

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: P295390

Luminaire Tested: **TCRL26S(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295390
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: TCRL26S(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: 2627.5 lumens
Efficiency: N/A
Efficacy: 104.7 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B3 - U0 - G0

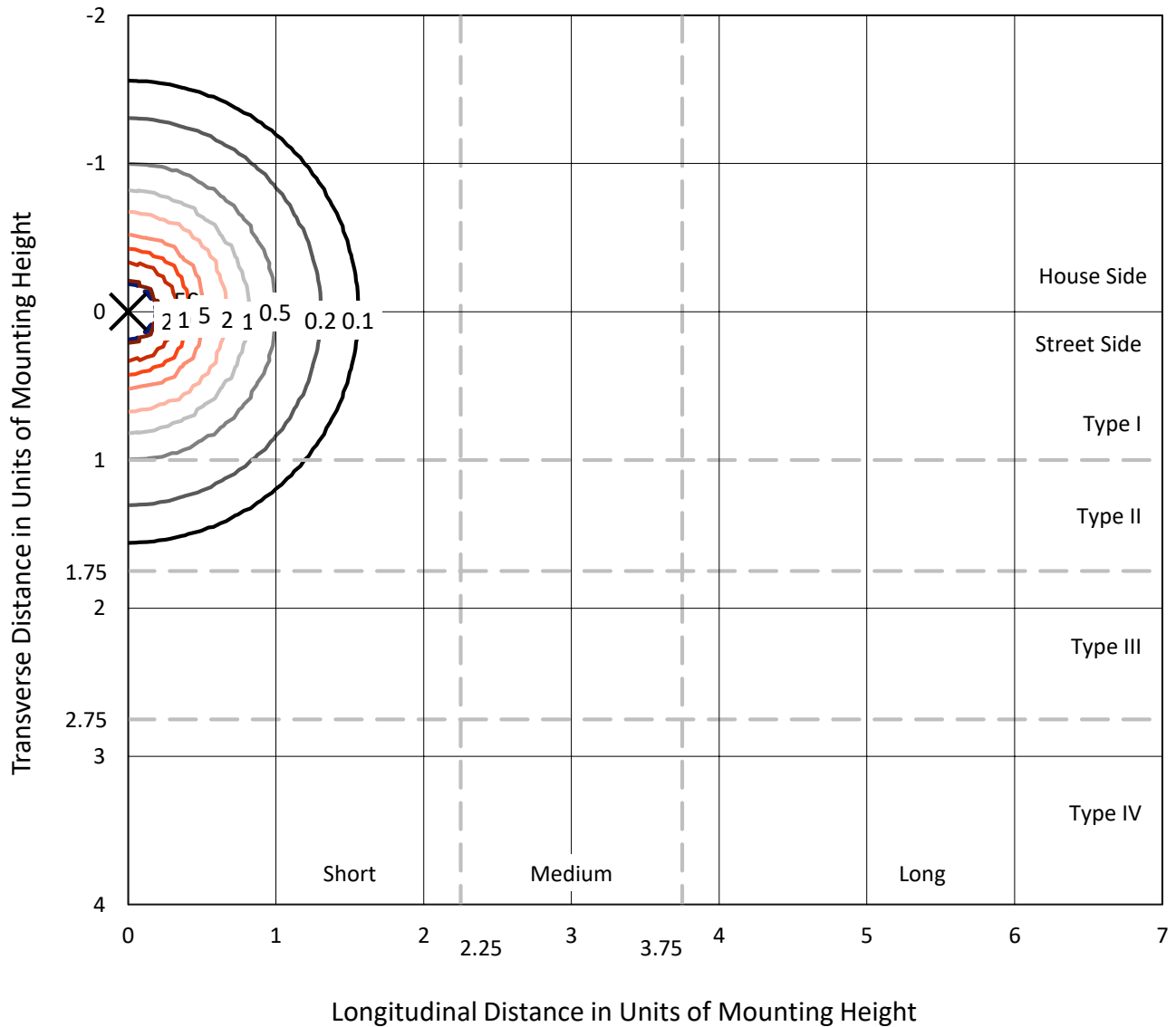
Input Watts (W): 25.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

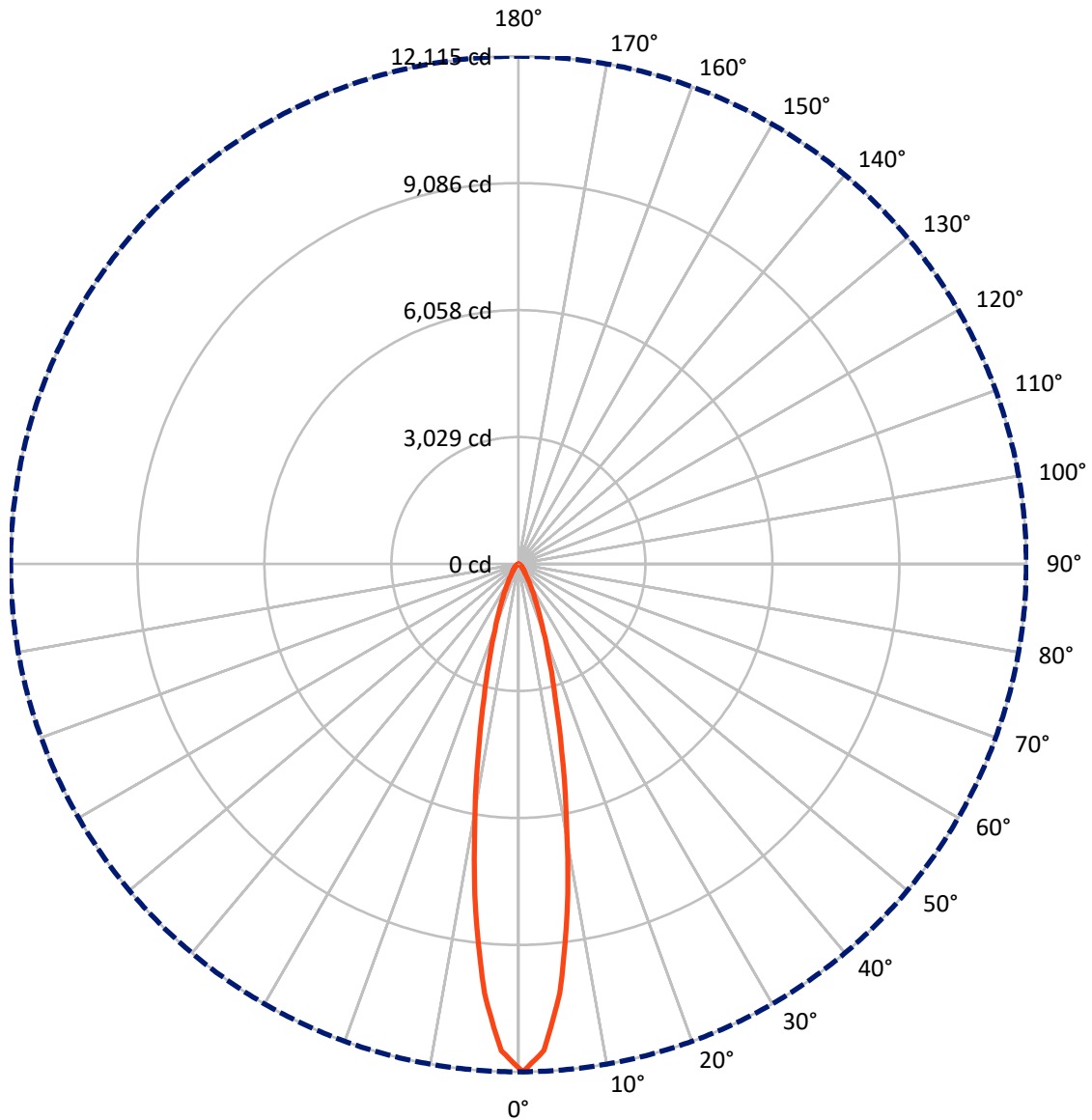
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 121.2 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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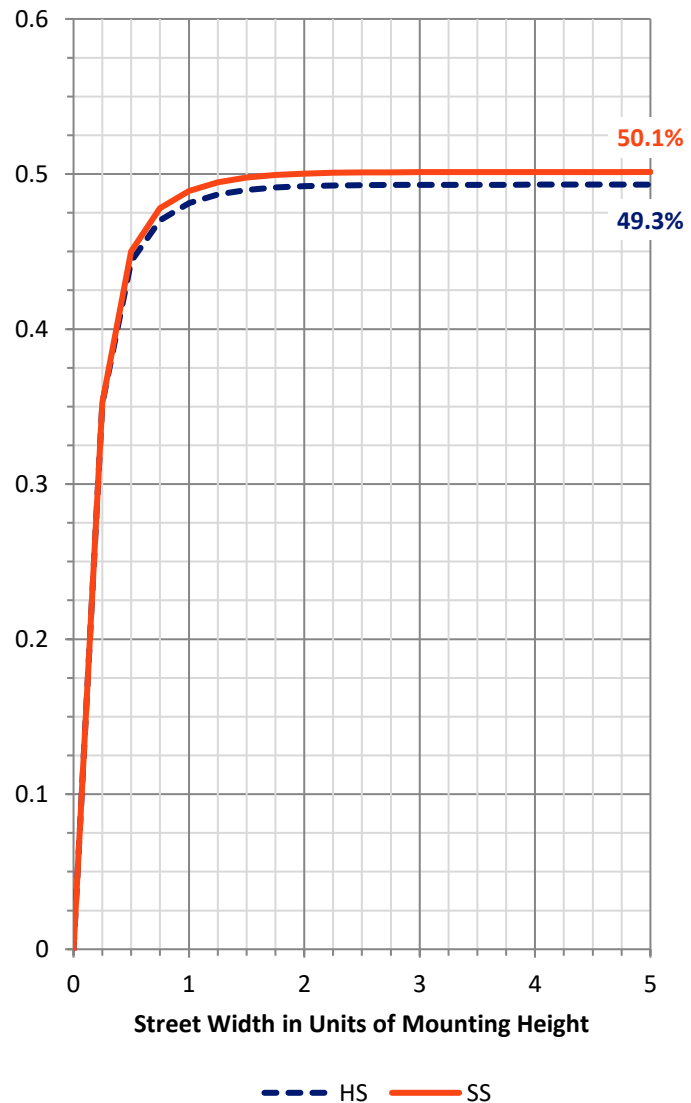
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1313.7	0.0	1313.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1313.7	0.0	1313.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2627.5	0.0	2627.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	851.1	32.4
10°-20°	937.6	35.7
20°-30°	438.3	16.7
30°-40°	194.6	7.4
40°-50°	110.2	4.2
50°-60°	66.8	2.5
60°-70°	25.8	1.0
70°-80°	2.6	0.1
80°-90°	0.3	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°	2627.5	100.0
0°-180°	2627.5	100.0

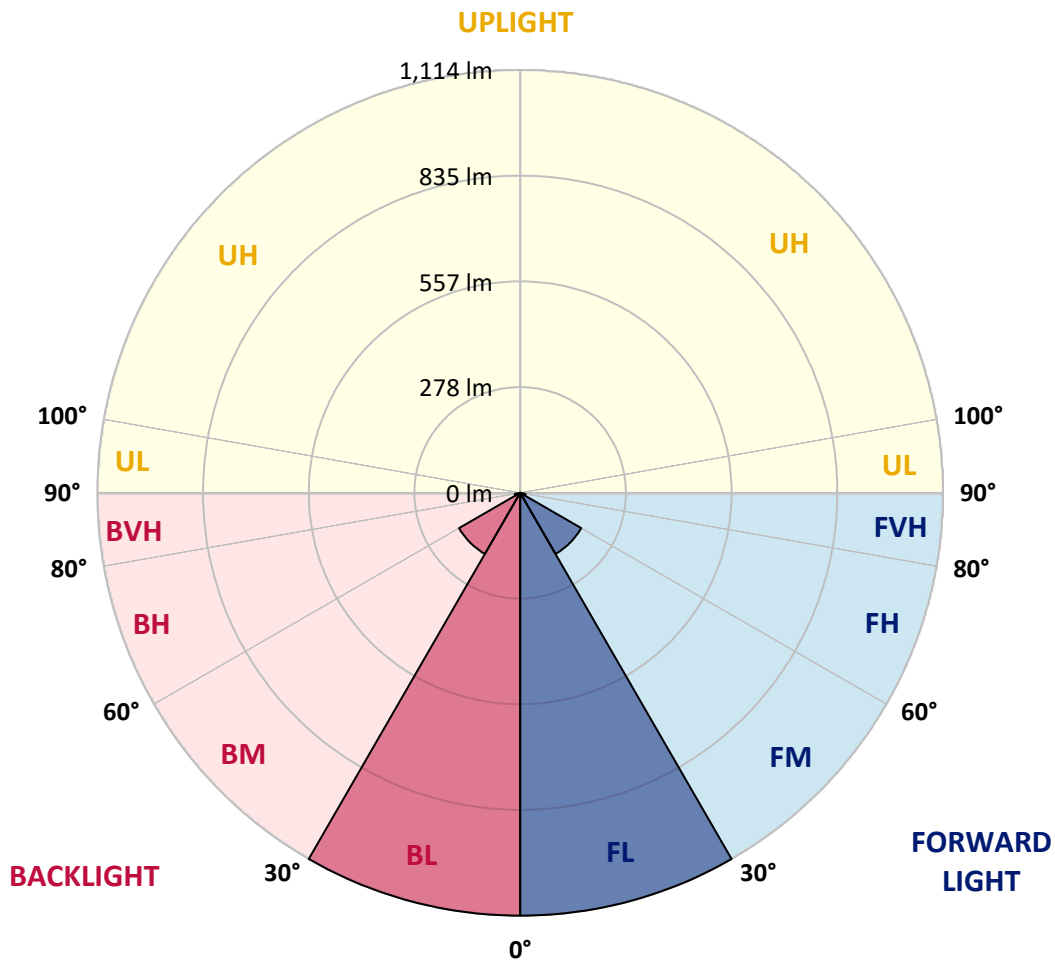


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1113.5	42.4			
FM (30°-60°)	185.8	7.1			
FH (60°-80°)	14.2	0.5			G0/660
FVH (80°-90°)	0.2	0.0			G0/10
BL (0°-30°)	1113.5	42.4	B3/2500		
BM (30°-60°)	185.8	7.1	B0/220		
BH (60°-80°)	14.2	0.5	B0/110		G0/660
BVH (80°-90°)	0.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0
 Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	12115.0
2.5°	11618.1
5°	10280.0
7.5°	8356.2
10°	6306.8
12.5°	4569.0
15°	3246.8
17.5°	2345.2
20°	1688.3
22.5°	1240.9
25°	912.5
27.5°	676.2
30°	501.1
32.5°	380.4
35°	294.9
37.5°	238.0
40°	196.9
42.5°	165.1
45°	139.9
47.5°	119.8
50°	102.2
52.5°	88.0
55°	74.6
57.5°	62.0
60°	48.6
62.5°	36.0
65°	25.1
67.5°	15.9
70°	7.5
72.5°	3.4
75°	1.7
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)