

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: P295418

Luminaire Tested: **TCSR8M(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295418
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-2)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS8M(7030)
Description: TRACER SMALL, STANDARD TRIM NEMA 4x4
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 817.7 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

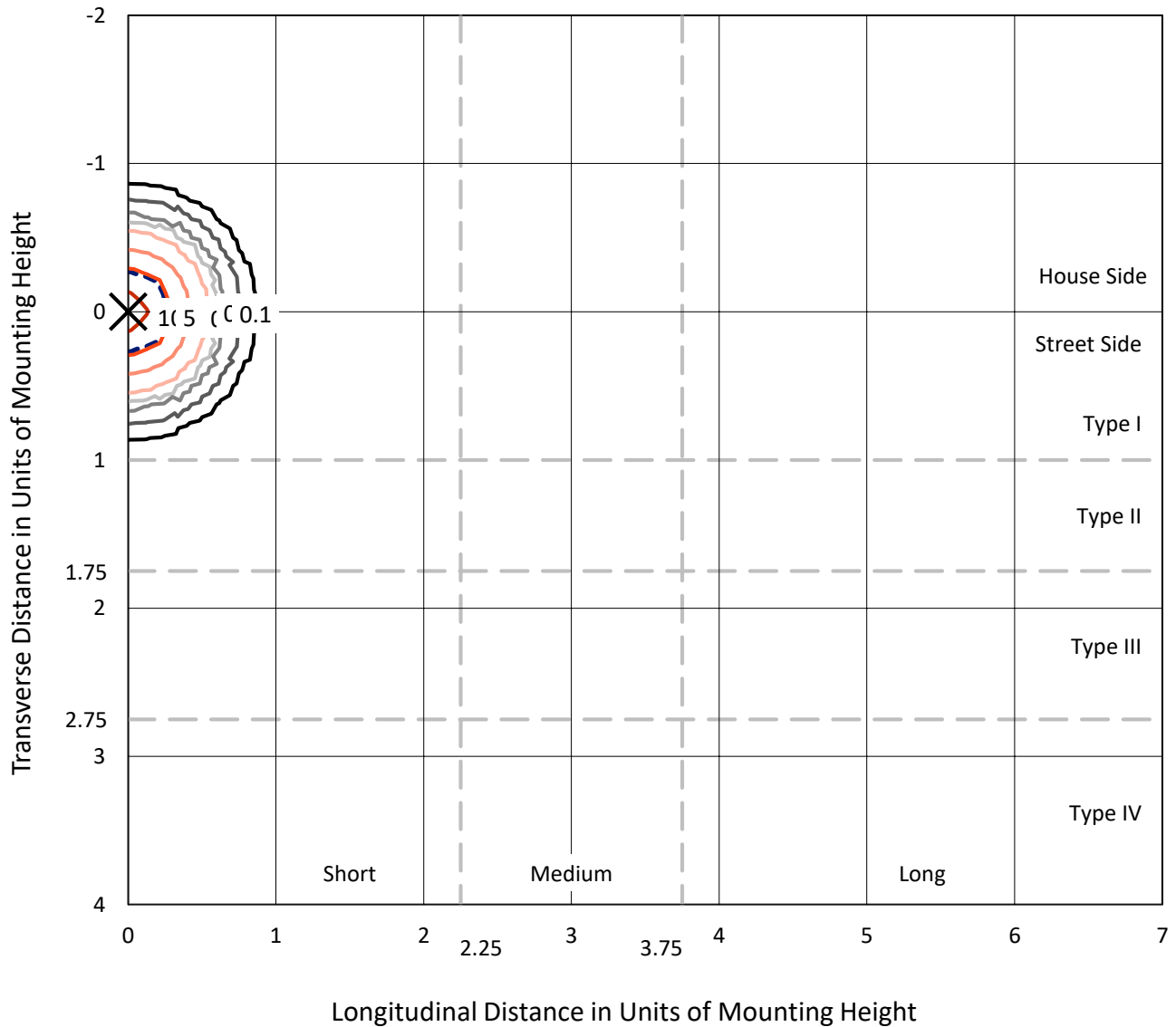
Input Watts (W): 8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P295418
 CATALOG NUMBER: TCRS8M(7030)

Iso-Footcandle Lines of Horizontal Illumination

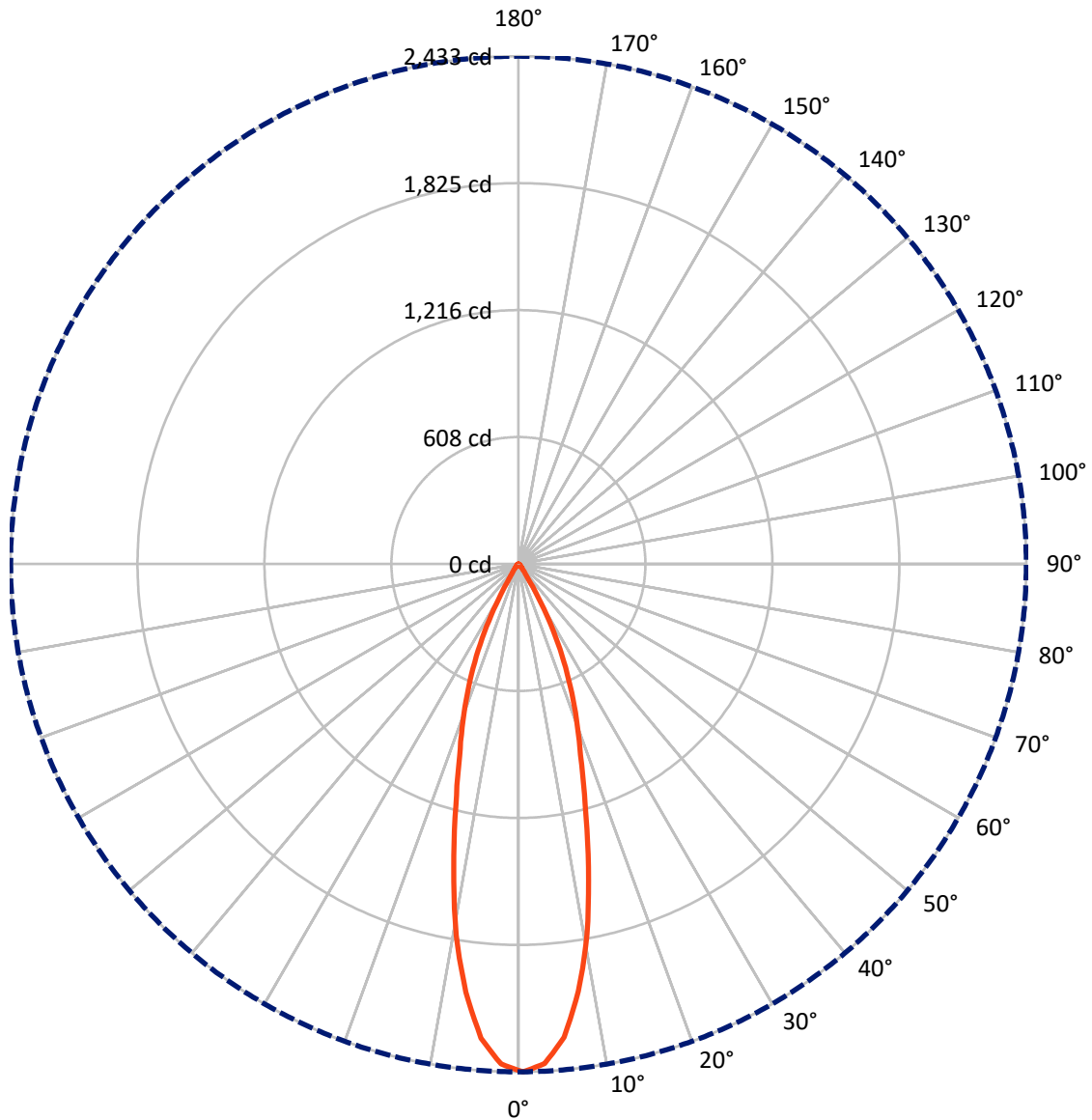
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 24.3 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P295418
CATALOG NUMBER: TCRS8M(7030)

Luminous Intensity Polar Plot



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

REPORT NUMBER: P295418
 CATALOG NUMBER: TCRS8M(7030)

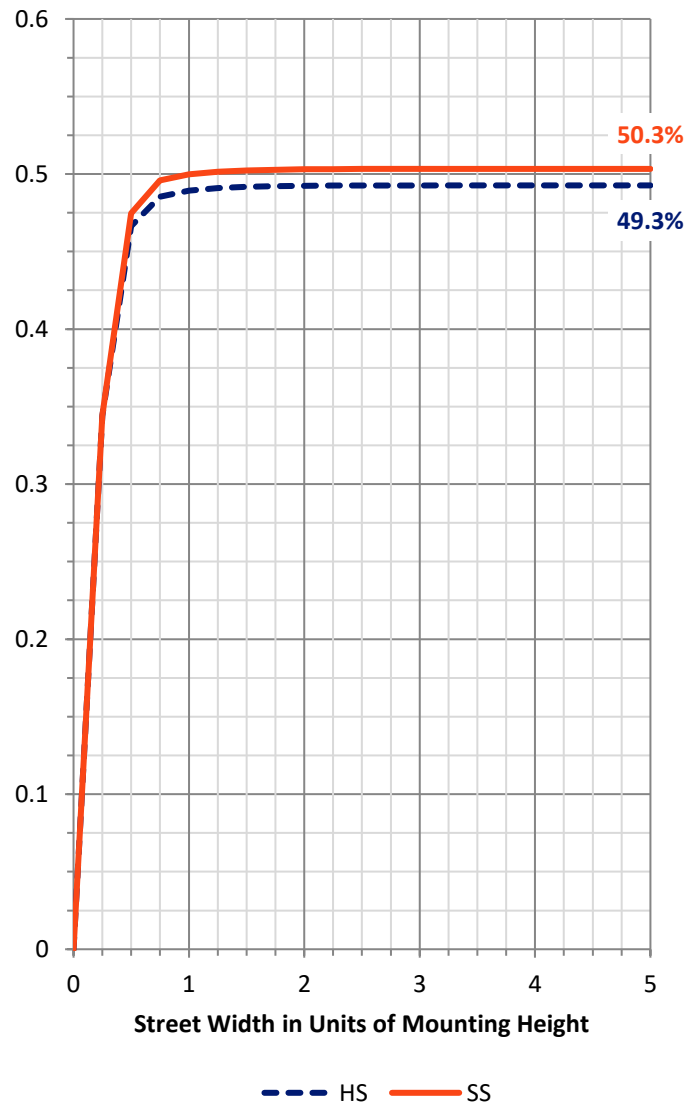
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	408.8	0.0	408.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	408.8	0.0	408.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	817.7	0.0	817.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.9	24.7
10°-20°	335.5	41.0
20°-30°	217.3	26.6
30°-40°	43.0	5.3
40°-50°	11.5	1.4
50°-60°	5.9	0.7
60°-70°	2.4	0.3
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°	817.7	100.0
0°-180°	817.7	100.0

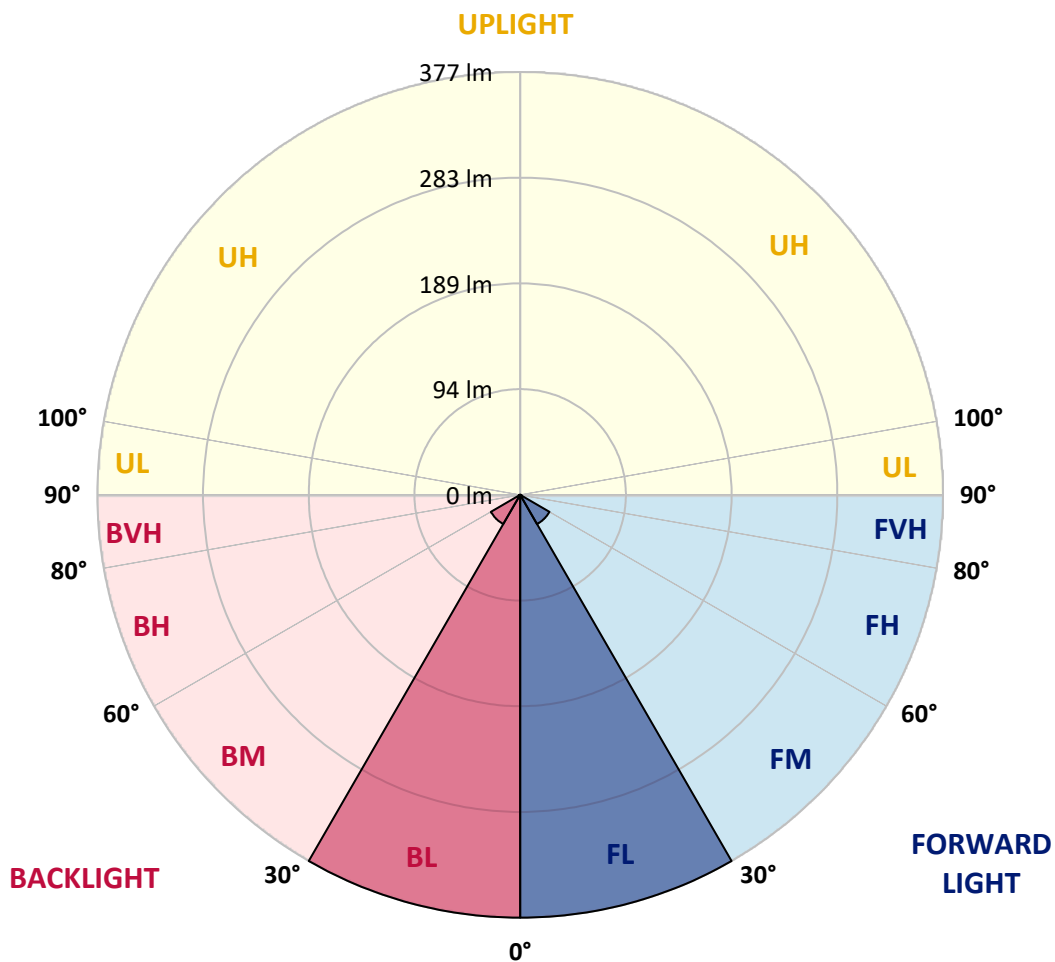


REPORT NUMBER: P295418
 CATALOG NUMBER: TCRS8M(7030)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	377.3	46.1			
FM	(30°-60°)	30.2	3.7			
FH	(60°-80°)	1.3	0.2			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	377.3	46.1	B1/500		
BM	(30°-60°)	30.2	3.7	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°	2432.7
2.5°	2396.4
5°	2277.8
7.5°	2066.0
10°	1805.3
12.5°	1489.3
15°	1193.2
17.5°	961.5
20°	794.0
22.5°	636.5
25°	484.4
27.5°	335.9
30°	189.2
32.5°	89.6
35°	52.5
37.5°	36.2
40°	24.4
42.5°	18.1
45°	13.6
47.5°	11.8
50°	9.1
52.5°	8.1
55°	6.3
57.5°	5.4
60°	4.5
62.5°	3.6
65°	1.8
67.5°	1.8
70°	0.9
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)