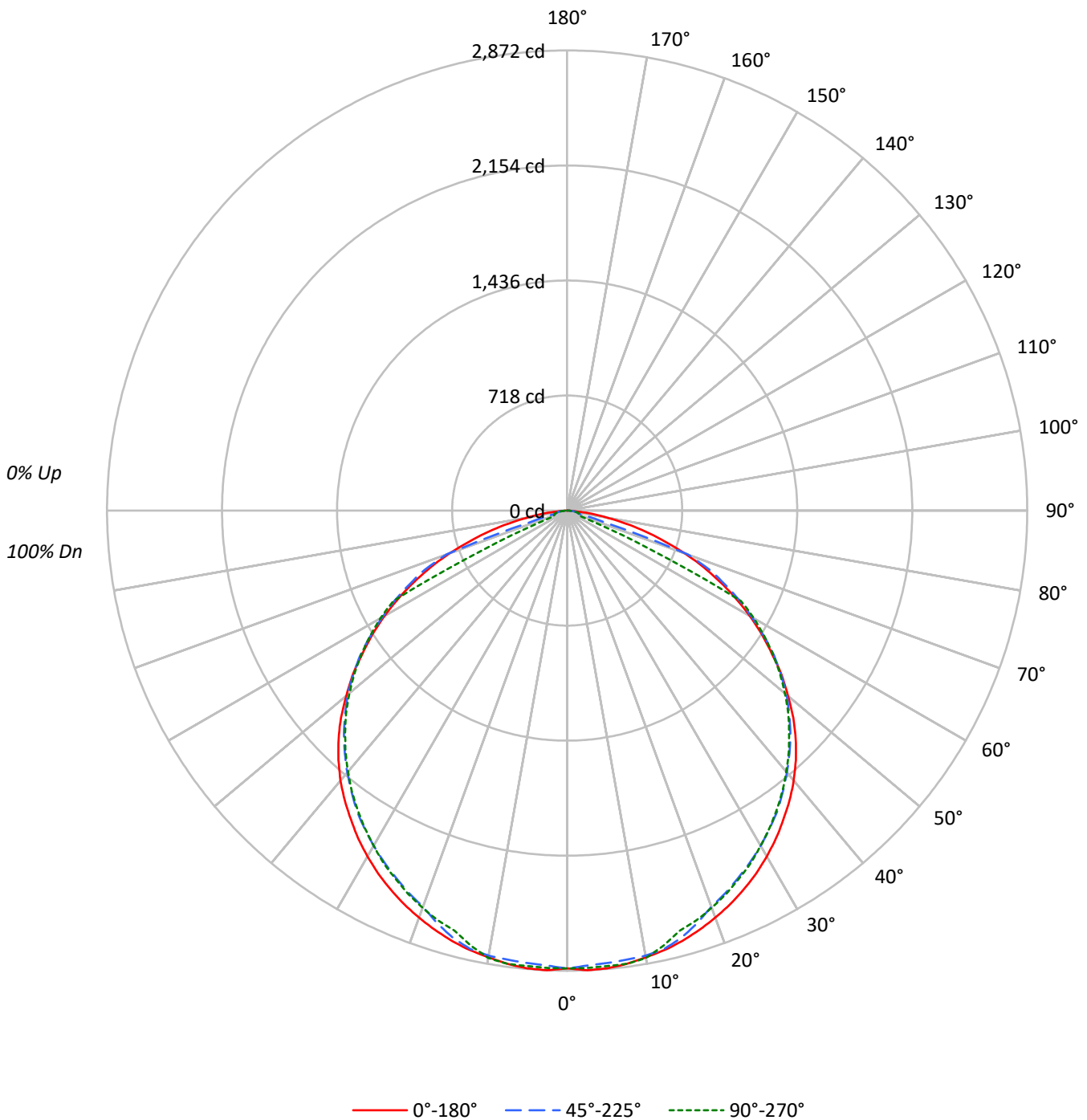
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1811-041-2)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 6RSRK-150-HE-L930  
Description: 6ft RSRK, 1500 LUMEN PER FOOT 90CRI 3000K CCT WITH NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7865.0 lumens  
Efficiency: N/A  
Efficacy: 177.9 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): 44.2  
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°	5125	5125	5125
5°	5165	5105	5138
10°	5158	5138	5164
15°	5164	5123	5042
20°	5161	5022	5036
25°	5164	5005	5020
30°	5162	5004	5004
35°	5154	5010	4994
40°	5153	4999	4982
45°	5119	4999	4971
50°	5020	4990	4949
55°	4884	4930	4907
60°	4726	4778	4830
65°	4476	4600	2431
70°	4096	4191	459
75°	3516	506	557
80°	2639	641	641
85°	1352	675	601



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	271.4	3.5
10°-20°	777.5	9.9
20°-30°	1182.0	15.0
30°-40°	1439.8	18.3
40°-50°	1523.6	19.4
50°-60°	1397.5	17.8
60°-70°	942.6	12.0
70°-80°	284.9	3.6
80°-90°	45.6	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°	2231.0	28.4
0°-40°	3670.8	46.7
0°-60°	6591.9	83.8
0°-90°	7865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7865.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2857	2857	2857	2857	2857	
5°	2868	2846	2835	2861	2853	272
15°	2780	2766	2758	2736	2715	785
25°	2609	2605	2528	2554	2536	1203
35°	2353	2302	2288	2295	2280	1474
45°	2018	1970	1970	1974	1959	1553
55°	1562	1540	1576	1576	1569	1398
65°	1054	1040	1084	1098	573	1041
75°	507	511	73	80	80	537
85°	66	33	33	29	29	100
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2857.0	2857.0	2857.0	2857.0	2857.0
2.5°	2871.6	2849.6	2842.4	2860.6	2857.0
5°	2867.9	2846.0	2835.0	2860.6	2853.3
7.5°	2853.3	2831.4	2827.8	2857.0	2853.3
10°	2831.4	2816.8	2820.4	2846.0	2835.0
12.5°	2809.5	2794.9	2802.2	2794.9	2780.3
15°	2780.3	2765.7	2758.4	2736.5	2714.6
17.5°	2743.8	2736.5	2700.0	2692.7	2681.8
20°	2703.6	2703.6	2630.7	2652.6	2638.0
22.5°	2659.8	2659.8	2583.3	2605.2	2590.6
25°	2608.9	2605.2	2528.5	2554.1	2535.9
27.5°	2554.1	2535.9	2473.8	2495.7	2481.1
30°	2492.1	2459.2	2415.4	2430.0	2415.4
32.5°	2426.3	2378.9	2353.4	2364.3	2349.8
35°	2353.4	2302.4	2287.8	2295.0	2280.4
37.5°	2280.4	2225.7	2211.1	2222.0	2207.4
40°	2200.2	2149.0	2134.4	2141.8	2127.2
42.5°	2112.6	2068.8	2054.3	2057.9	2046.9
45°	2017.7	1970.3	1970.3	1973.9	1959.3
47.5°	1915.5	1875.4	1879.1	1882.7	1871.7
50°	1798.8	1769.6	1787.9	1791.5	1773.3
52.5°	1689.4	1660.2	1682.0	1689.4	1674.8
55°	1561.6	1539.7	1576.2	1576.2	1568.9
57.5°	1441.3	1419.3	1455.9	1470.5	1459.5
60°	1317.1	1295.3	1331.7	1357.3	1346.3
62.5°	1185.8	1167.6	1211.4	1244.2	1222.4
65°	1054.4	1039.8	1083.6	1098.2	572.8
67.5°	919.5	908.5	959.6	346.7	91.2
70°	780.8	769.9	799.1	87.6	87.6
72.5°	638.6	642.2	255.4	84.0	84.0
75°	507.2	510.8	73.0	80.3	80.3
77.5°	375.9	383.1	69.4	73.0	73.0
80°	255.4	186.1	62.0	62.0	62.0
82.5°	153.2	43.8	47.4	47.4	43.8
85°	65.7	32.8	32.8	29.2	29.2
87.5°	21.9	14.6	14.6	11.0	11.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)