

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: LUMARK

Report Number: P295429

Luminaire Tested: **TCRS5W(7040-7050)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295429
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-12)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS5W(7040-7050)-VISOR
Description: TRACER SMALL, VISOR NEMA 5x5
Light Source: (6) 4000K&5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 533.4 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

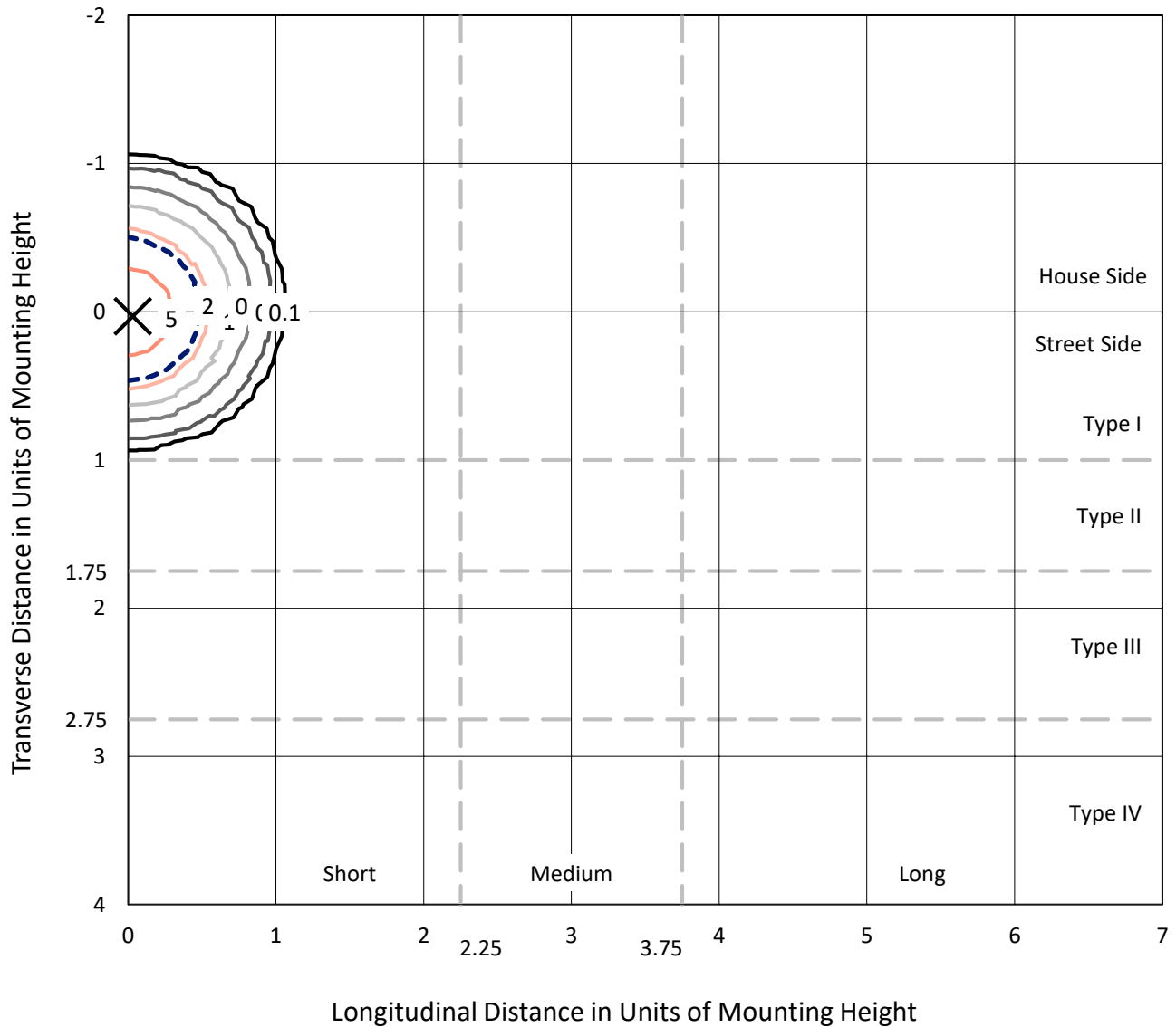
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

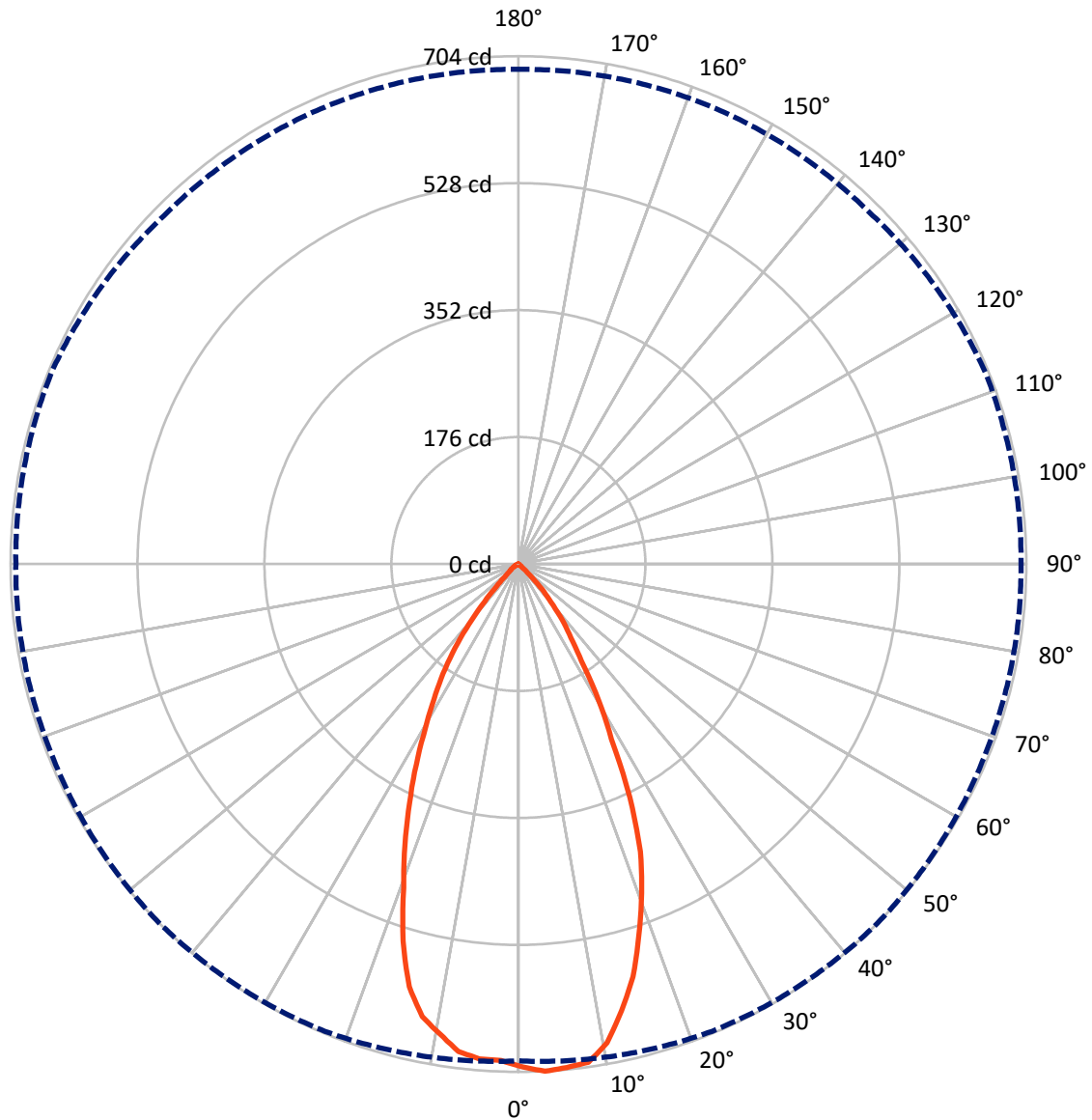
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 2.5-Deg Vertical

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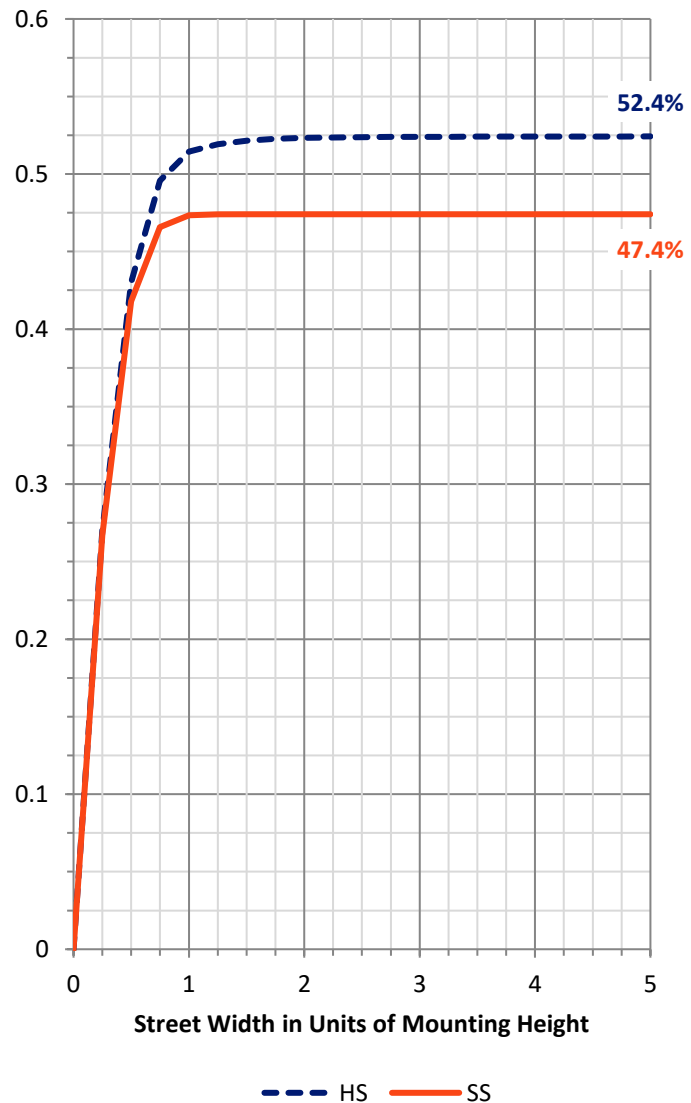
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	282.6	0.0	282.6
	% Fixture	53.0	0.0	53.0
Street Side	Lumens	250.8	0.0	250.8
	% Fixture	47.0	0.0	47.0
Total	Lumens	533.4	0.0	533.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	12.3
10°-20°	165.2	31.0
20°-30°	164.7	30.9
30°-40°	99.4	18.6
40°-50°	30.0	5.6
50°-60°	6.1	1.1
60°-70°	1.9	0.3
70°-80°	0.3	0.1
80°-90°	0.1	0.0
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°-90°	533.4	100.0
0°-180°	533.4	100.0



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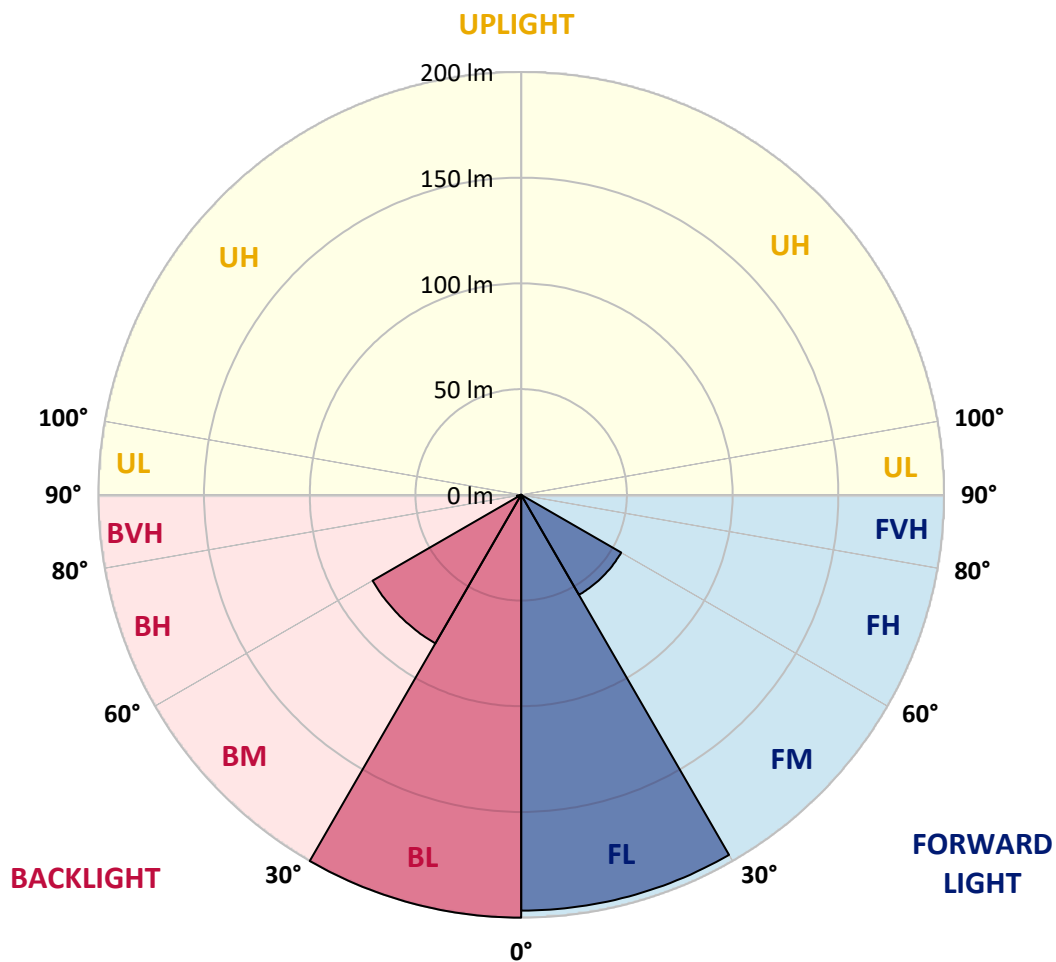
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	196.2	36.8			
FM	(30°-60°)	54.5	10.2			
FH	(60°-80°)	0.2	0.0			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	199.5	37.4	B1/500		
BM	(30°-60°)	81.0	15.2	B0/220		
BH	(60°-80°)	2.0	0.4	B0/110		G0/660
BVH	(80°-90°)	0.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	697.5	697.5	697.5	697.5	697.5	697.5	697.5	697.5	697.5
2.5°	688.8	701.2	704.1	699.0	696.8	699.7	688.8	688.1	685.9
5°	700.5	702.6	701.2	701.9	693.2	696.1	688.1	686.6	685.2
7.5°	694.6	699.7	697.5	699.0	692.4	689.5	680.8	680.1	677.1
10°	679.3	683.0	675.0	681.5	683.7	679.3	660.4	670.6	664.0
12.5°	650.2	649.4	635.6	649.4	656.0	650.9	641.4	637.8	633.4
15°	610.8	606.4	594.0	606.4	608.6	607.9	605.0	594.8	584.6
17.5°	548.1	545.2	540.8	545.9	541.6	547.4	546.7	539.4	540.1
20°	473.8	488.4	487.6	486.9	472.3	486.9	476.7	478.2	506.6
22.5°	390.0	409.6	433.0	427.1	416.9	429.3	419.8	422.0	451.2
25°	343.3	341.1	358.6	371.7	361.5	374.6	363.7	365.9	387.8
27.5°	284.3	279.2	274.8	309.0	305.4	322.9	312.0	309.0	333.1
30°	207.7	207.0	219.4	234.7	252.2	269.0	261.7	259.5	279.9
32.5°	158.2	169.1	160.4	175.7	205.5	226.0	220.9	215.8	236.2
35°	123.2	115.9	125.4	148.7	169.1	189.5	184.4	181.5	193.9
37.5°	70.7	81.6	98.4	111.5	138.5	150.2	145.8	144.3	148.7
40°	51.8	55.4	69.2	80.9	107.1	110.8	107.9	106.4	108.6
42.5°	21.9	28.4	48.1	55.4	72.2	76.5	70.0	69.2	73.6
45°	10.9	13.1	22.6	32.8	41.5	45.9	43.0	40.8	38.6
47.5°	3.6	5.1	8.7	16.0	20.4	26.2	24.8	24.1	23.3
50°	0.0	1.5	4.4	8.7	13.1	16.8	16.8	17.5	17.5
52.5°	0.0	0.0	2.2	5.1	10.2	13.1	13.8	14.6	14.6
55°	0.0	0.0	0.7	3.6	8.0	10.9	11.7	11.7	12.4
57.5°	0.0	0.0	0.0	2.9	5.8	8.7	9.5	9.5	9.5
60°	0.0	0.0	0.0	2.2	4.4	6.6	7.3	7.3	8.0
62.5°	0.0	0.0	0.0	0.7	2.9	4.4	5.1	5.1	5.8
65°	0.0	0.0	0.0	0.0	1.5	2.9	3.6	3.6	4.4
67.5°	0.0	0.0	0.0	0.0	0.7	1.5	2.2	2.2	2.2
70°	0.0	0.0	0.0	0.0	0.0	0.7	1.5	1.5	1.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)