

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: P295426

Luminaire Tested: **TCRS5S(7030)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295426
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-2)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS5S(7030)-VISOR
Description: TRACER SMALL, VISOR NEMA 3x3
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 502.6 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type I - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

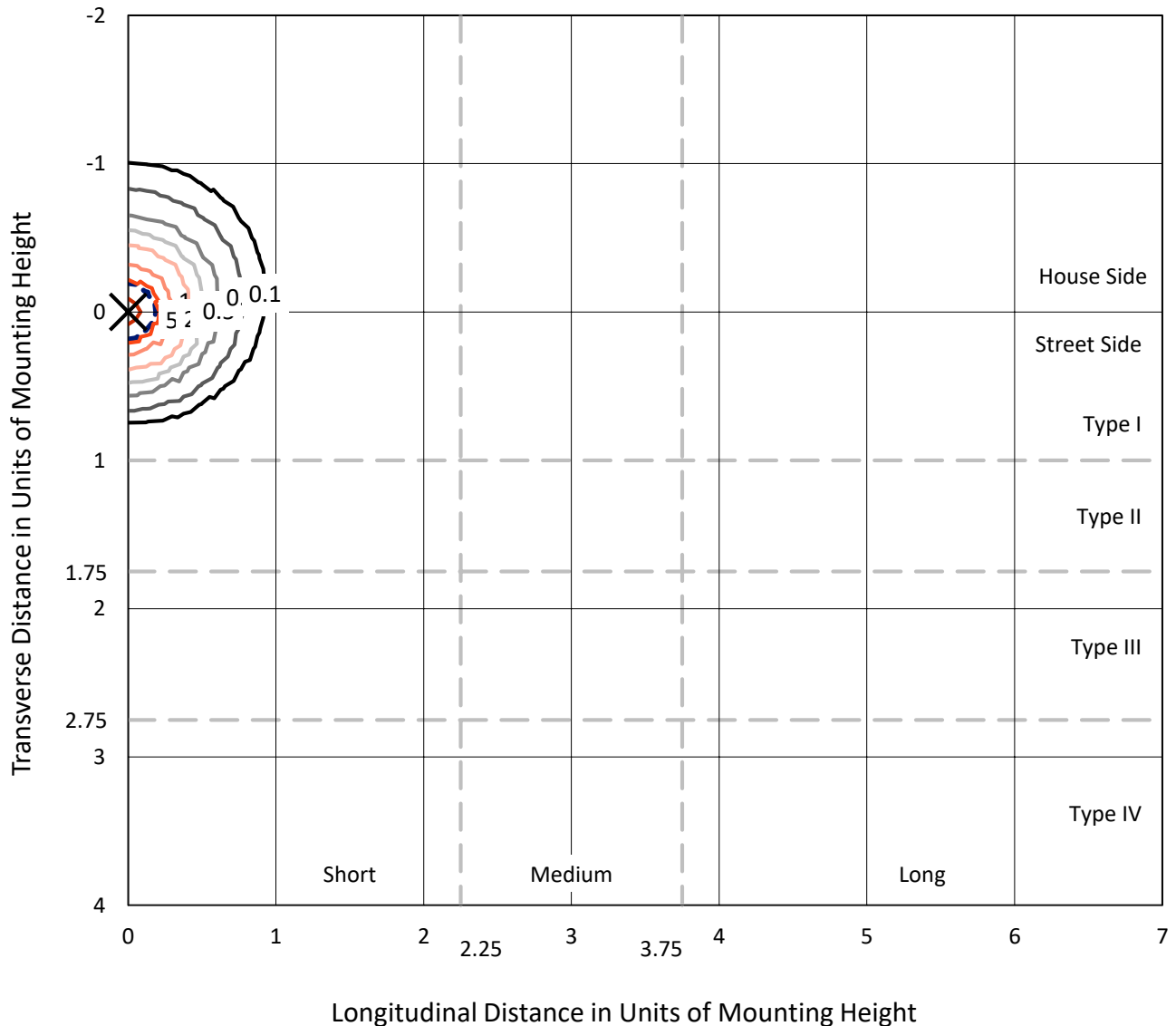
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

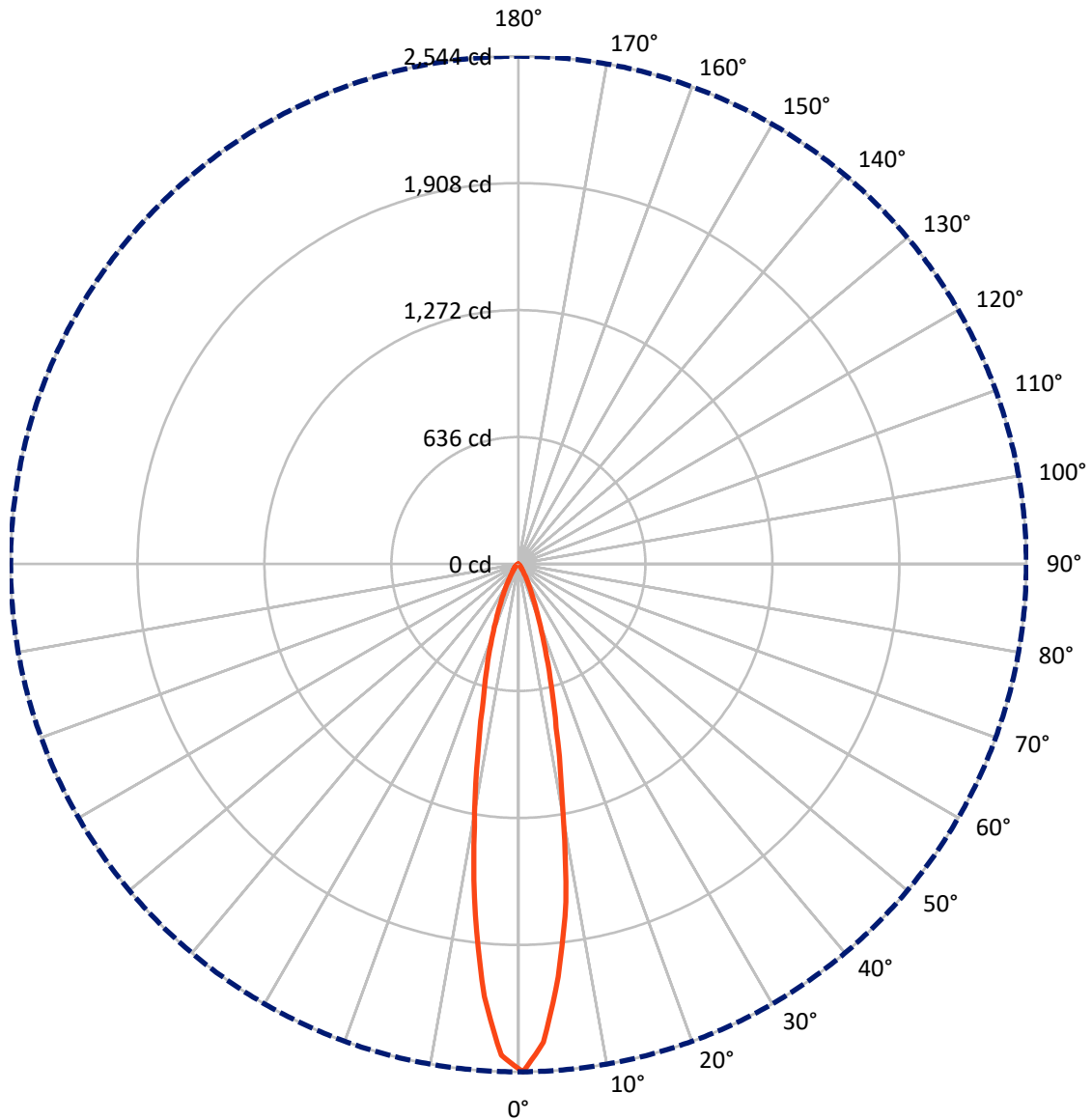
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 25.4 fc
 Type I - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 0-Deg Vertical

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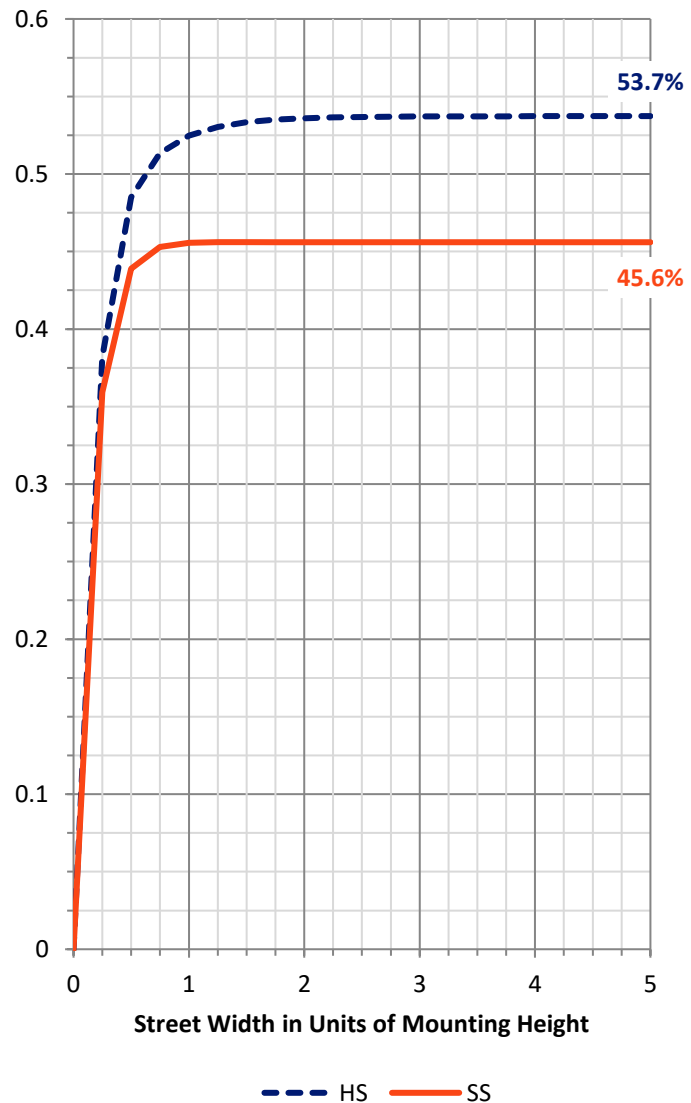
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	273.9	0.0	273.9
	% Fixture	54.5	0.0	54.5
Street Side	Lumens	228.7	0.0	228.7
	% Fixture	45.5	0.0	45.5
Total	Lumens	502.6	0.0	502.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.4	35.1
10°-20°	187.9	37.4
20°-30°	82.8	16.5
30°-40°	31.4	6.3
40°-50°	14.3	2.8
50°-60°	6.9	1.4
60°-70°	2.5	0.5
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°	502.6	100.0
0°-180°	502.6	100.0



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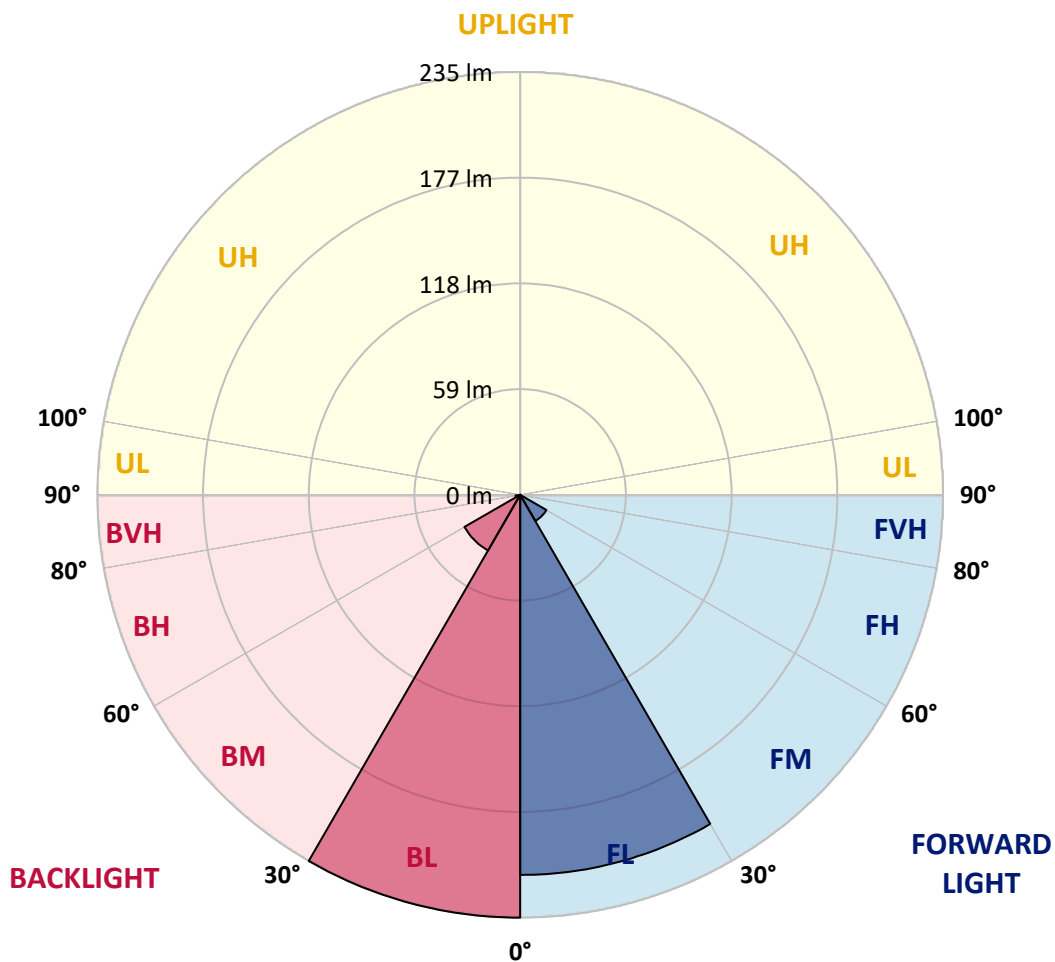
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	211.6	42.1			
FM	(30°-60°)	16.8	3.3			
FH	(60°-80°)	0.2	0.0			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	235.4	46.8	B1/500		
BM	(30°-60°)	35.8	7.1	B0/220		
BH	(60°-80°)	2.6	0.5	B0/110		G0/110
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 I Short





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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	2544.1	2544.1	2544.1	2544.1	2544.1	2544.1	2544.1	2544.1	2544.1
2.5°	2398.9	2431.5	2435.4	2436.7	2452.0	2447.5	2459.7	2425.8	2461.6
5°	2076.5	2111.1	2145.6	2112.3	2143.0	2162.9	2146.2	2171.2	2172.5
7.5°	1709.3	1664.5	1693.3	1724.7	1712.5	1749.0	1768.8	1750.9	1772.6
10°	1201.4	1221.2	1243.6	1278.1	1266.6	1301.8	1335.7	1345.3	1336.4
12.5°	841.2	868.1	882.2	904.6	918.6	927.6	983.2	967.9	973.6
15°	596.2	587.3	617.3	623.1	638.4	667.2	692.8	701.8	696.6
17.5°	407.5	420.3	428.0	438.2	471.5	486.2	505.4	500.9	537.4
20°	282.1	283.4	301.3	314.7	342.2	358.2	371.0	374.2	397.3
22.5°	190.0	190.6	208.5	227.1	241.8	260.4	266.1	277.6	294.3
25°	136.3	129.9	140.7	161.2	179.8	190.0	194.5	200.9	218.8
27.5°	90.8	85.7	88.9	112.6	131.1	139.5	142.0	150.3	160.6
30°	58.2	58.9	60.1	77.4	96.6	101.7	104.3	108.1	115.8
32.5°	37.1	39.7	44.8	53.1	70.4	76.8	78.7	80.6	86.4
35°	24.9	26.9	34.5	40.3	53.1	58.9	60.1	62.1	66.5
37.5°	16.6	18.6	24.3	31.3	39.7	46.1	48.0	48.0	49.9
40°	11.5	12.8	17.3	24.9	30.7	36.5	38.4	39.0	40.3
42.5°	8.3	8.3	11.5	19.8	24.3	29.4	32.0	32.6	33.9
45°	4.5	5.1	8.3	15.4	19.2	24.3	26.9	28.1	28.8
47.5°	1.3	2.6	5.8	10.9	16.0	20.5	23.0	24.3	24.3
50°	0.6	0.6	3.2	7.7	13.4	17.3	19.8	20.5	21.1
52.5°	0.0	0.6	1.9	5.1	10.2	14.1	16.6	17.3	17.9
55°	0.0	0.0	0.6	3.8	8.3	12.2	13.4	14.7	14.7
57.5°	0.0	0.0	0.6	2.6	6.4	9.6	11.5	12.2	12.2
60°	0.0	0.0	0.0	1.9	4.5	7.0	9.0	9.6	10.2
62.5°	0.0	0.0	0.0	0.6	3.2	5.1	7.0	7.0	8.3
65°	0.0	0.0	0.0	0.6	1.9	3.2	5.1	5.8	5.8
67.5°	0.0	0.0	0.0	0.0	0.6	1.9	3.2	3.8	3.8
70°	0.0	0.0	0.0	0.0	0.6	1.3	1.9	2.6	2.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3	1.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)