

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: P295434

Luminaire Tested: **TCSR8W(7030)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295434
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: TCRS8W(7030)-VISOR
Description: TRACER SMALL, VISOR NEMA 5x5
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 790.6 lumens
Efficiency: N/A
Efficacy: 98.8 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): 8
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

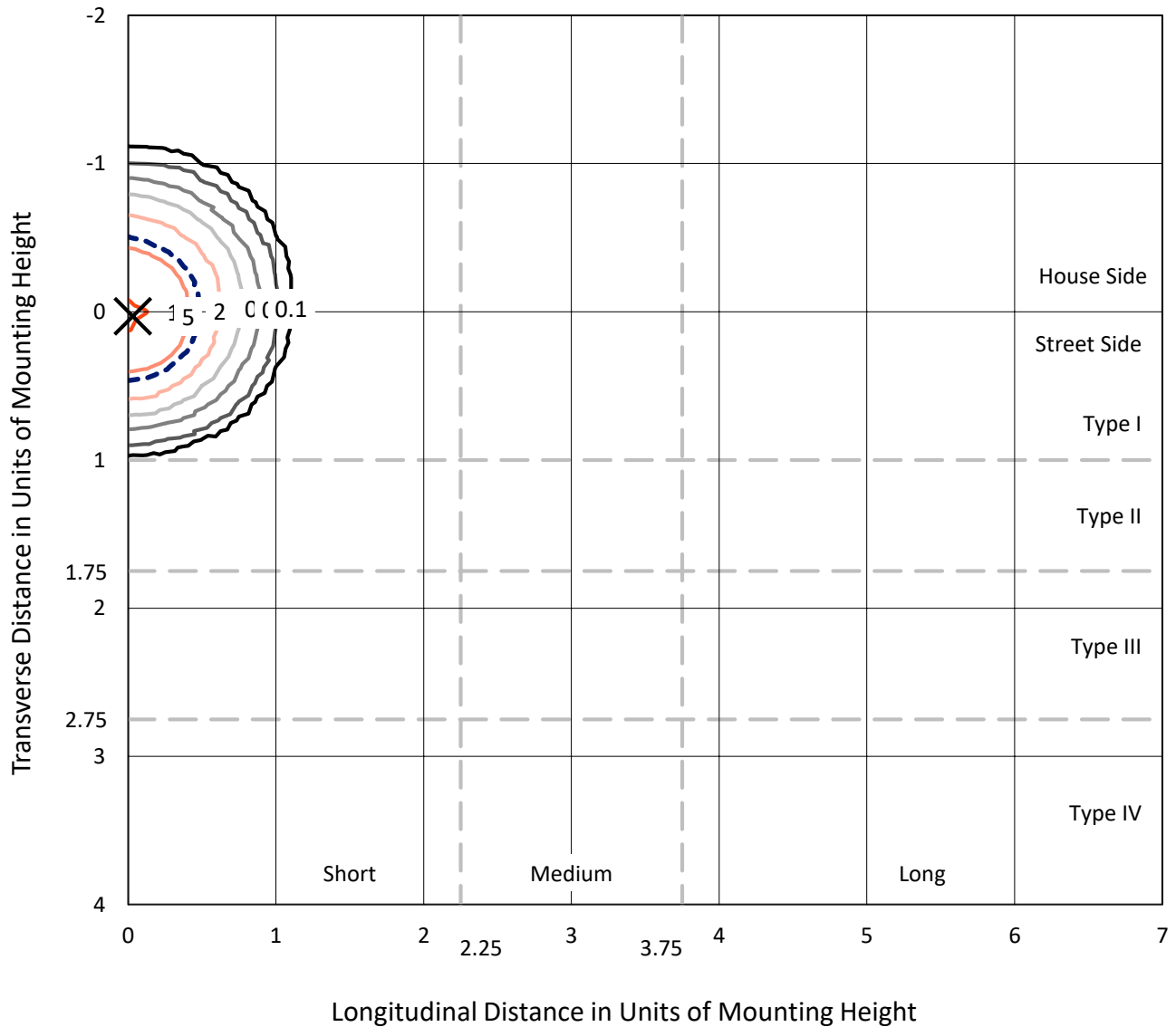


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Iso-Footcandle Lines of Horizontal Illumination

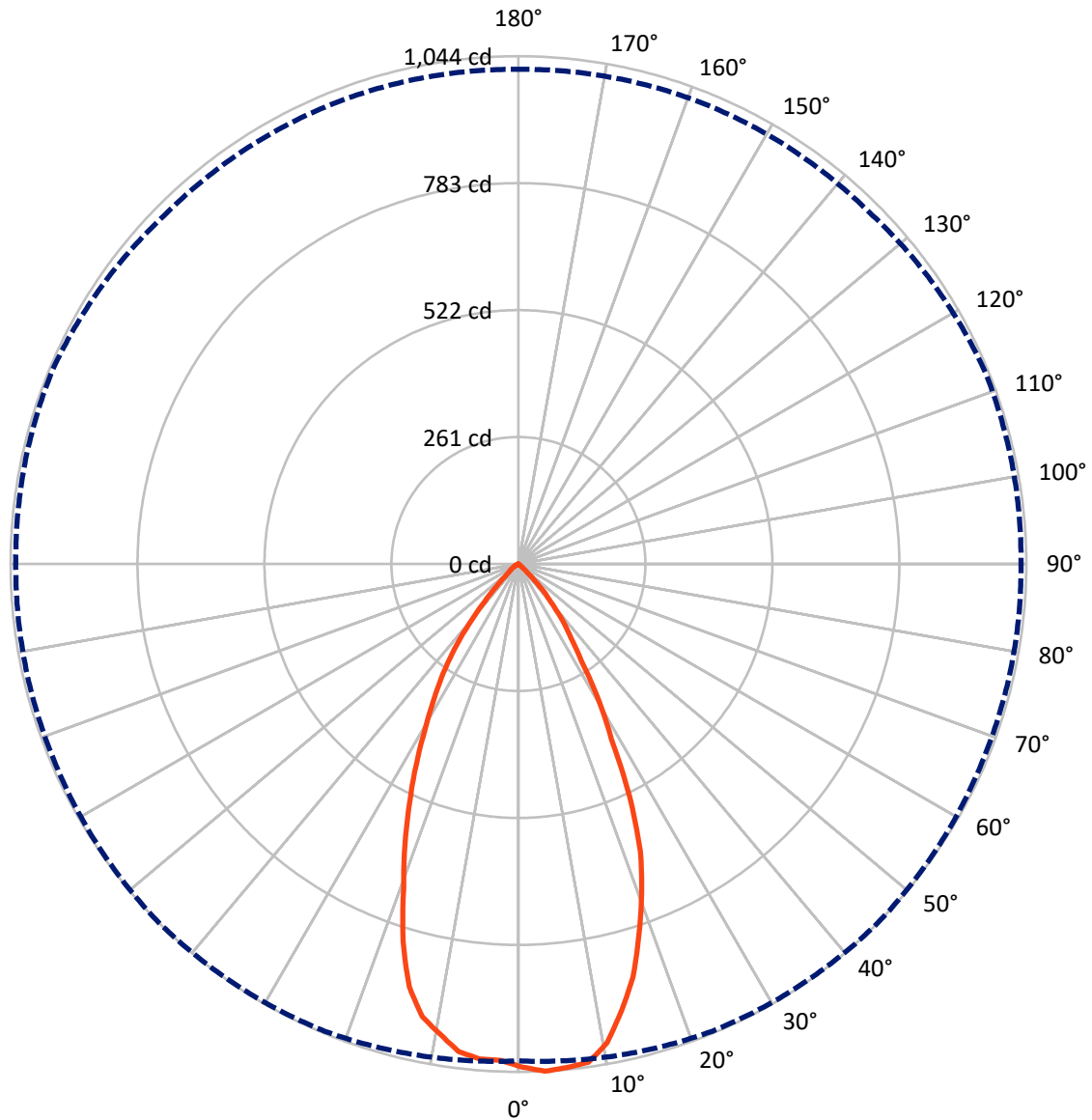
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.3 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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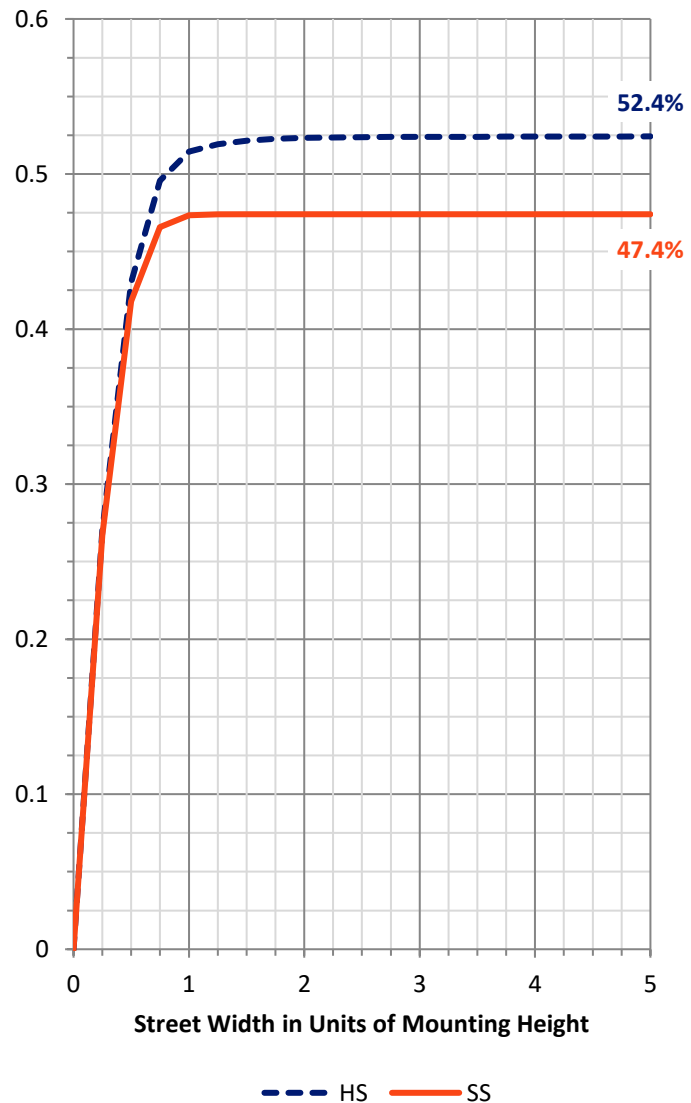
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	418.8	0.0	418.8
	% Fixture	53.0	0.0	53.0
Street Side	Lumens	371.8	0.0	371.8
	% Fixture	47.0	0.0	47.0
Total	Lumens	790.6	0.0	790.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.5	12.3
10°-20°	244.8	31.0
20°-30°	244.1	30.9
30°-40°	147.3	18.6
40°-50°	44.4	5.6
50°-60°	9.0	1.1
60°-70°	2.8	0.3
70°-80°	0.5	0.1
80°-90°	0.2	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°	790.6	100.0
0°-180°	790.6	100.0



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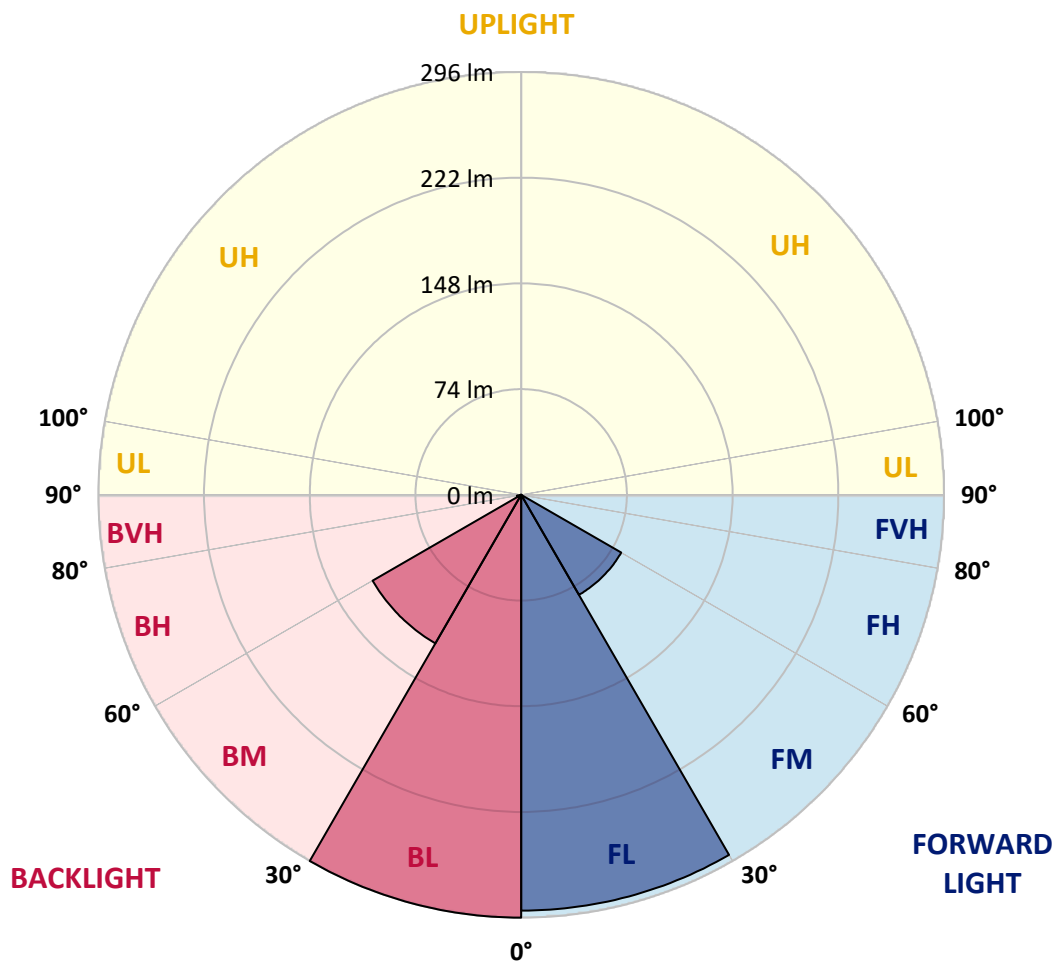
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	290.7	36.8			
FM	(30°-60°)	80.8	10.2			
FH	(60°-80°)	0.2	0.0			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	295.7	37.4	B1/500		
BM	(30°-60°)	120.0	15.2	B0/220		
BH	(60°-80°)	3.0	0.4	B0/110		G0/660
BVH	(80°-90°)	0.2	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°	1033.8	1033.8	1033.8	1033.8	1033.8	1033.8	1033.8	1033.8	1033.8
2.5°	1020.8	1039.2	1043.5	1035.9	1032.7	1037.0	1020.8	1019.7	1016.5
5°	1038.1	1041.3	1039.2	1040.2	1027.3	1031.6	1019.7	1017.6	1015.4
7.5°	1029.4	1037.0	1033.8	1035.9	1026.2	1021.9	1008.9	1007.8	1003.5
10°	1006.8	1012.2	1000.3	1010.0	1013.2	1006.8	978.7	993.8	984.1
12.5°	963.6	962.5	941.9	962.5	972.2	964.6	950.6	945.2	938.7
15°	905.2	898.7	880.4	898.7	902.0	900.9	896.6	881.5	866.3
17.5°	812.3	808.0	801.5	809.1	802.6	811.2	810.2	799.4	800.4
20°	702.1	723.7	722.7	721.6	700.0	721.6	706.5	708.6	750.8
22.5°	577.9	607.1	641.6	633.0	617.9	636.2	622.2	625.4	668.7
25°	508.8	505.5	531.5	550.9	535.8	555.2	539.0	542.3	574.7
27.5°	421.3	413.7	407.2	458.0	452.6	478.5	462.3	458.0	493.7
30°	307.9	306.8	325.1	347.8	373.8	398.6	387.8	384.6	414.8
32.5°	234.4	250.6	237.6	260.3	304.6	334.9	327.3	319.7	350.0
35°	182.6	171.8	185.8	220.4	250.6	280.9	273.3	269.0	287.3
37.5°	104.8	121.0	145.8	165.3	205.2	222.5	216.0	213.9	220.4
40°	76.7	82.1	102.6	119.9	158.8	164.2	159.9	157.7	161.0
42.5°	32.4	42.1	71.3	82.1	106.9	113.4	103.7	102.6	109.1
45°	16.2	19.4	33.5	48.6	61.6	68.1	63.7	60.5	57.3
47.5°	5.4	7.6	13.0	23.8	30.2	38.9	36.7	35.6	34.6
50°	0.0	2.2	6.5	13.0	19.4	24.8	24.8	25.9	25.9
52.5°	0.0	0.0	3.2	7.6	15.1	19.4	20.5	21.6	21.6
55°	0.0	0.0	1.1	5.4	11.9	16.2	17.3	17.3	18.4
57.5°	0.0	0.0	0.0	4.3	8.6	13.0	14.0	14.0	14.0
60°	0.0	0.0	0.0	3.2	6.5	9.7	10.8	10.8	11.9
62.5°	0.0	0.0	0.0	1.1	4.3	6.5	7.6	7.6	8.6
65°	0.0	0.0	0.0	0.0	2.2	4.3	5.4	5.4	6.5
67.5°	0.0	0.0	0.0	0.0	1.1	2.2	3.2	3.2	3.2
70°	0.0	0.0	0.0	0.0	0.0	1.1	2.2	2.2	2.2
72.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)