

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: P295414

Luminaire Tested: **TCRS5S(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295414
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-1)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCR55S(7030)
Description: TRACER SMALL, STANDARD TRIM NEMA 3x3
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 512.1 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

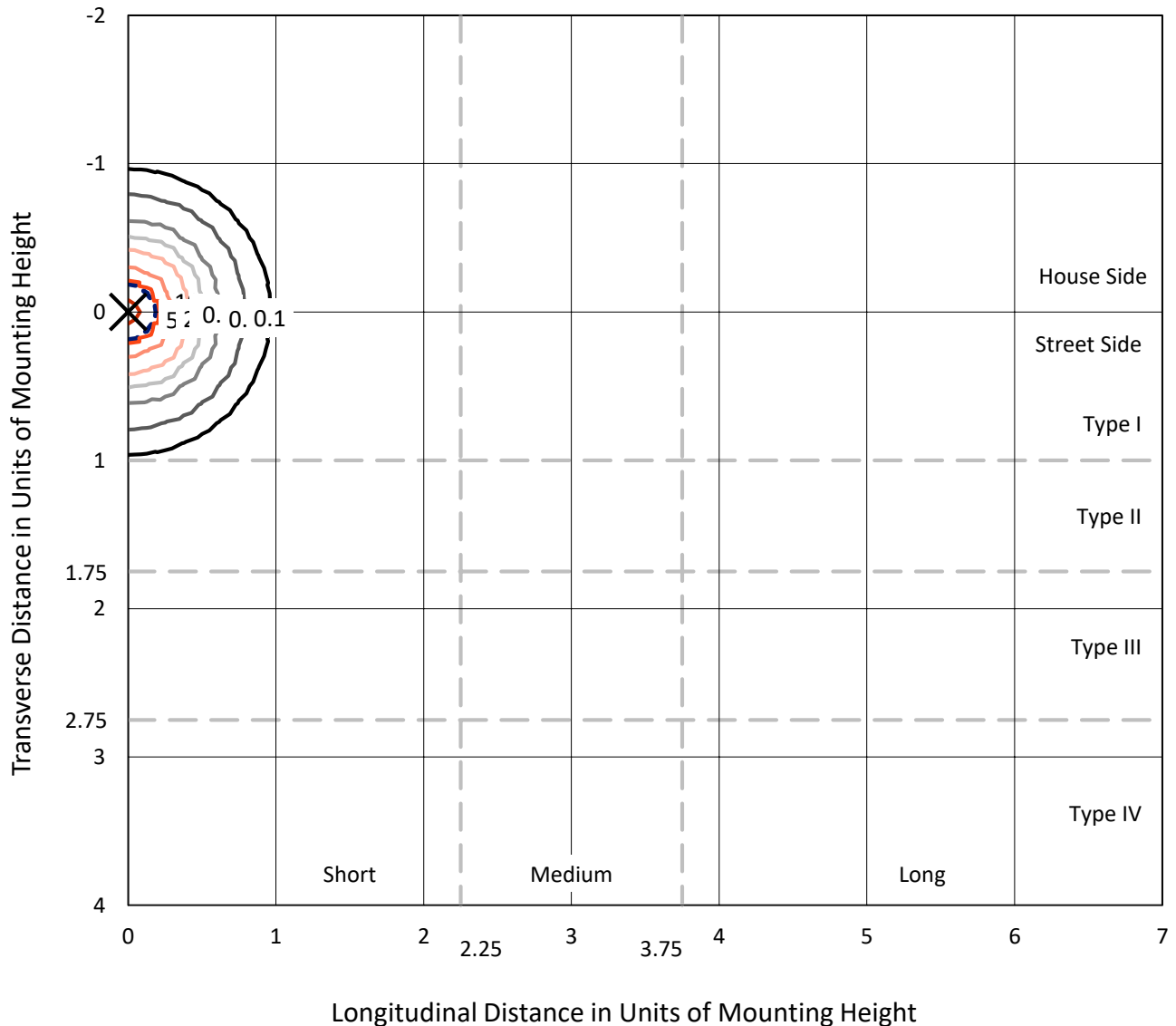
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

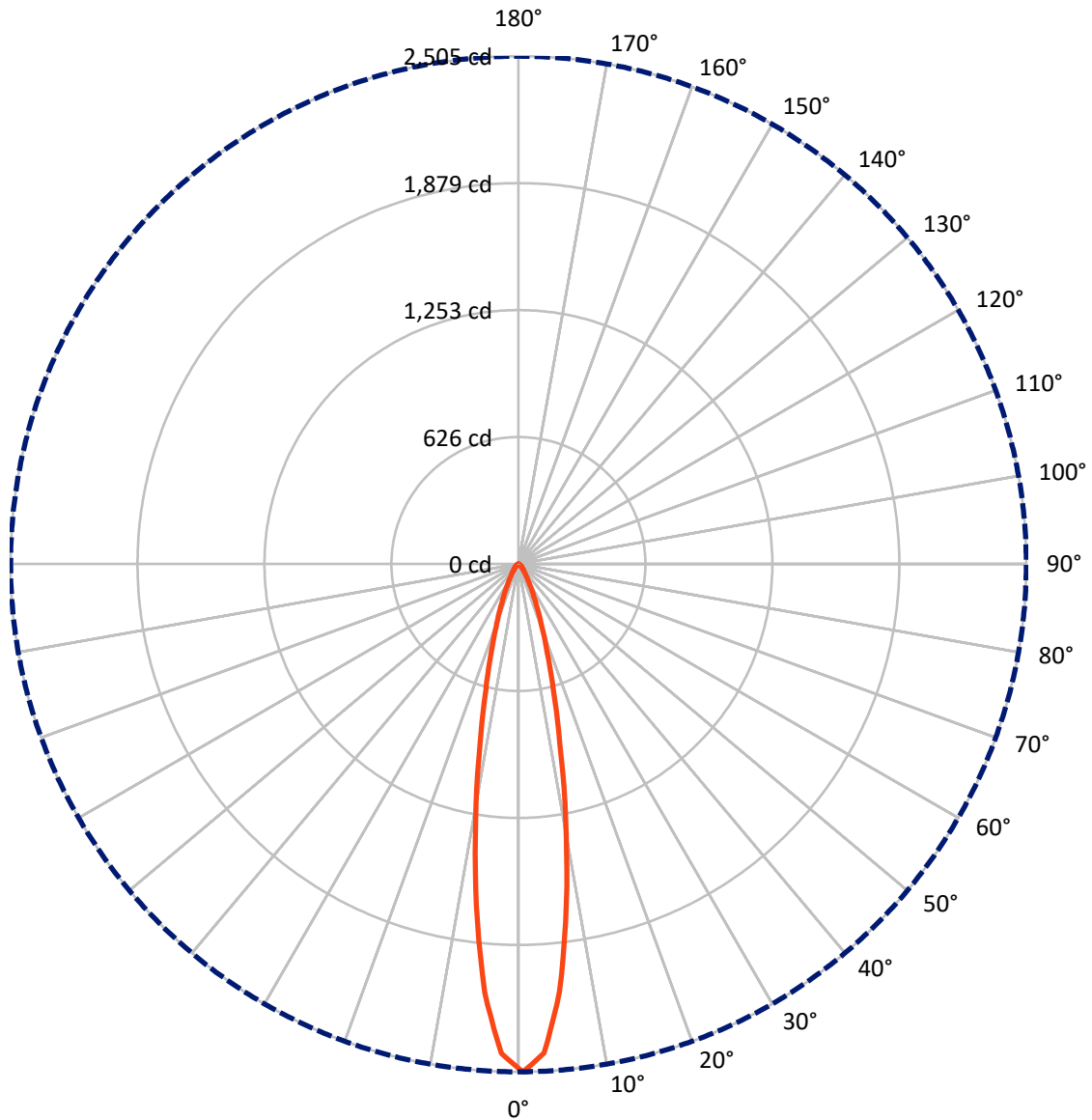
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 25.1 fc
 Type V - 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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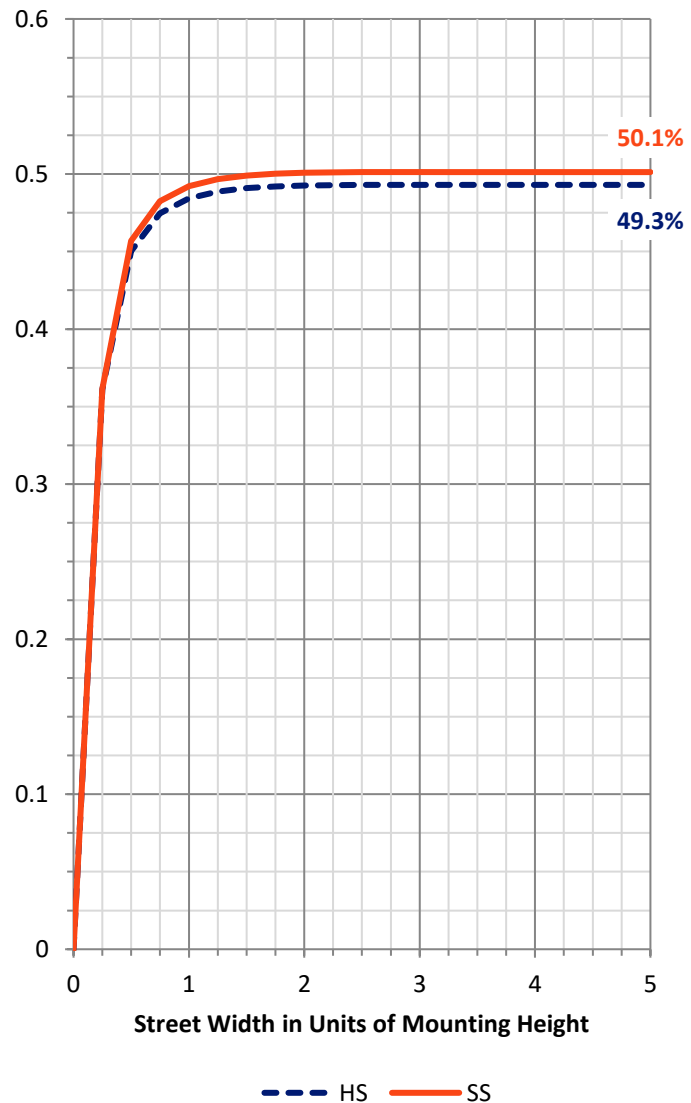
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	256.0	0.0	256.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	256.0	0.0	256.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	512.1	0.0	512.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.2	34.0
10°-20°	185.7	36.3
20°-30°	84.0	16.4
30°-40°	35.6	6.9
40°-50°	18.9	3.7
50°-60°	10.2	2.0
60°-70°	3.4	0.7
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°	512.1	100.0
0°-180°	512.1	100.0

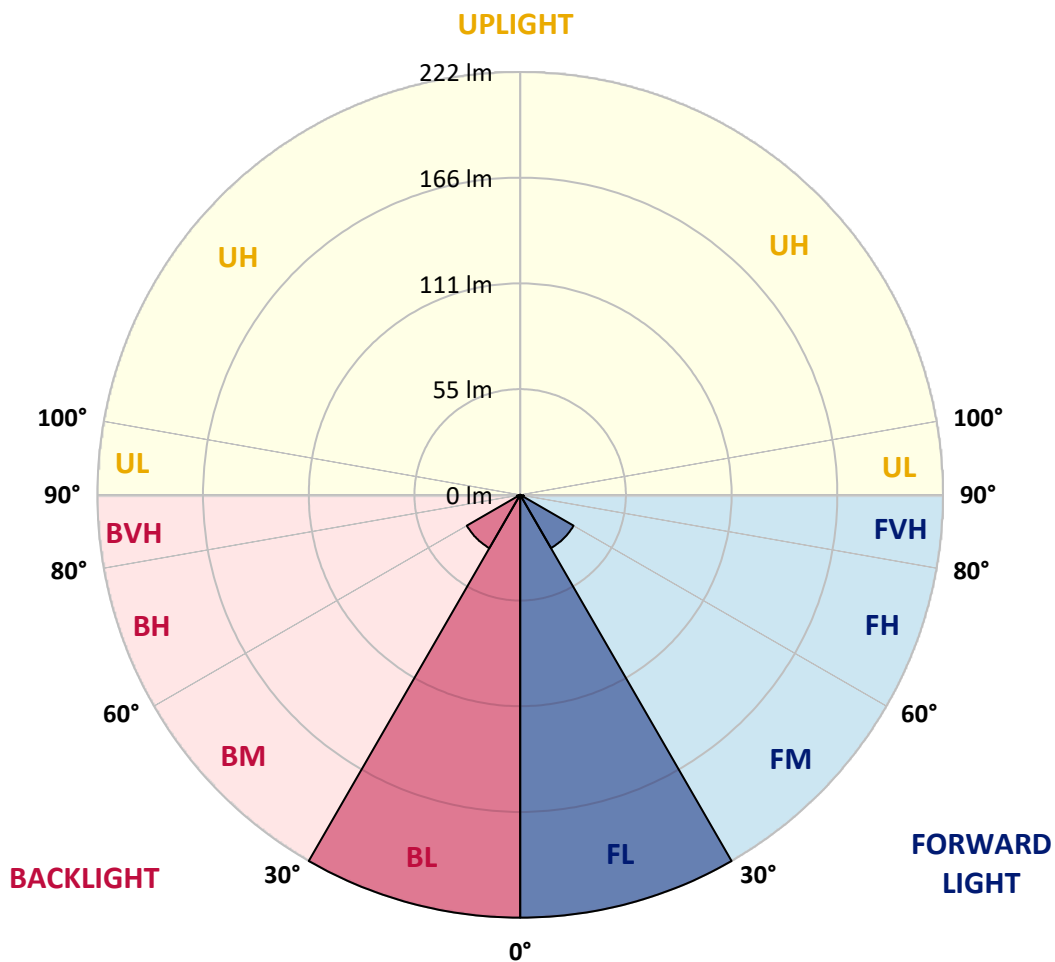


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	221.9	43.3			
FM	(30°-60°)	32.3	6.3			
FH	(60°-80°)	1.8	0.3			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	221.9	43.3	B1/500		
BM	(30°-60°)	32.3	6.3	B0/220		
BH	(60°-80°)	1.8	0.3	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°	2505.3
2.5°	2415.4
5°	2118.5
7.5°	1697.0
10°	1274.2
12.5°	907.7
15°	641.8
17.5°	457.6
20°	329.8
22.5°	239.3
25°	174.1
27.5°	127.9
30°	93.0
32.5°	70.3
35°	53.8
37.5°	43.0
40°	34.8
42.5°	29.1
45°	24.1
47.5°	19.6
50°	16.5
52.5°	13.9
55°	11.4
57.5°	8.9
60°	7.0
62.5°	5.1
65°	3.2
67.5°	1.9
70°	0.6
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)