

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: P295408

Luminaire Tested: **TCRL26S(7030)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295408
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-5)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRL26S(7030)-VISOR
Description: TRACER LARGE, VISOR NEMA 3x3
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2536.2 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type I - 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

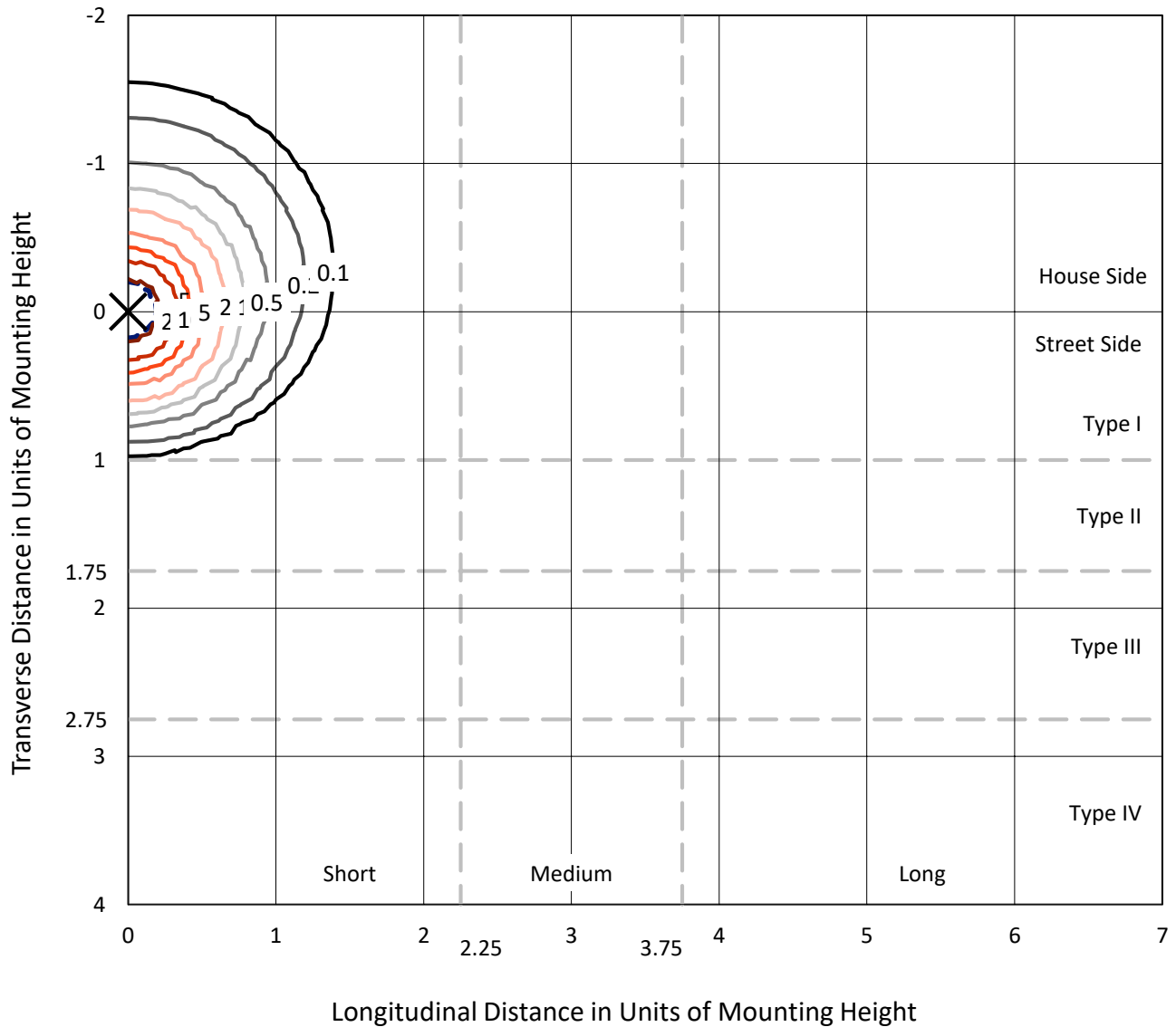


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Iso-Footcandle Lines of Horizontal Illumination

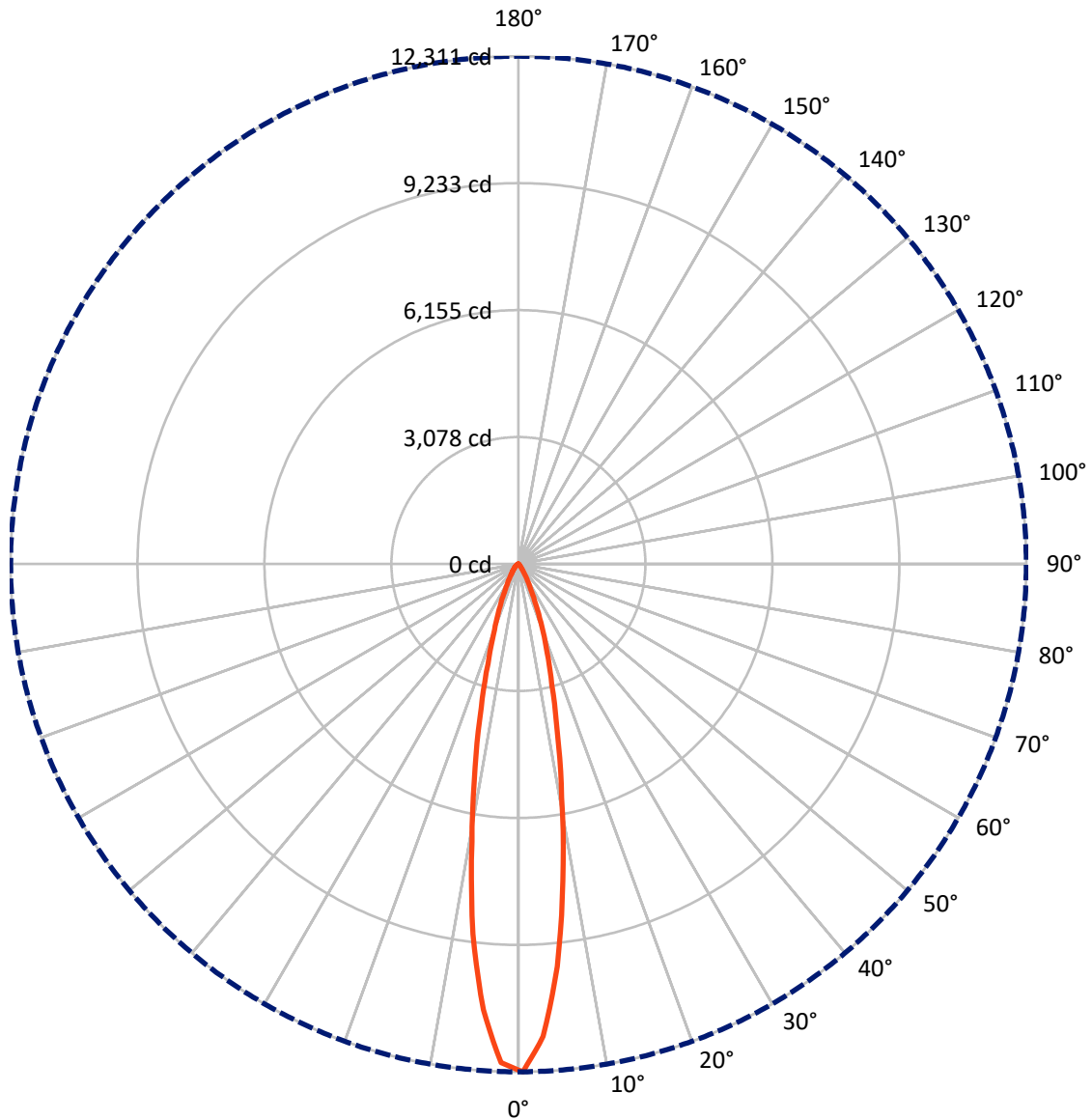
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 123.1 fc
 Type I - 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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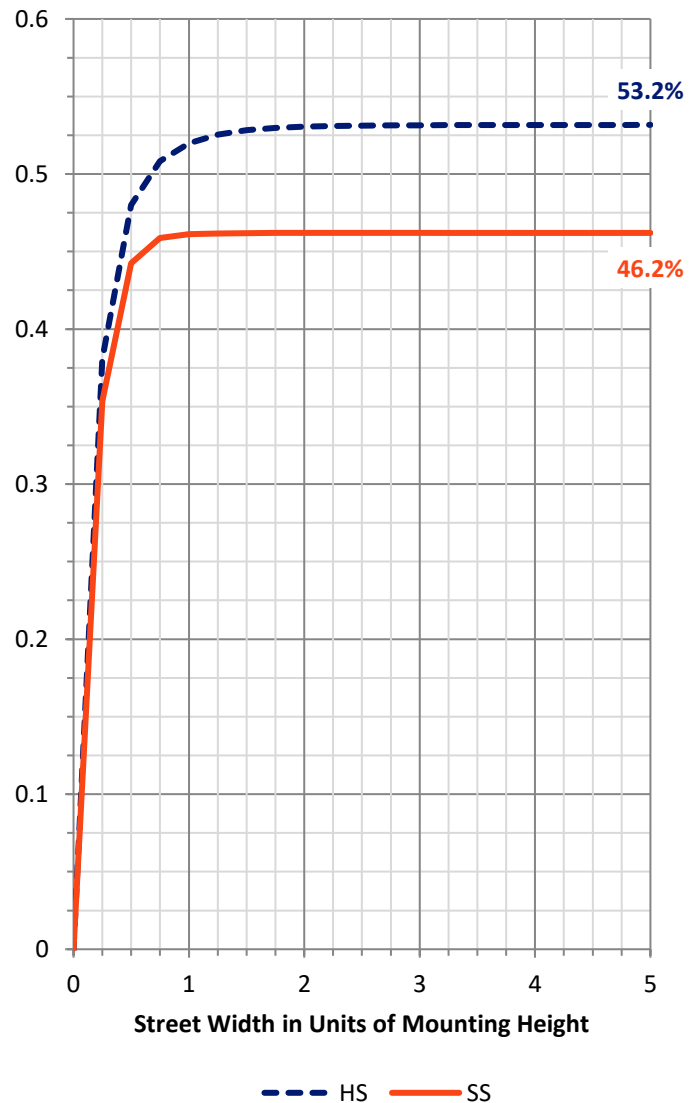
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1367.9	0.0	1367.9
	% Fixture	53.9	0.0	53.9
Street Side	Lumens	1168.3	0.0	1168.3
	% Fixture	46.1	0.0	46.1
Total	Lumens	2536.2	0.0	2536.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	866.3	34.2
10°-20°	950.7	37.5
20°-30°	429.1	16.9
30°-40°	167.0	6.6
40°-50°	74.1	2.9
50°-60°	35.3	1.4
60°-70°	11.2	0.4
70°-80°	1.7	0.1
80°-90°	0.7	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°	2536.2	100.0
0°-180°	2536.2	100.0



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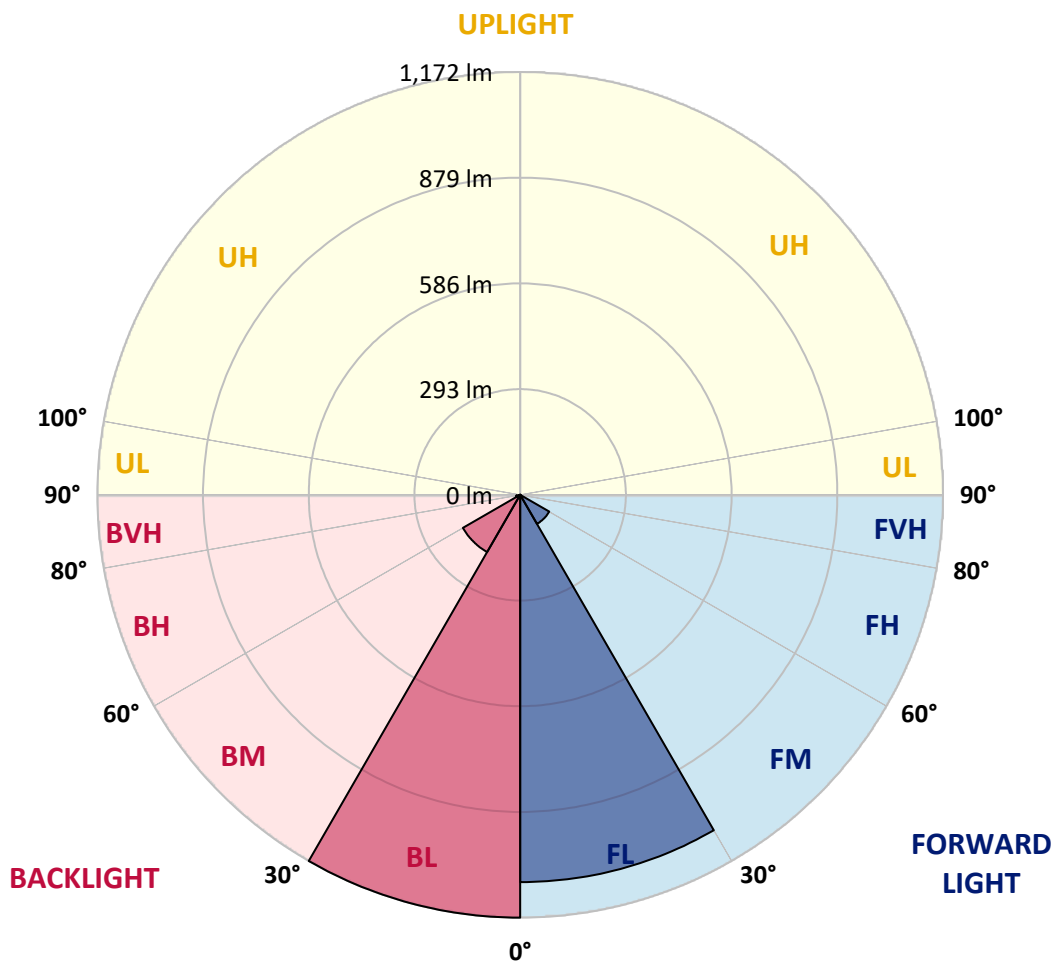
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1073.8	42.3			
FM	(30°-60°)	93.0	3.7			
FH	(60°-80°)	1.4	0.1			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	1172.3	46.2	B3/2500		
BM	(30°-60°)	183.4	7.2	B0/220		
BH	(60°-80°)	11.5	0.5	B0/110		G0/110
BVH	(80°-90°)	0.7	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 I Short





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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	12310.8	12310.8	12310.8	12310.8	12310.8	12310.8	12310.8	12310.8	12310.8
2.5°	11468.9	11608.8	11695.0	11772.6	11809.3	11968.8	12039.6	12053.2	12095.0
5°	9804.8	10055.6	10157.9	10188.6	10460.7	10662.0	10832.6	10934.1	10839.4
7.5°	7756.0	7936.0	8208.9	8422.1	8536.4	8716.4	8940.7	9061.0	9040.5
10°	5755.8	5904.2	6029.6	6148.1	6457.8	6545.6	6787.9	6953.3	6823.7
12.5°	4177.0	4277.6	4347.5	4503.6	4693.8	4707.5	4896.9	5019.7	5037.6
15°	3030.6	3169.6	3124.4	3192.6	3285.6	3324.8	3472.4	3551.7	3593.5
17.5°	2254.4	2274.0	2298.7	2291.9	2326.0	2374.6	2479.6	2481.3	2523.9
20°	1616.4	1669.2	1653.0	1699.1	1717.9	1729.0	1814.2	1795.5	1791.2
22.5°	1106.3	1119.1	1195.0	1240.2	1256.4	1273.5	1314.4	1290.5	1313.6
25°	748.0	771.1	810.3	873.4	919.5	938.3	942.5	958.7	991.1
27.5°	520.3	525.4	557.8	626.1	672.1	692.6	702.0	708.8	710.5
30°	349.7	357.4	390.7	429.9	495.6	516.0	531.4	541.6	528.8
32.5°	217.5	240.5	272.1	310.5	358.2	393.2	406.9	404.3	415.4
35°	158.7	159.5	197.0	235.4	266.1	307.1	310.5	313.0	312.2
37.5°	94.7	102.4	135.6	169.7	205.6	240.5	250.8	252.5	252.5
40°	57.1	67.4	89.6	127.1	162.9	188.5	203.9	209.8	210.7
42.5°	36.7	42.6	67.4	97.2	130.5	153.5	168.9	173.2	172.3
45°	21.3	23.9	43.5	72.5	105.8	125.4	139.0	144.2	144.2
47.5°	8.5	11.9	27.3	53.7	85.3	106.6	119.4	122.8	124.5
50°	3.4	4.3	17.1	40.9	68.2	91.3	99.8	103.2	104.1
52.5°	2.6	2.6	7.7	28.1	54.6	75.9	85.3	89.6	88.7
55°	2.6	2.6	4.3	19.6	40.1	60.6	71.6	75.1	73.4
57.5°	2.6	2.6	3.4	11.9	30.7	46.9	54.6	58.9	59.7
60°	1.7	1.7	2.6	6.8	20.5	35.0	43.5	46.1	47.8
62.5°	0.9	1.7	1.7	3.4	13.6	24.7	31.6	34.1	34.1
65°	0.0	0.9	1.7	2.6	7.7	15.4	21.3	23.0	23.9
67.5°	0.0	0.0	0.9	1.7	3.4	9.4	11.9	13.6	14.5
70°	0.0	0.0	0.9	0.9	2.6	4.3	6.8	7.7	7.7
72.5°	0.0	0.0	0.0	0.9	1.7	2.6	3.4	4.3	4.3
75°	0.0	0.0	0.0	0.9	0.9	1.7	2.6	2.6	3.4
77.5°	0.0	0.0	0.0	0.0	0.9	1.7	2.6	2.6	2.6
80°	0.0	0.0	0.0	0.0	0.9	1.7	1.7	2.6	2.6
82.5°	0.0	0.0	0.0	0.0	0.9	0.9	1.7	1.7	2.6
85°	0.0	0.0	0.0	0.0	0.0	0.9	1.7	1.7	1.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.7	1.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)