

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: P295415

Luminaire Tested: **TCRS5S(7040-7050)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295415
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: TCRS5S(7040-7050)
Description: TRACER SMALL, STANDARD TRIM NEMA 3x3
Light Source: (6) 4000K&5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 529.7 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

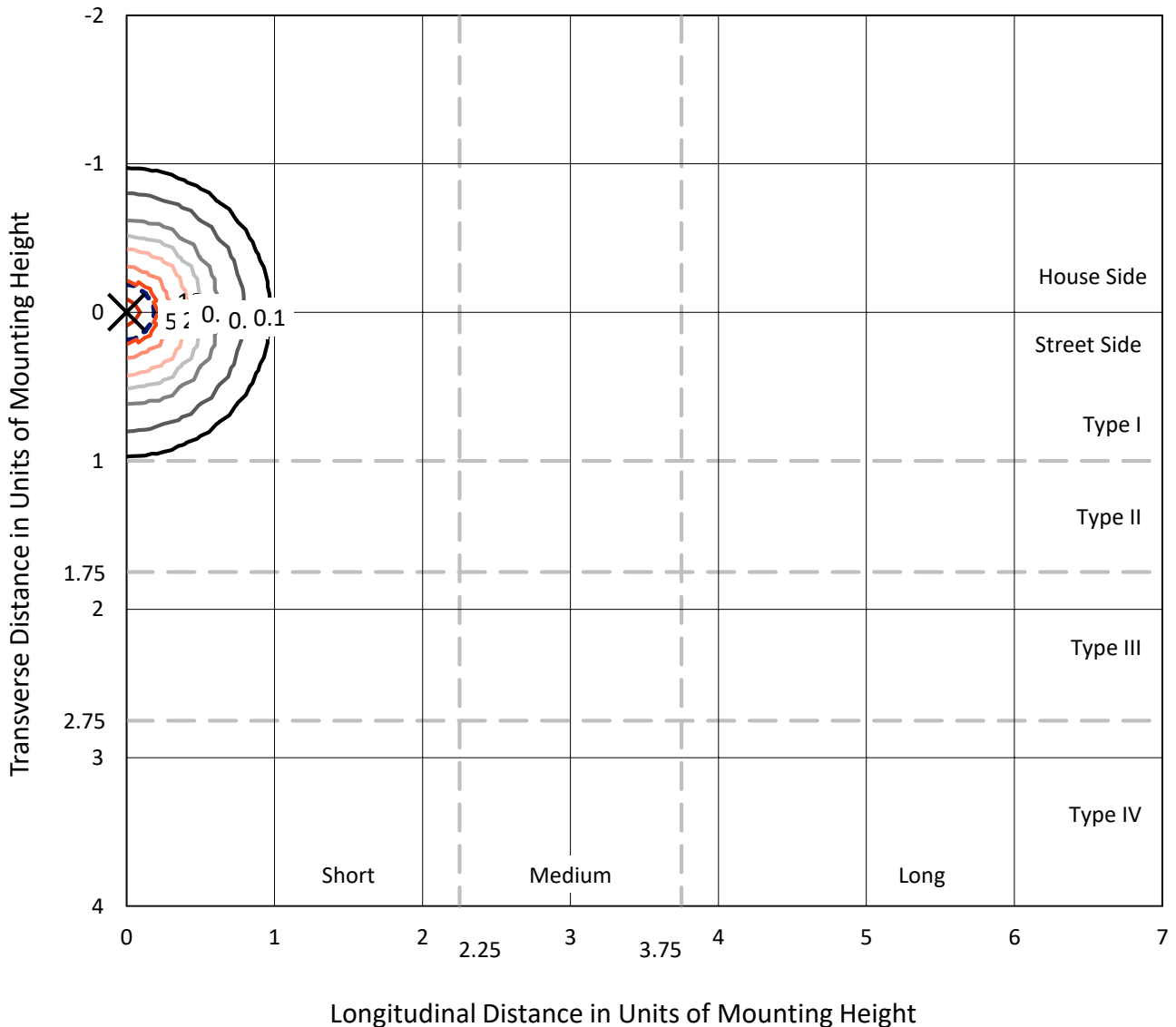
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P295415
 CATALOG NUMBER: TCRS55(7040-7050)

Iso-Footcandle Lines of Horizontal Illumination

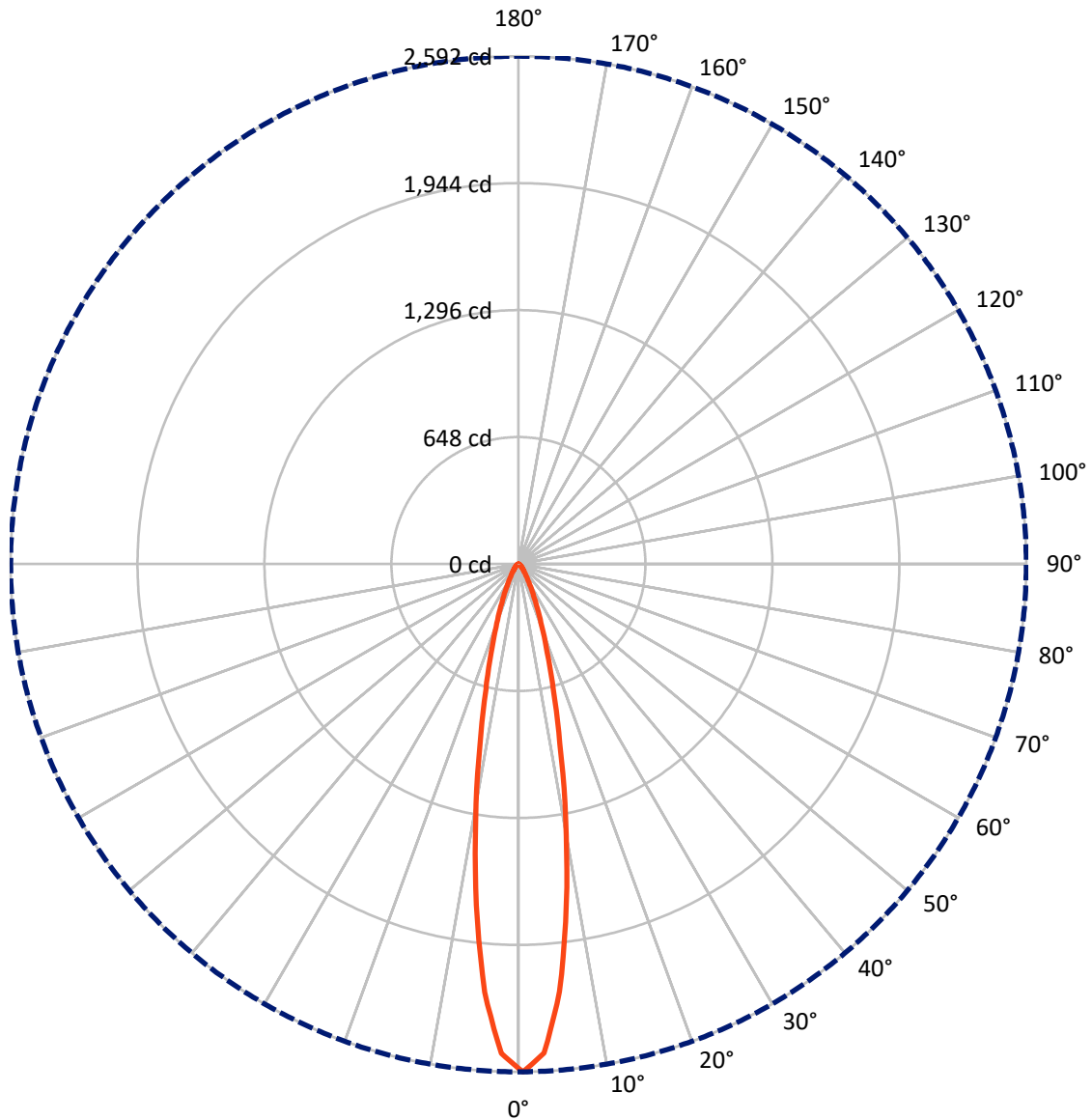
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 25.9 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P295415
CATALOG NUMBER: TCRS55(7040-7050)

Luminous Intensity Polar Plot



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

REPORT NUMBER: P295415

CATALOG NUMBER: TCRS55(7040-7050)

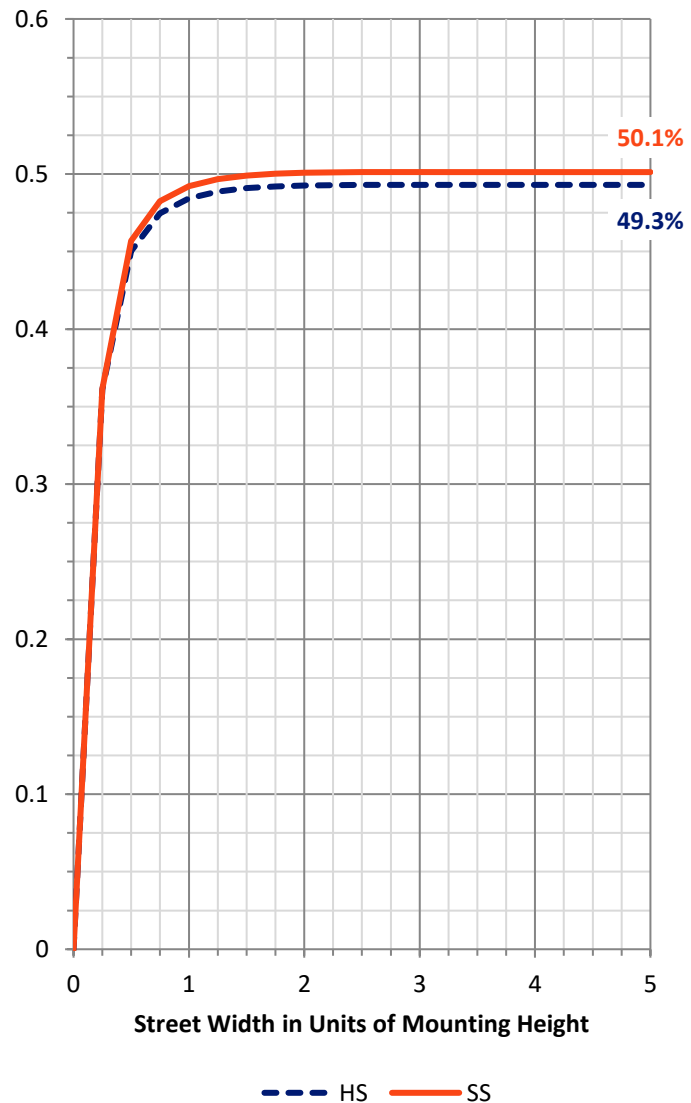
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	264.9	0.0	264.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	264.9	0.0	264.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	529.7	0.0	529.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.3	34.0
10°-20°	192.1	36.3
20°-30°	86.9	16.4
30°-40°	36.8	7.0
40°-50°	19.5	3.7
50°-60°	10.6	2.0
60°-70°	3.5	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°	529.7	100.0
0°-180°	529.7	100.0



REPORT NUMBER: P295415

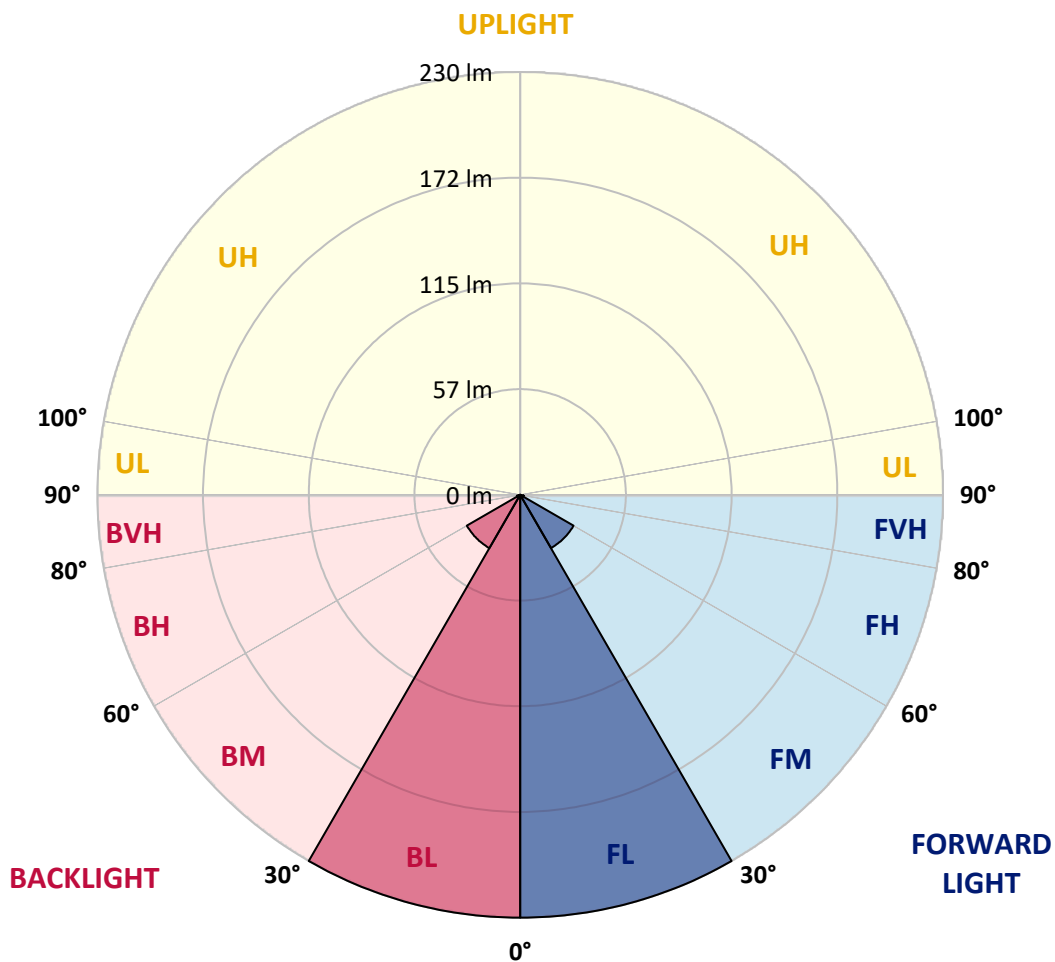
CATALOG NUMBER: TCRS55(7040-7050)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	229.6	43.3			
FM	(30°-60°)	33.4	6.3			
FH	(60°-80°)	1.8	0.3			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	229.6	43.3	B1/500		
BM	(30°-60°)	33.4	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



REPORT NUMBER: P295415
CATALOG NUMBER: TCRS55(7040-7050)

CANDELA DISTRIBUTION (FULL):

	0°
0°	2591.7
2.5°	2498.7
5°	2191.6
7.5°	1755.5
10°	1318.1
12.5°	939.0
15°	664.0
17.5°	473.4
20°	341.1
22.5°	247.5
25°	180.1
27.5°	132.3
30°	96.3
32.5°	72.7
35°	55.7
37.5°	44.5
40°	36.0
42.5°	30.1
45°	24.9
47.5°	20.3
50°	17.0
52.5°	14.4
55°	11.8
57.5°	9.2
60°	7.2
62.5°	5.2
65°	3.3
67.5°	2.0
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)