

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: P295423

Luminaire Tested: **TCRS8W(7040-7050)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295423
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: TCRS8W(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: 860 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

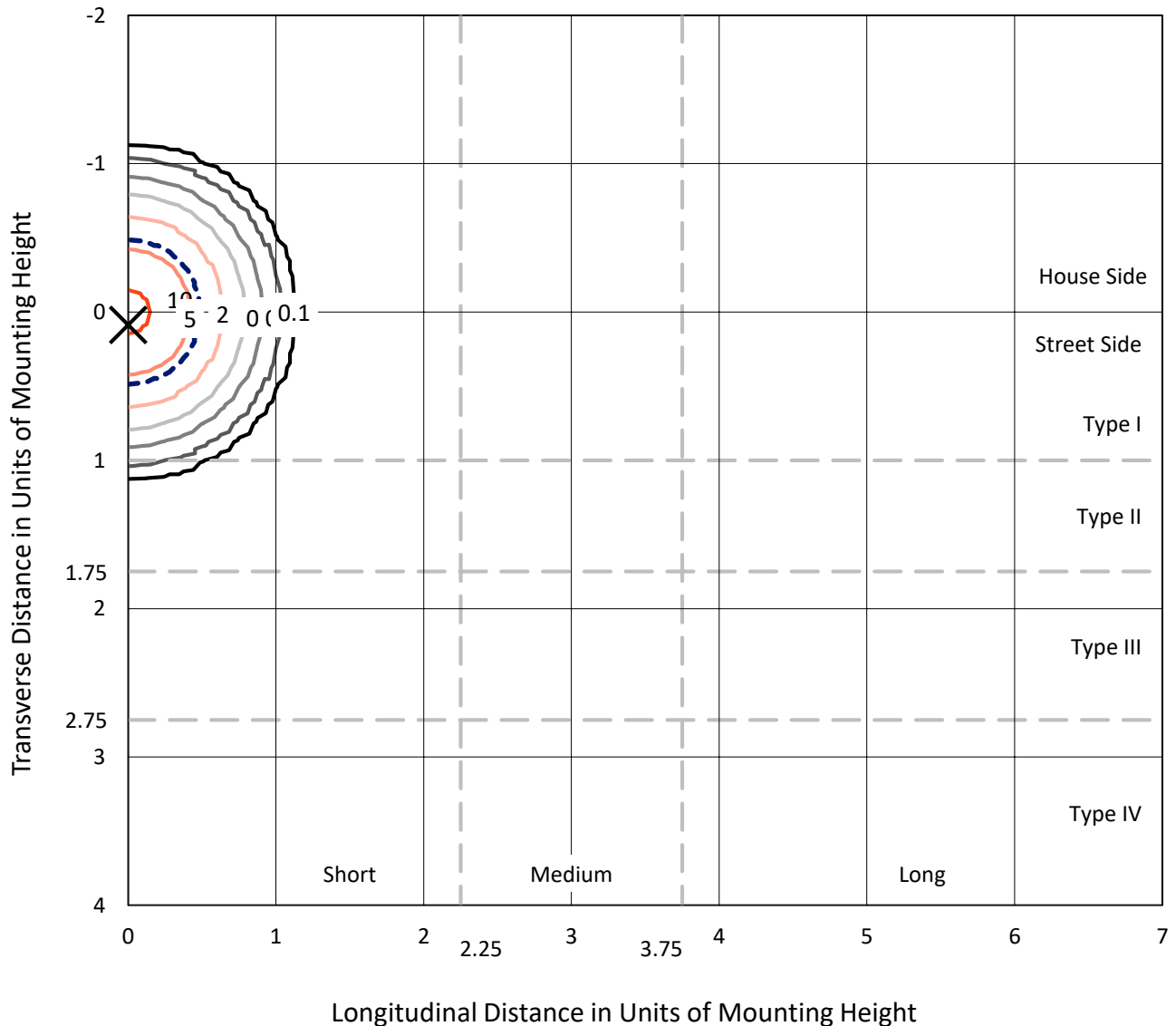
Input Watts (W): 8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

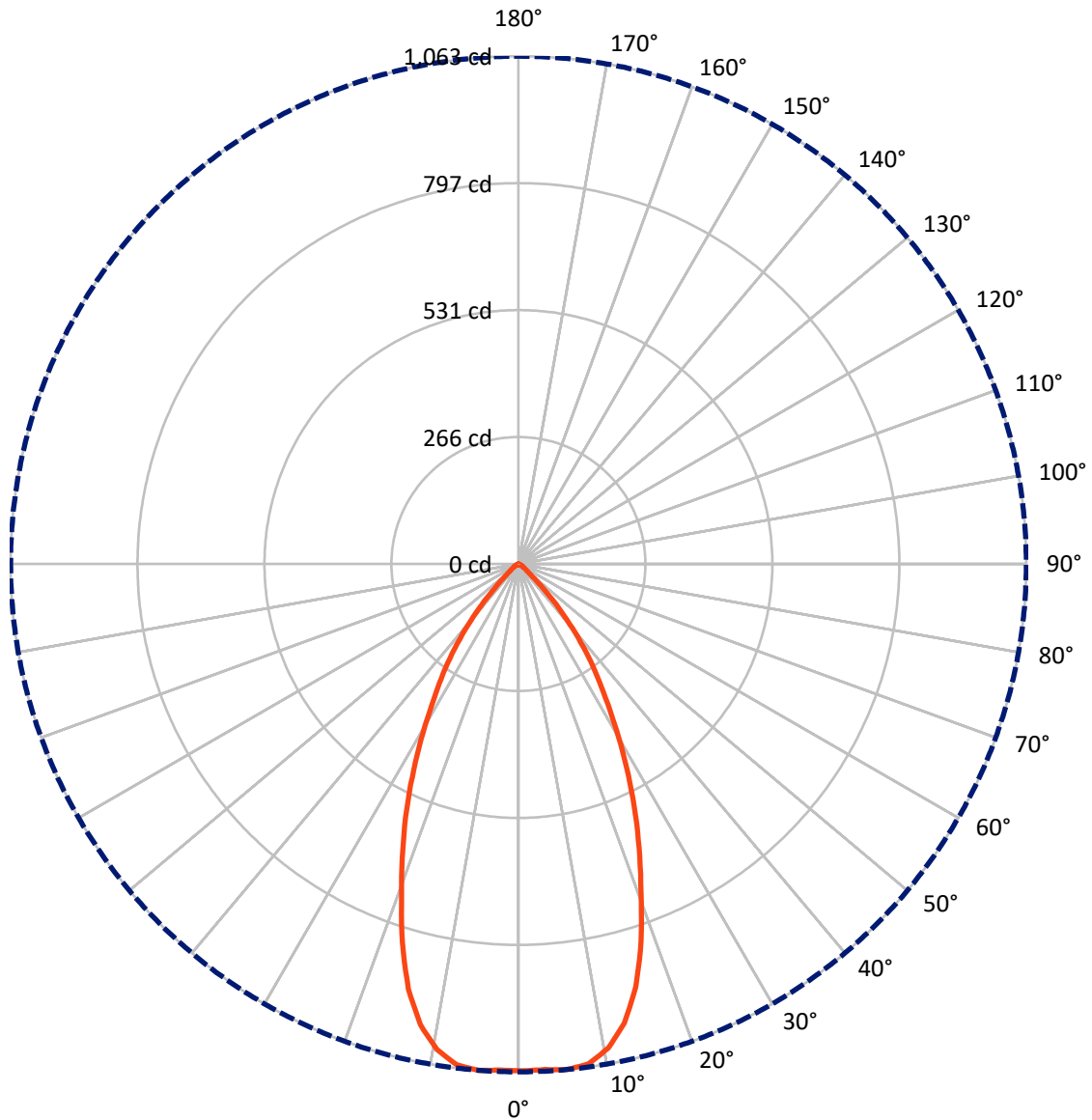
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.6 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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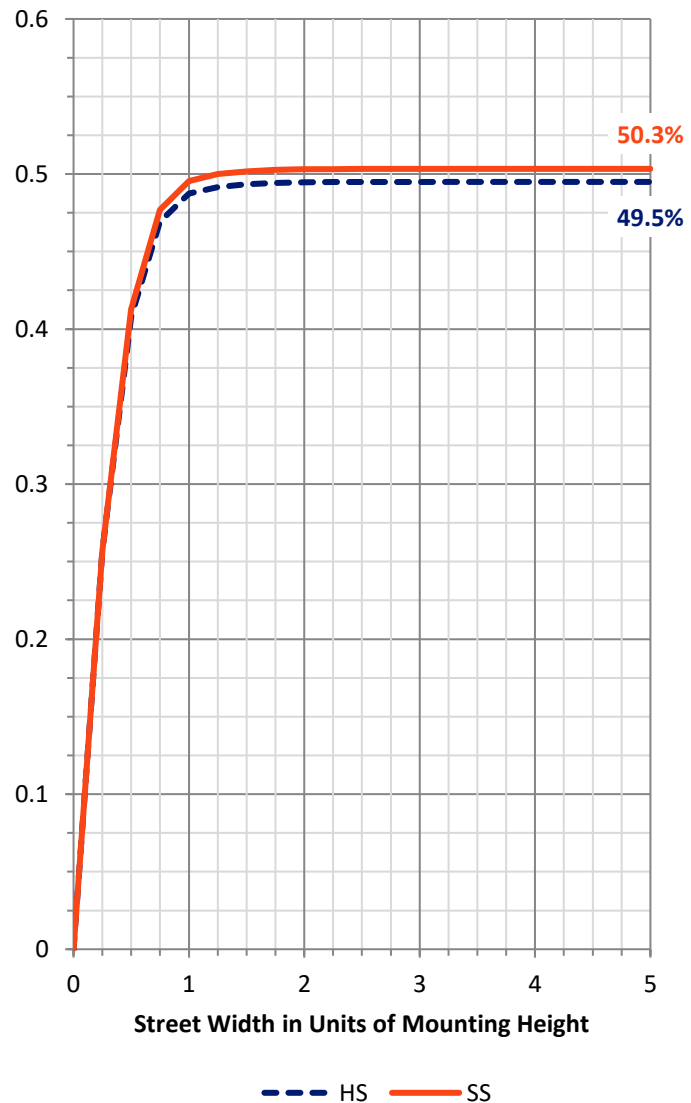
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	430.0	0.0	430.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	430.0	0.0	430.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	860.0	0.0	860.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.5	11.7
10°-20°	251.8	29.3
20°-30°	256.9	29.9
30°-40°	172.6	20.1
40°-50°	60.1	7.0
50°-60°	13.9	1.6
60°-70°	4.0	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°	860.0	100.0
0°-180°	860.0	100.0



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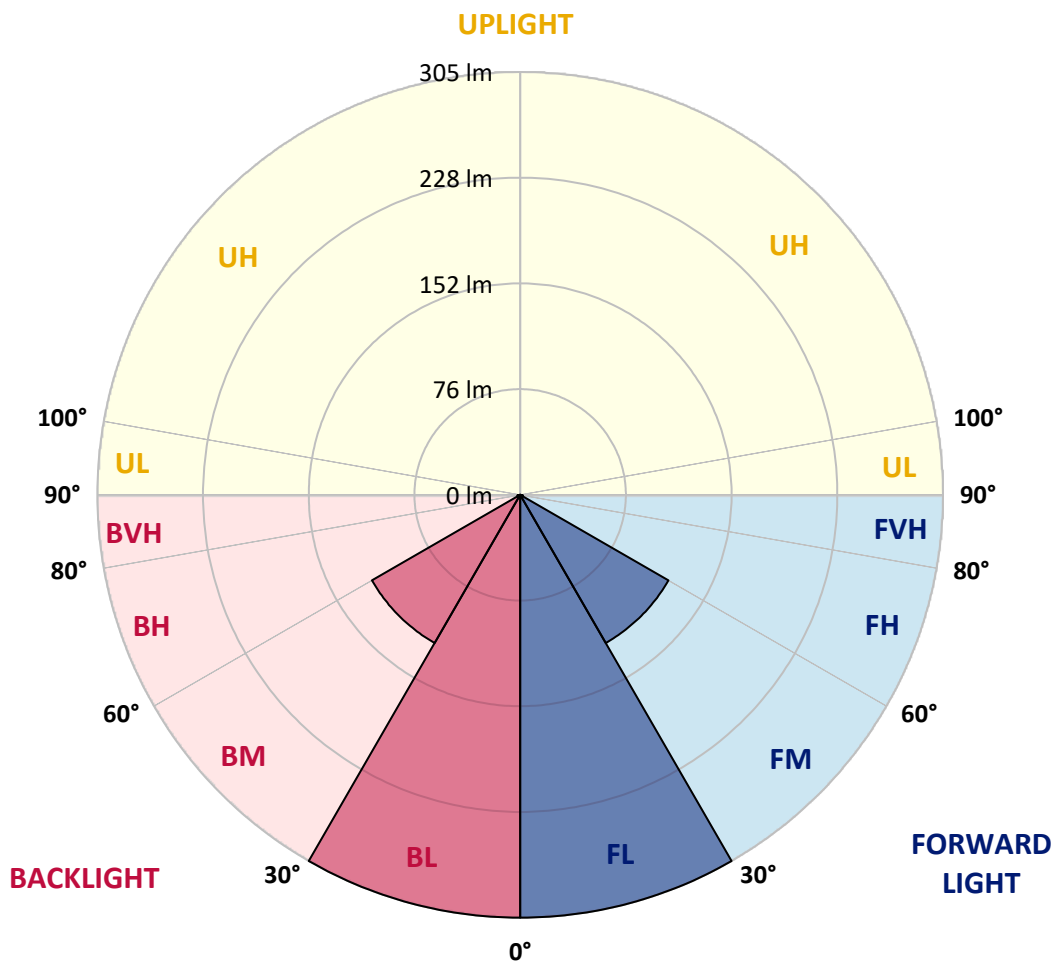
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	304.6	35.4			
FM	(30°-60°)	123.3	14.3			
FH	(60°-80°)	2.1	0.2			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	304.6	35.4	B1/500		
BM	(30°-60°)	123.3	14.3	B0/220		
BH	(60°-80°)	2.1	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°	1060.4
2.5°	1059.2
5°	1062.6
7.5°	1055.9
10°	1030.2
12.5°	985.5
15°	918.5
17.5°	830.2
20°	731.9
22.5°	645.8
25°	563.1
27.5°	481.6
30°	404.5
32.5°	334.1
35°	277.1
37.5°	221.2
40°	165.4
42.5°	115.1
45°	69.3
47.5°	39.1
50°	24.6
52.5°	19.0
55°	14.5
57.5°	12.3
60°	8.9
62.5°	5.6
65°	3.4
67.5°	2.2
70°	1.1
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)