

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-65-HE-L940**

Issue Date: 3/3/2020



**Test Information**

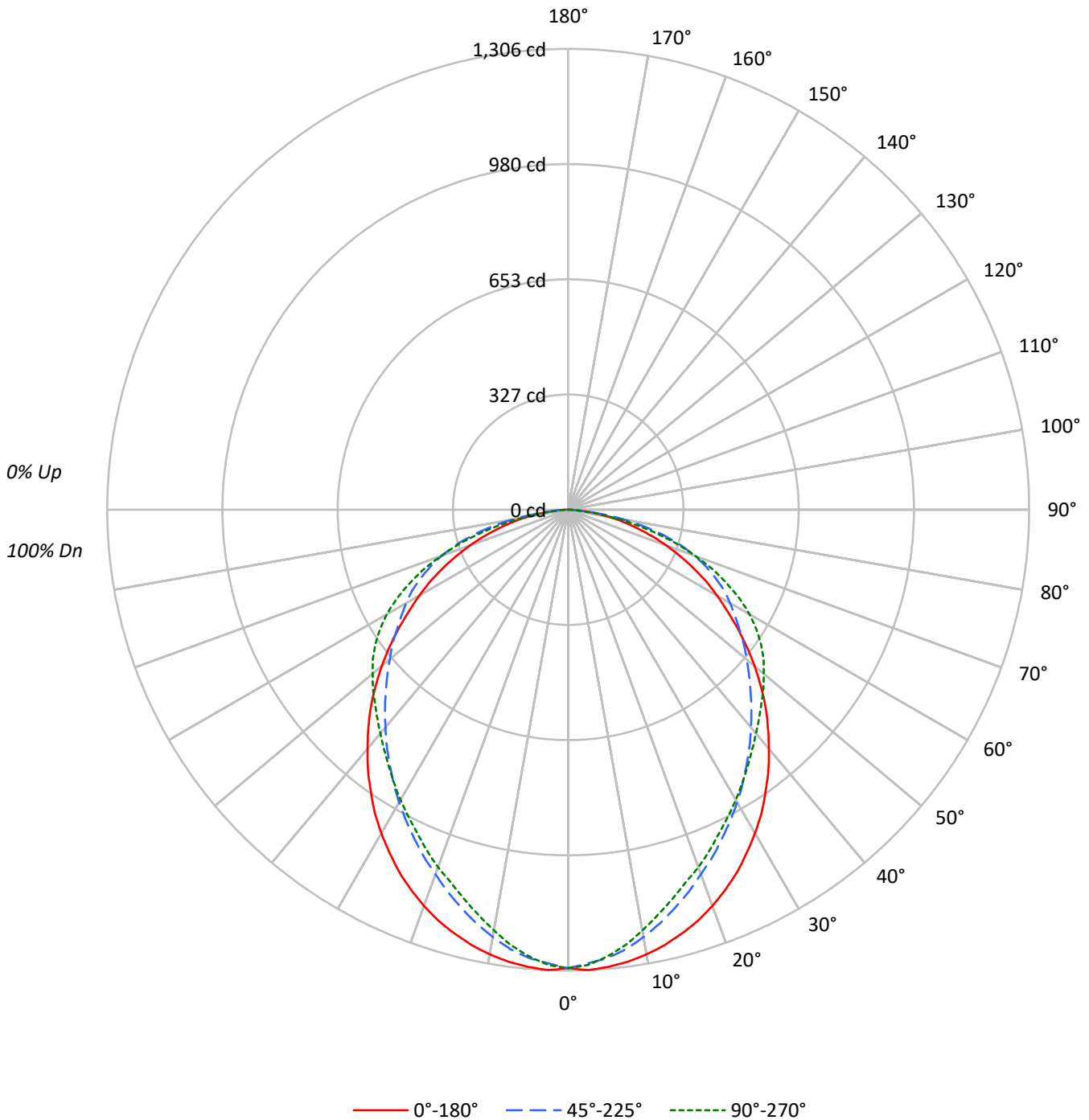
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1810-975-9)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 6RSRK-TB-65-HE-L940  
Description: 6ft RSRK, 650 LUMEN PER FOOT 90CRI 4000K CCT WITH TRILOBE RIBBED LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3398.4 lumens  
Efficiency: N/A  
Efficacy: 179.8 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): 18.9  
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°	2331	2331	2331
5°	2342	2296	2289
10°	2331	2240	2205
15°	2310	2170	2120
20°	2281	2099	2059
25°	2243	2039	2002
30°	2193	1984	1968
35°	2135	1930	1941
40°	2071	1885	1938
45°	2007	1854	1964
50°	1925	1841	2019
55°	1833	1853	2087
60°	1747	1900	2129
65°	1661	1959	2110
70°	1553	2002	2006
75°	1393	1942	1797
80°	1220	1649	1335
85°	916	871	564



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.1	3.6
10°-20°	333.1	9.8
20°-30°	484.7	14.3
30°-40°	566.9	16.7
40°-50°	582.7	17.1
50°-60°	542.1	16.0
60°-70°	440.9	13.0
70°-80°	267.1	7.9
80°-90°	59.8	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°	938.9	27.6
0°-40°	1505.8	44.3
0°-60°	2630.5	77.4
0°-90°	3398.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3398.4	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1299	1299	1299	1299	1299	
5°	1300	1293	1275	1278	1271	123
15°	1244	1217	1169	1151	1141	351
25°	1133	1085	1030	1020	1011	521
35°	975	923	881	887	886	610
45°	791	740	731	763	774	609
55°	586	554	592	653	667	525
65°	391	384	462	498	497	387
75°	201	239	280	268	259	215
85°	44	61	42	31	27	54
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1299.1	1299.1	1299.1	1299.1	1299.1
2.5°	1306.0	1300.0	1287.1	1294.4	1291.4
5°	1300.4	1292.7	1275.2	1277.7	1270.9
7.5°	1292.3	1281.1	1255.9	1250.8	1244.8
10°	1279.4	1263.2	1229.8	1221.7	1210.6
12.5°	1263.6	1242.6	1200.7	1186.2	1175.9
15°	1243.5	1217.0	1168.6	1151.1	1141.3
17.5°	1221.7	1188.8	1135.3	1117.3	1107.0
20°	1194.7	1157.1	1099.3	1084.4	1078.4
22.5°	1164.8	1121.6	1066.0	1052.7	1045.9
25°	1133.1	1085.2	1030.1	1019.8	1011.2
27.5°	1095.9	1047.2	993.7	986.4	980.4
30°	1058.7	1008.7	957.8	952.6	950.1
32.5°	1019.4	965.0	920.1	919.3	918.0
35°	974.9	923.1	881.2	886.8	886.3
37.5°	931.7	878.6	844.4	854.2	856.4
40°	884.2	832.4	805.0	821.7	827.7
42.5°	837.6	787.9	768.3	790.9	800.8
45°	790.9	740.0	730.6	762.7	774.2
47.5°	740.0	694.3	695.1	736.2	749.9
50°	689.6	646.8	659.6	707.5	723.3
52.5°	637.4	600.6	627.5	679.7	697.7
55°	586.0	554.0	592.5	652.8	667.3
57.5°	534.7	509.0	560.4	618.1	632.7
60°	486.8	464.5	529.6	582.2	593.3
62.5°	441.0	423.1	499.2	542.8	548.4
65°	391.4	384.1	461.6	498.3	497.1
67.5°	342.6	344.3	423.1	447.0	444.9
70°	296.0	309.7	381.6	391.4	382.4
72.5°	248.1	273.8	333.2	332.4	323.4
75°	201.0	239.1	280.2	267.8	259.2
77.5°	160.4	201.9	222.4	205.3	191.6
80°	118.1	161.7	159.6	140.3	129.2
82.5°	77.4	112.5	98.8	79.6	74.4
85°	44.5	61.2	42.3	30.8	27.4
87.5°	18.8	16.3	10.7	9.8	9.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)