

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: P295389

Luminaire Tested: **TCRL26M(7040-7050)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295389
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-6)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRL26M(7040-7050)
Description: TRACER LARGE, STANDARD TRIM NEMA 4x4
Light Source: (16) 4000K&5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2952.7 lumens
Efficiency: N/A
Efficacy: 117.6 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

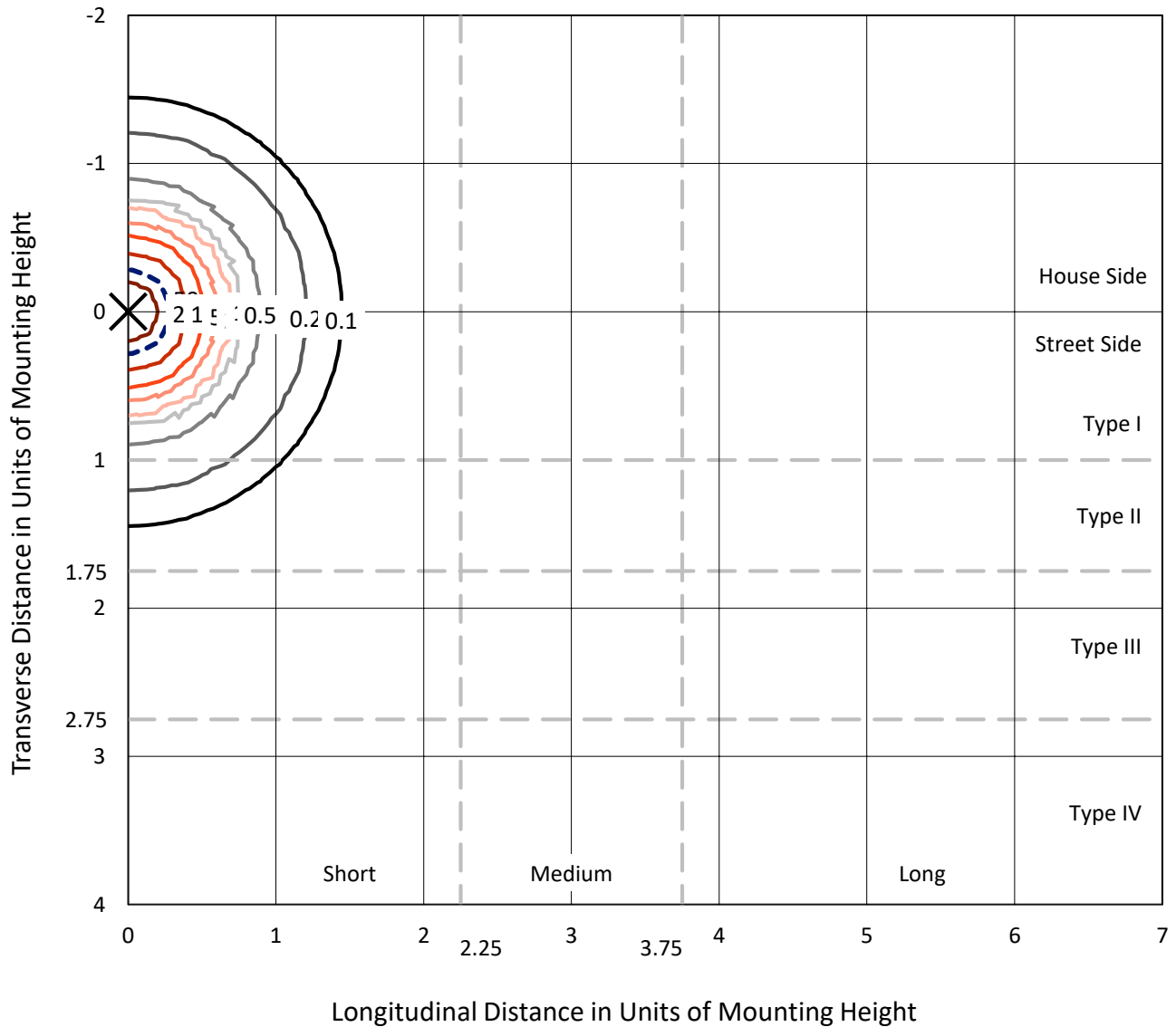


REPORT NUMBER: P295389

CATALOG NUMBER: TCRL26M(7040-7050)

Iso-Footcandle Lines of Horizontal Illumination

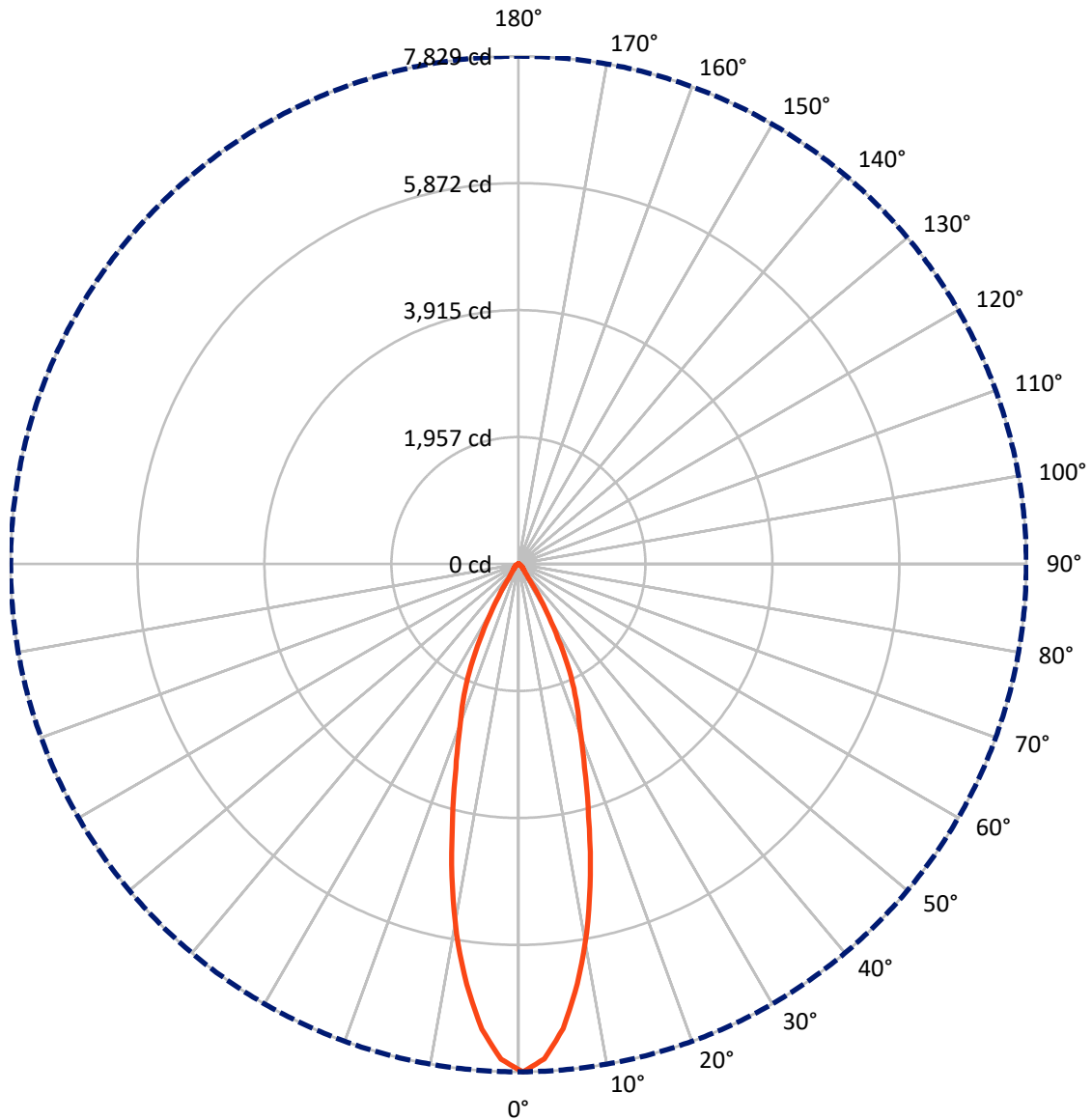
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 78.3 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P295389
CATALOG NUMBER: TCRL26M(7040-7050)

Luminous Intensity Polar Plot



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

REPORT NUMBER: P295389

CATALOG NUMBER: TCRL26M(7040-7050)

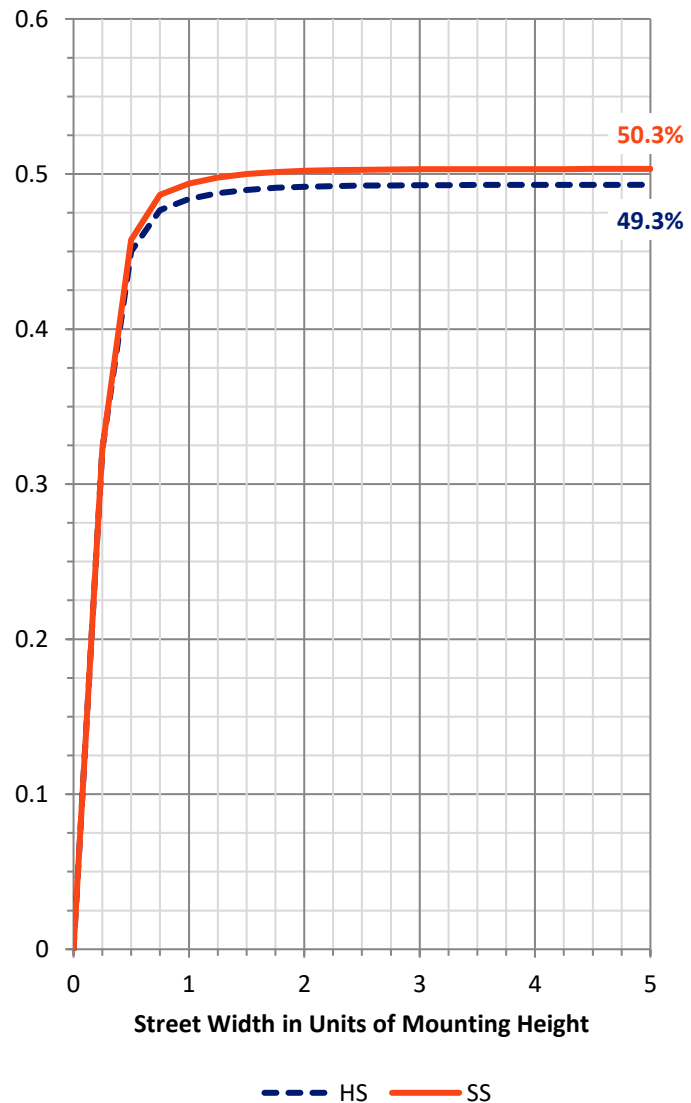
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1476.3	0.0	1476.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1476.3	0.0	1476.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	2952.7	0.0	2952.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	640.7	21.7
10°-20°	1125.0	38.1
20°-30°	807.3	27.3
30°-40°	219.6	7.4
40°-50°	77.1	2.6
50°-60°	50.8	1.7
60°-70°	25.8	0.9
70°-80°	5.3	0.2
80°-90°	1.1	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°	2952.7	100.0
0°-180°	2952.7	100.0



REPORT NUMBER: P295389

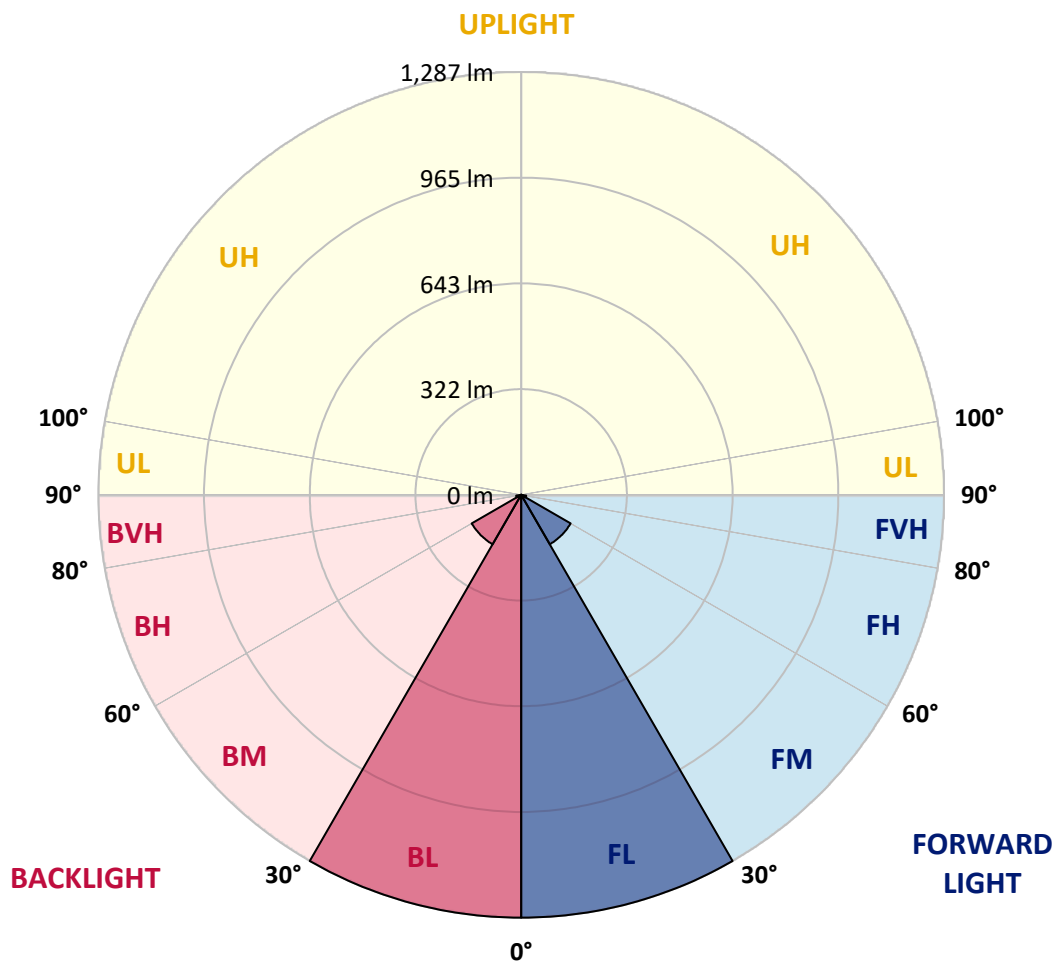
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1286.5	43.6			
FM (30°-60°)	173.7	5.9			
FH (60°-80°)	15.5	0.5			G0/660
FVH (80°-90°)	0.5	0.0			G0/10
BL (0°-30°)	1286.5	43.6	B3/2500		
BM (30°-60°)	173.7	5.9	B0/220		
BH (60°-80°)	15.5	0.5	B0/110		G0/660
BVH (80°-90°)	0.5	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



REPORT NUMBER: P295389

CATALOG NUMBER: TCRL26M(7040-7050)

CANDELA DISTRIBUTION (FULL):

	0°
0°	7829.3
2.5°	7639.2
5°	7193.6
7.5°	6528.5
10°	5782.9
12.5°	4926.7
15°	4048.1
17.5°	3297.3
20°	2707.1
22.5°	2277.6
25°	1833.9
27.5°	1301.8
30°	860.7
32.5°	521.4
35°	256.2
37.5°	178.6
40°	134.8
42.5°	114.3
45°	97.3
47.5°	81.2
50°	82.1
52.5°	66.1
55°	56.2
57.5°	42.0
60°	45.5
62.5°	38.4
65°	23.2
67.5°	11.6
70°	17.9
72.5°	4.5
75°	3.6
77.5°	0.0
80°	6.2
82.5°	0.0
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)