

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: P295378

Luminaire Tested: **TCRL15S(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-4)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRL15S(7030)
Description: TRACER LARGE, STANDARD TRIM NEMA 3x3
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1450.3 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G0

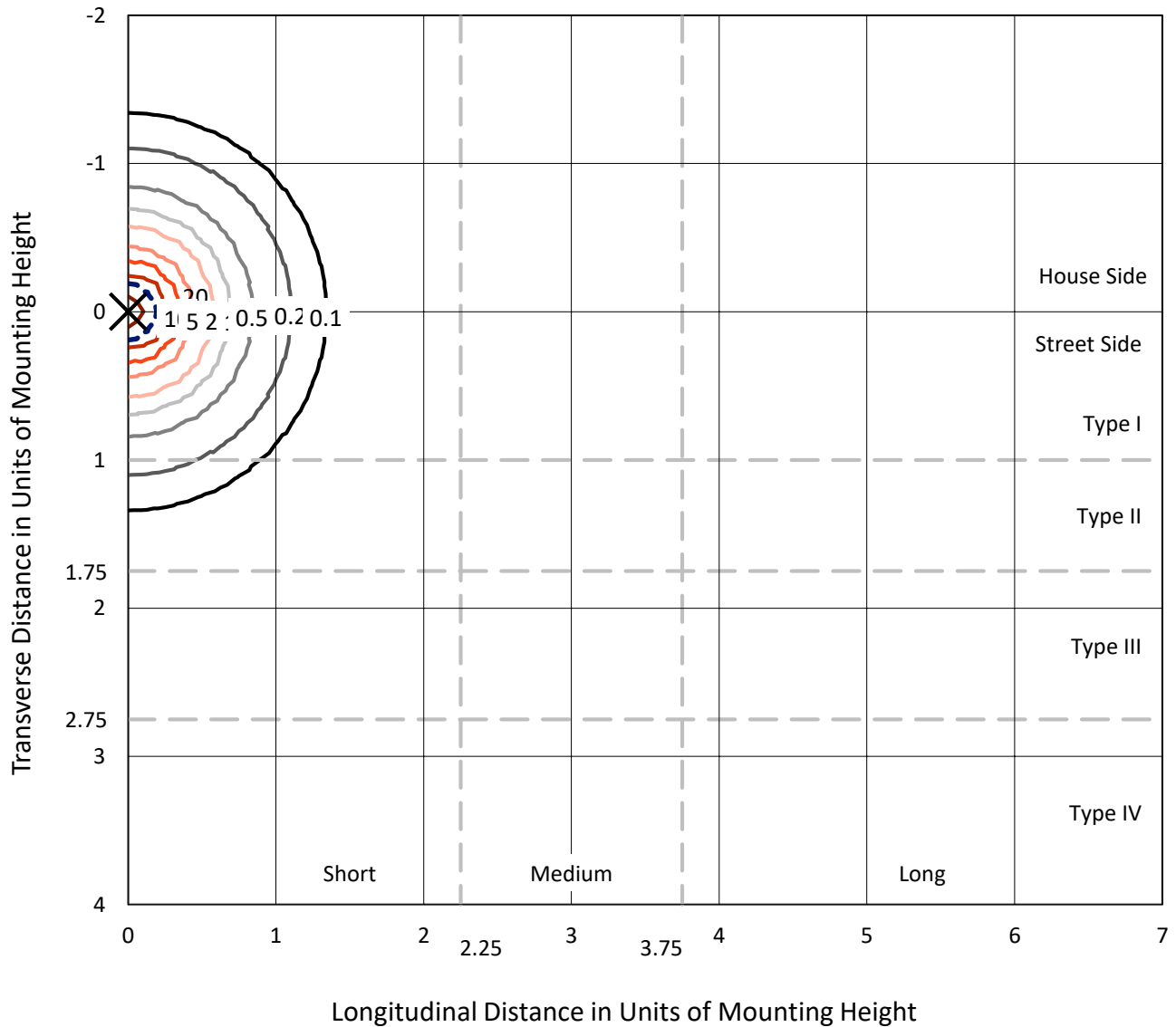
Input Watts (W): 12
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

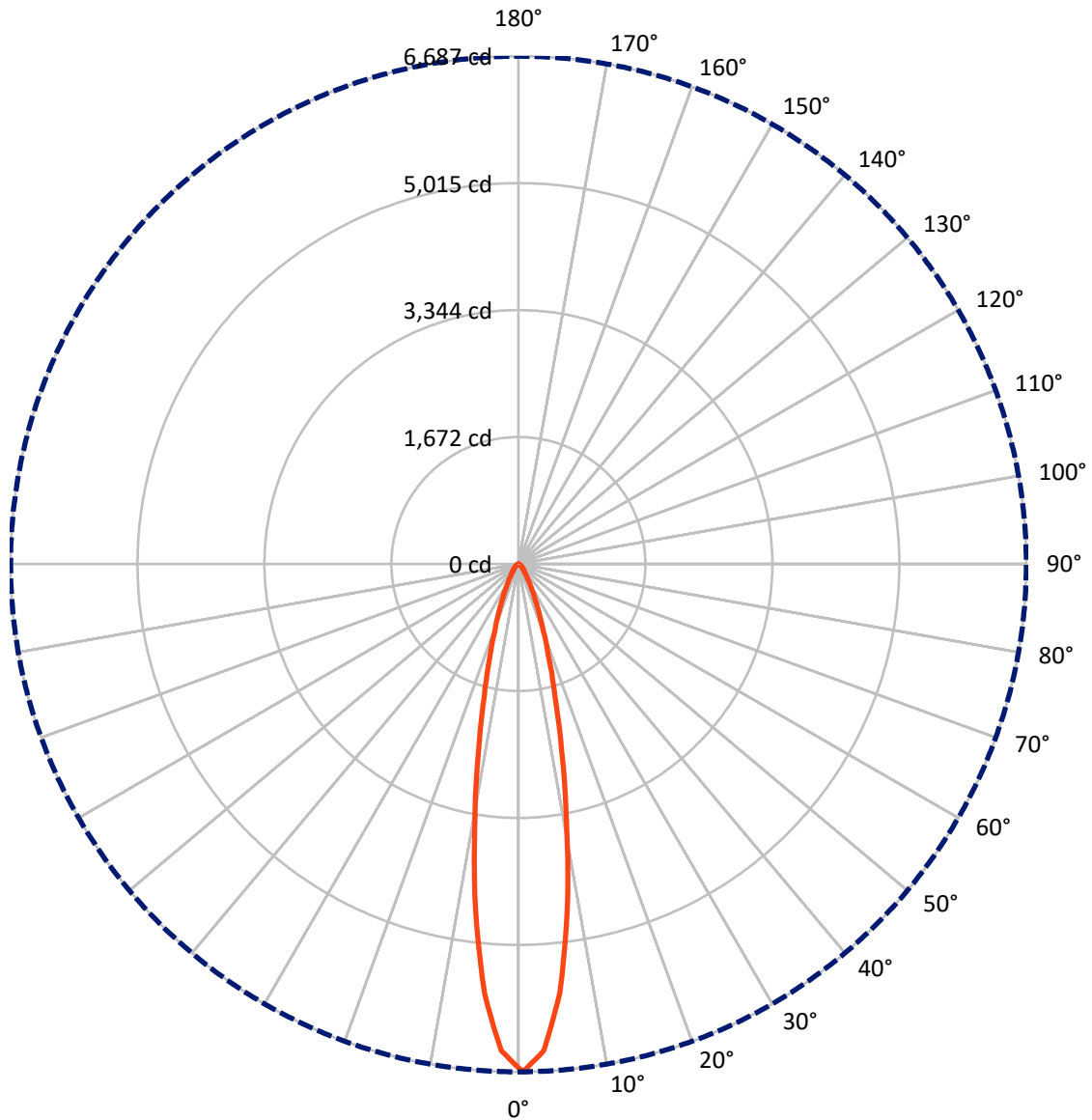
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 66.9 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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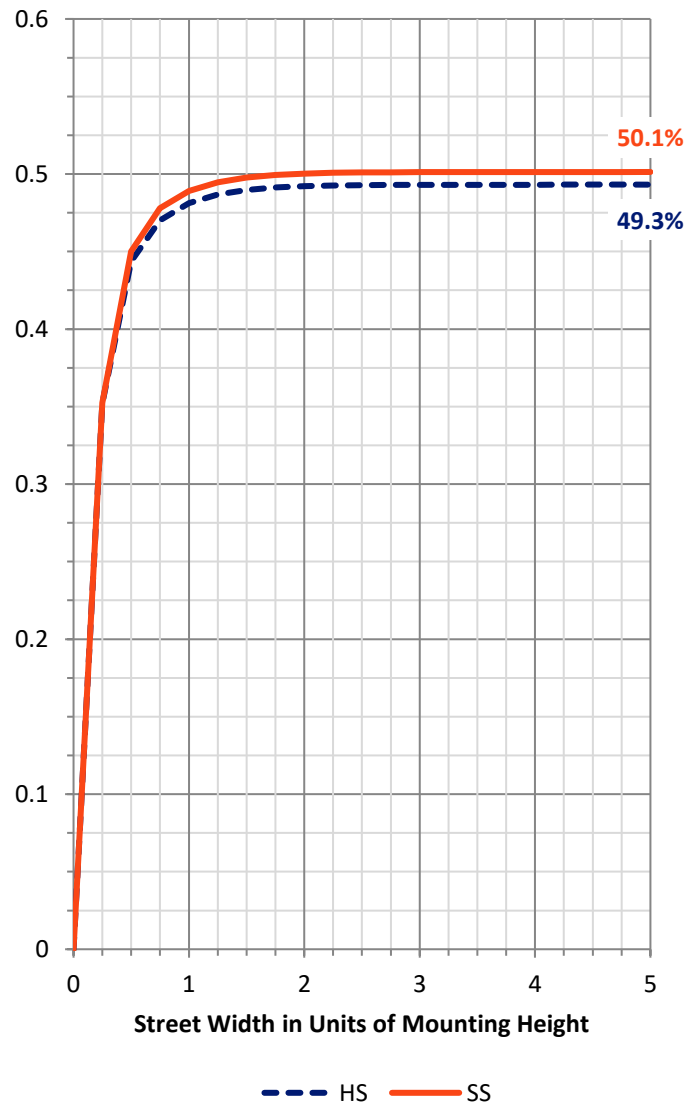
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	725.2	0.0	725.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	725.2	0.0	725.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	1450.3	0.0	1450.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.8	32.4
10°-20°	517.6	35.7
20°-30°	241.9	16.7
30°-40°	107.4	7.4
40°-50°	60.8	4.2
50°-60°	36.9	2.5
60°-70°	14.3	1.0
70°-80°	1.5	0.1
80°-90°	0.2	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°	1450.3	100.0
0°-180°	1450.3	100.0

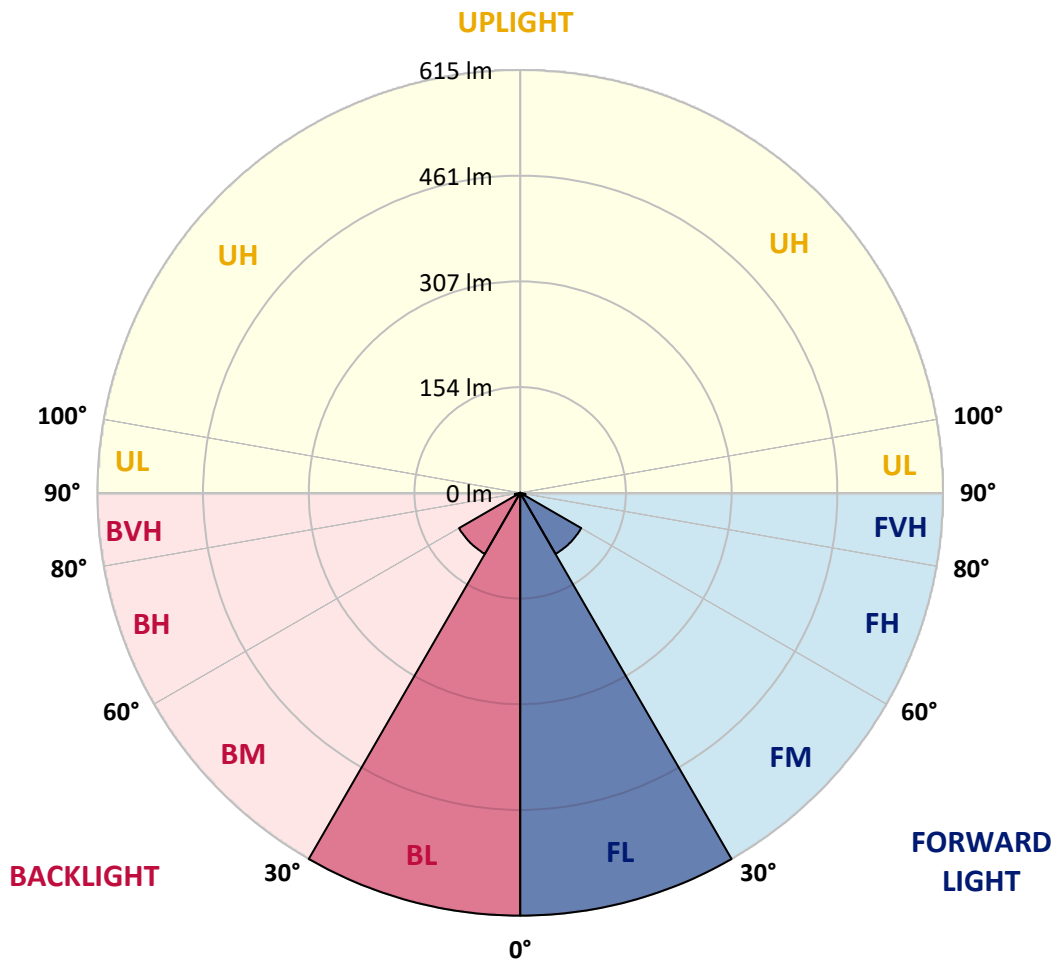


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	614.6	42.4			
FM (30°-60°)	102.6	7.1			
FH (60°-80°)	7.9	0.5			G0/660
FVH (80°-90°)	0.1	0.0			G0/10
BL (0°-30°)	614.6	42.4	B2/1000		
BM (30°-60°)	102.6	7.1	B0/220		
BH (60°-80°)	7.9	0.5	B0/110		G0/660
BVH (80°-90°)	0.1	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0
 Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6687.2
2.5°	6412.9
5°	5674.3
7.5°	4612.4
10°	3481.2
12.5°	2522.0
15°	1792.2
17.5°	1294.5
20°	931.9
22.5°	684.9
25°	503.7
27.5°	373.2
30°	276.6
32.5°	210.0
35°	162.8
37.5°	131.3
40°	108.7
42.5°	91.1
45°	77.2
47.5°	66.1
50°	56.4
52.5°	48.6
55°	41.2
57.5°	34.2
60°	26.8
62.5°	19.9
65°	13.9
67.5°	8.8
70°	4.2
72.5°	1.8
75°	0.9
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)