

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: P295417

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295417
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS5W(7040-7050)
Description: TRACER SMALL, STANDARD TRIM NEMA 5x5
Light Source: (6) 4000K&5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 560.9 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

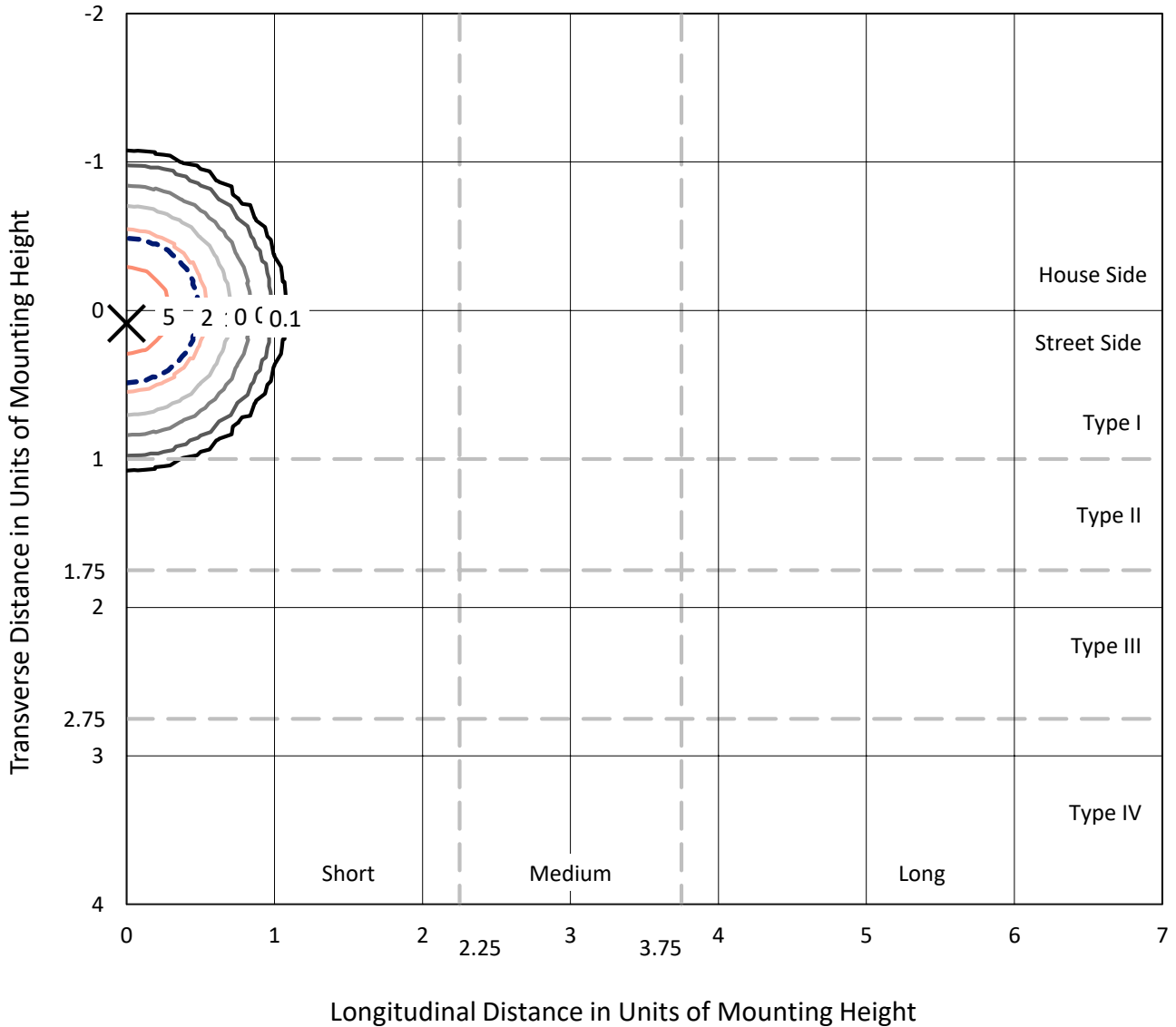
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

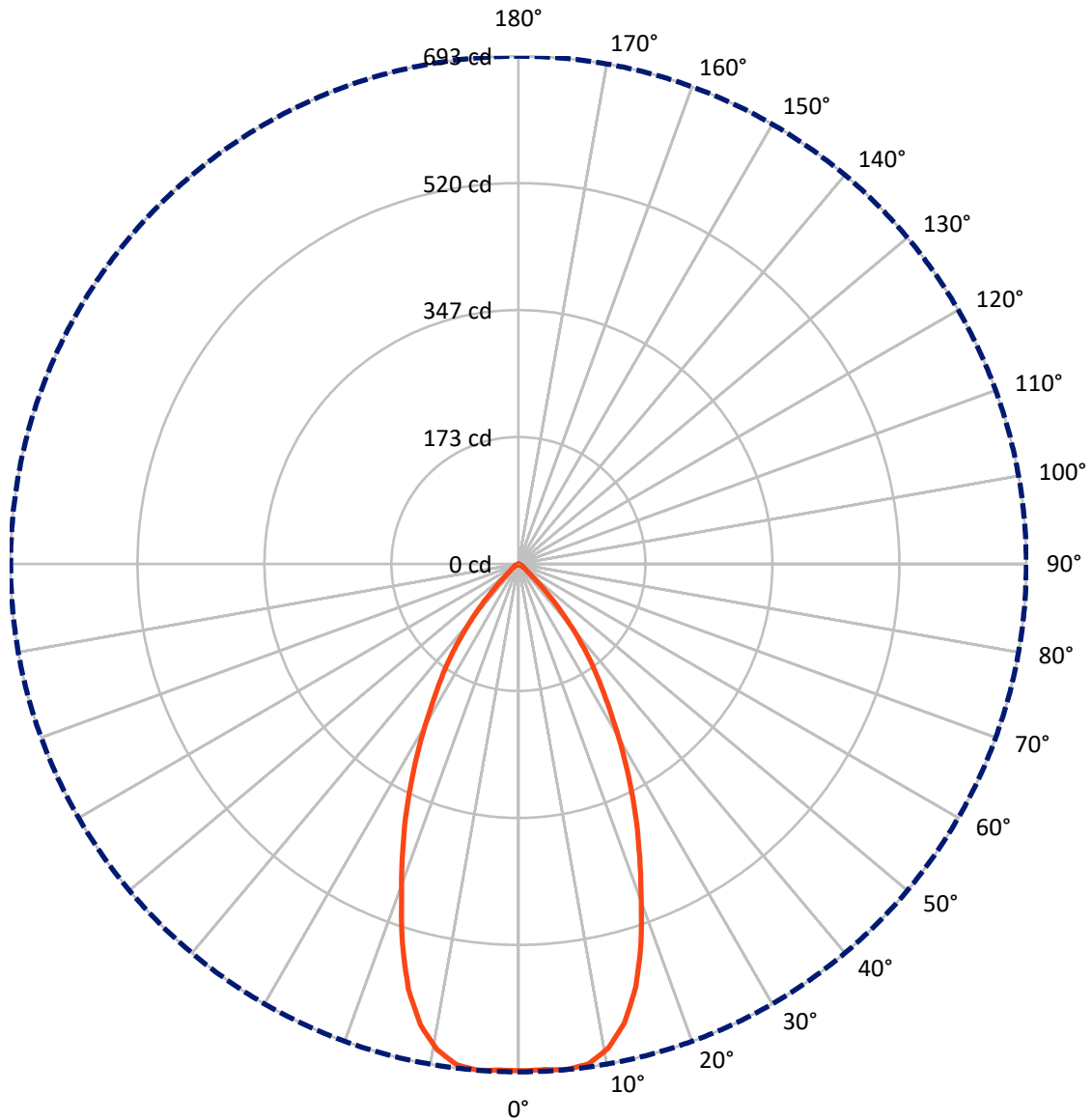
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 5-Deg Vertical

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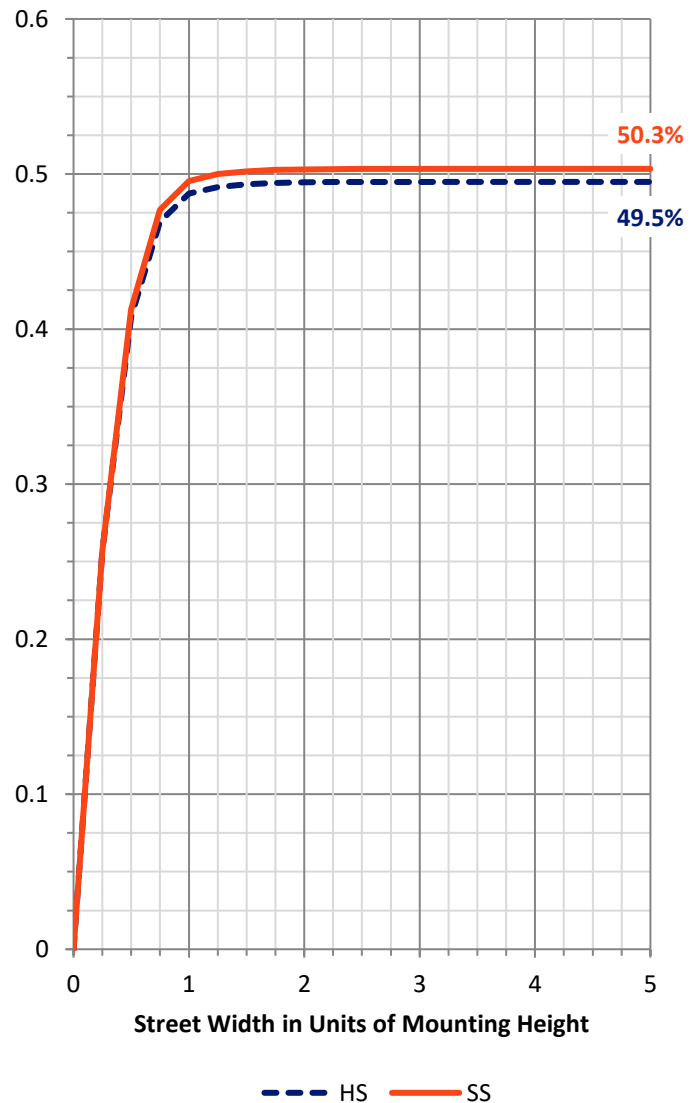
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	280.5	0.0	280.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	280.5	0.0	280.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	560.9	0.0	560.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	11.7
10°-20°	164.3	29.3
20°-30°	167.6	29.9
30°-40°	112.6	20.1
40°-50°	39.2	7.0
50°-60°	9.1	1.6
60°-70°	2.6	0.5
70°-80°	0.1	0.0
80°-90°	0.0	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°	560.9	100.0
0°-180°	560.9	100.0



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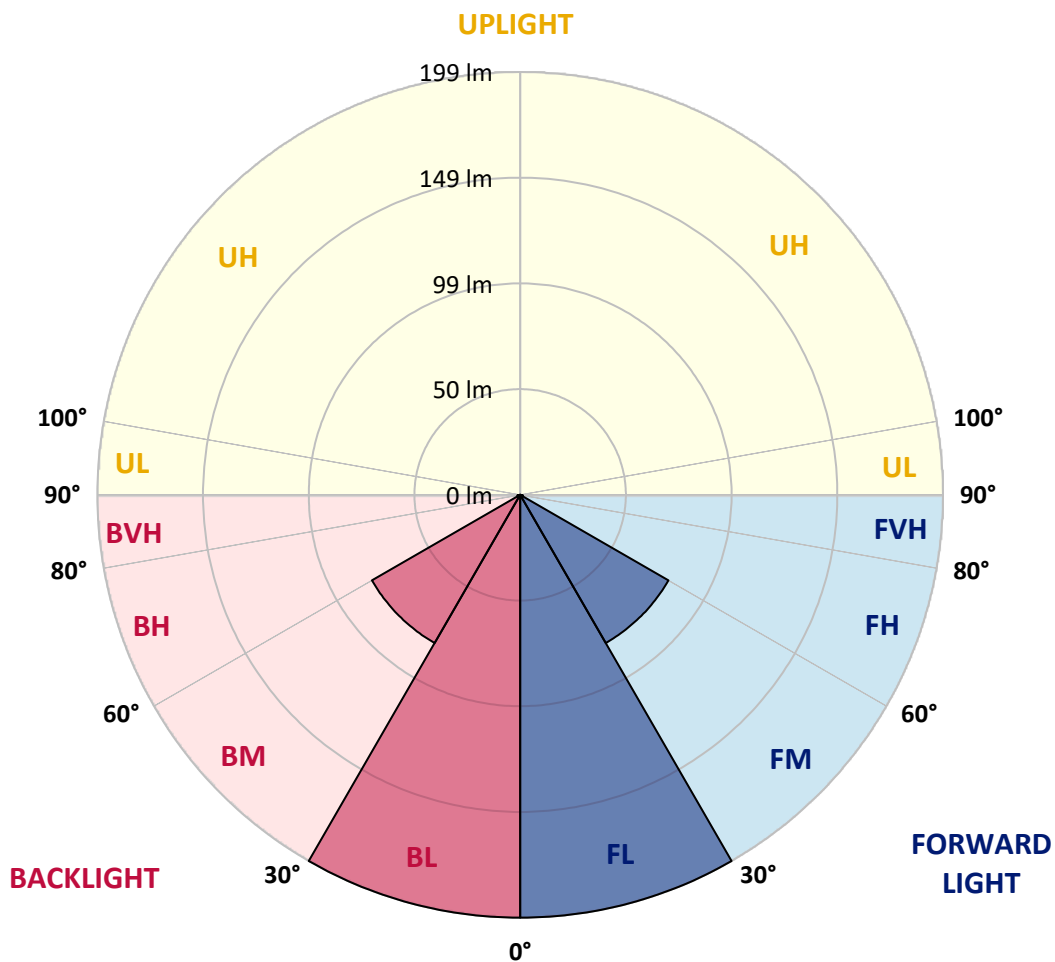
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	198.7	35.4			
FM	(30°-60°)	80.4	14.3			
FH	(60°-80°)	1.3	0.2			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	198.7	35.4	B1/500		
BM	(30°-60°)	80.4	14.3	B0/220		
BH	(60°-80°)	1.3	0.2	B0/110		G0/660
BVH	(80°-90°)	0.0	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°
0°	691.6
2.5°	690.9
5°	693.1
7.5°	688.7
10°	672.0
12.5°	642.8
15°	599.1
17.5°	541.5
20°	477.4
22.5°	421.2
25°	367.3
27.5°	314.1
30°	263.8
32.5°	217.9
35°	180.7
37.5°	144.3
40°	107.9
42.5°	75.1
45°	45.2
47.5°	25.5
50°	16.0
52.5°	12.4
55°	9.5
57.5°	8.0
60°	5.8
62.5°	3.6
65°	2.2
67.5°	1.5
70°	0.7
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)