

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: P295432

Luminaire Tested: **TCRS8S(7030)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295432
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-2)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS8S(7030)-VISOR
Description: TRACER SMALL, VISOR NEMA 3x3
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 770.6 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type I - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

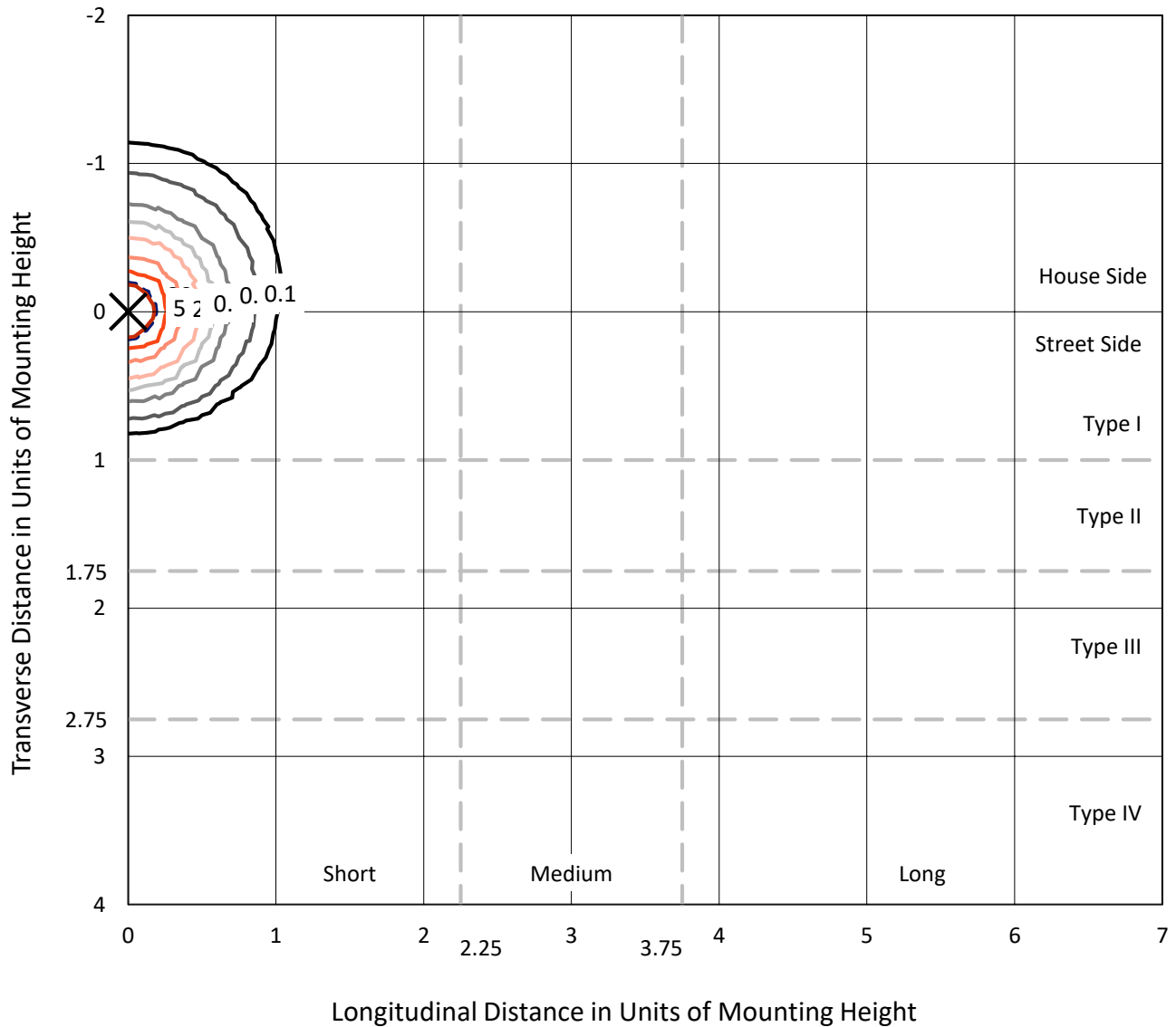
Input Watts (W): 8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

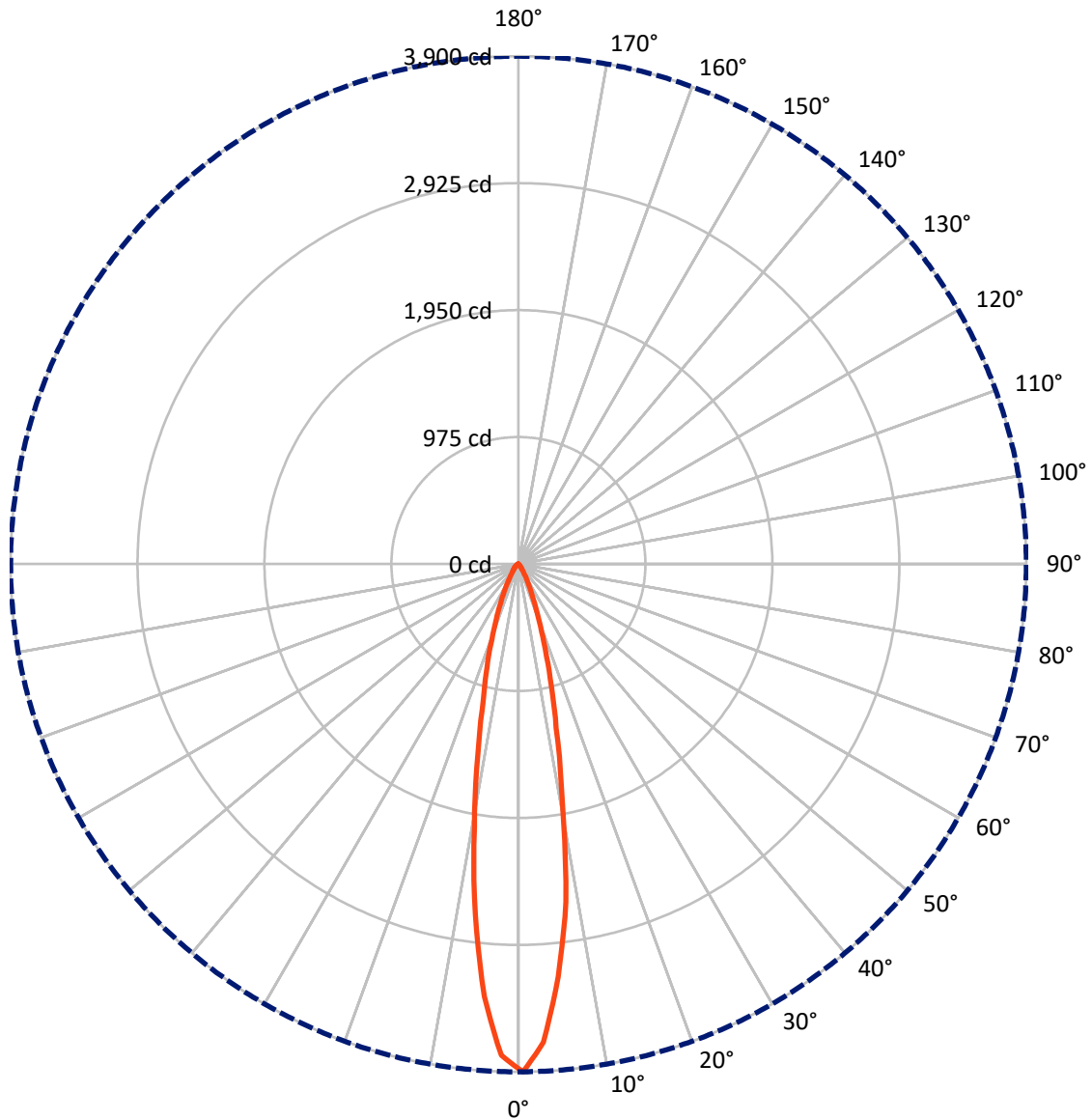
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 39 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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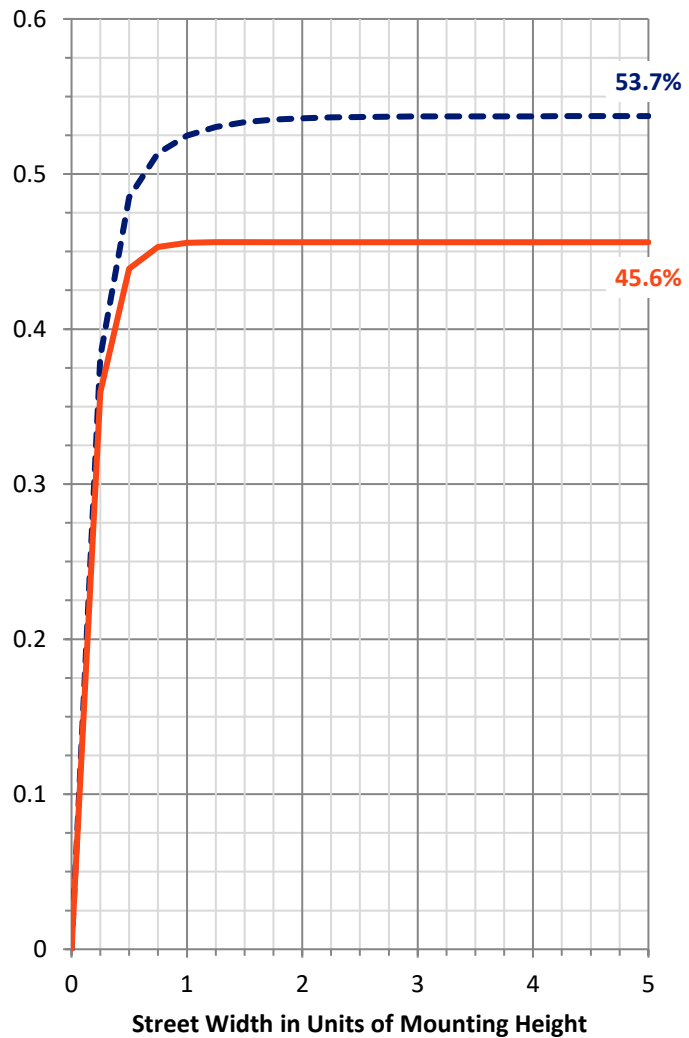
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	420.0	0.0	420.0
	% Fixture	54.5	0.0	54.5
Street Side	Lumens	350.6	0.0	350.6
	% Fixture	45.5	0.0	45.5
Total	Lumens	770.6	0.0	770.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	270.4	35.1
10°-20°	288.1	37.4
20°-30°	127.0	16.5
30°-40°	48.2	6.3
40°-50°	21.9	2.8
50°-60°	10.6	1.4
60°-70°	3.8	0.5
70°-80°	0.5	0.1
80°-90°	0.1	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°	770.6	100.0
0°-180°	770.6	100.0



--- HS — SS

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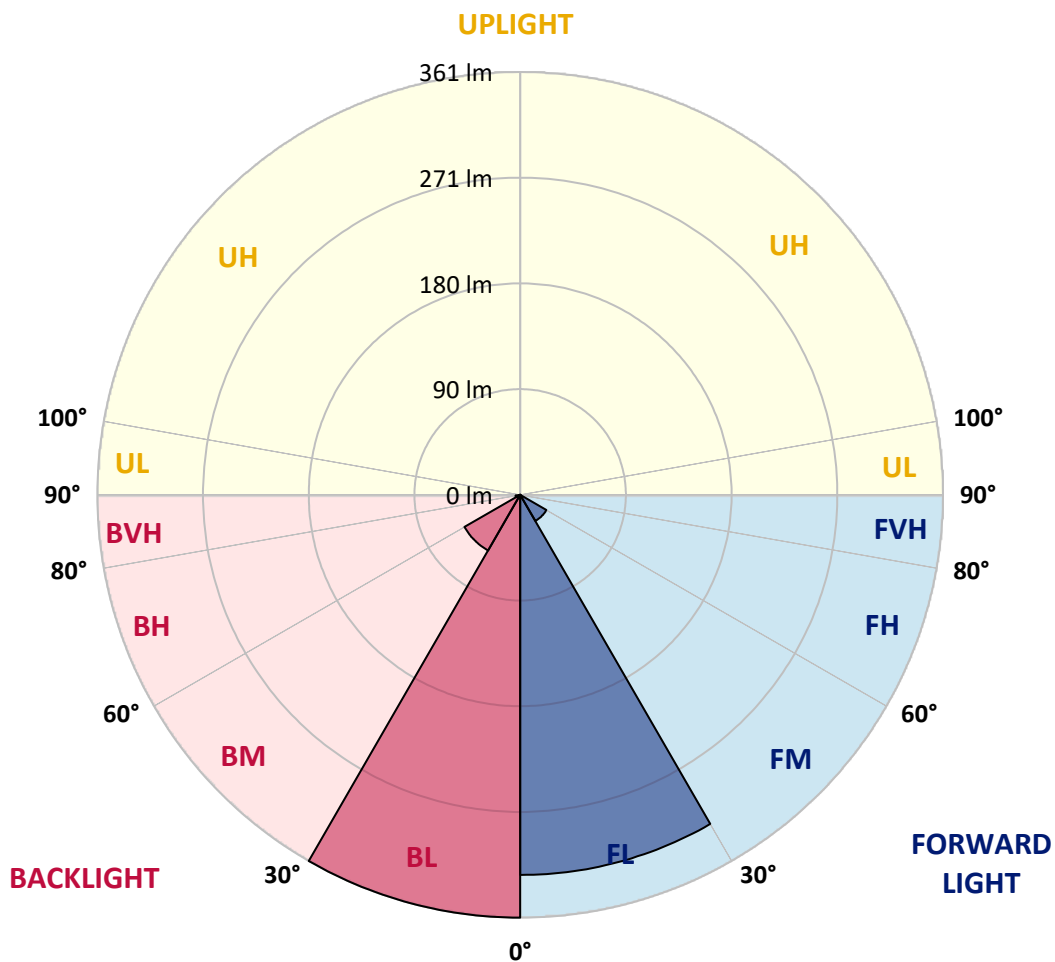
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	324.5	42.1			
FM (30°-60°)	25.8	3.3			
FH (60°-80°)	0.3	0.0			G0/660
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	360.9	46.8	B1/500		
BM (30°-60°)	54.9	7.1	B0/220		
BH (60°-80°)	4.0	0.5	B0/110		G0/110
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: B1-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°	3900.4	3900.4	3900.4	3900.4	3900.4	3900.4	3900.4	3900.4	3900.4
2.5°	3677.8	3727.8	3733.7	3735.7	3759.2	3752.3	3771.0	3719.0	3773.9
5°	3183.5	3236.5	3289.4	3238.4	3285.5	3315.9	3290.4	3328.7	3330.6
7.5°	2620.6	2551.9	2596.0	2644.1	2625.5	2681.4	2711.8	2684.3	2717.7
10°	1841.8	1872.3	1906.6	1959.5	1941.9	1995.8	2047.8	2062.5	2048.8
12.5°	1289.7	1330.9	1352.5	1386.8	1408.4	1422.1	1507.4	1483.9	1492.7
15°	914.1	900.3	946.4	955.2	978.8	1022.9	1062.2	1075.9	1068.0
17.5°	624.7	644.4	656.1	671.8	722.8	745.4	774.8	767.9	823.8
20°	432.5	434.5	461.9	482.5	524.7	549.2	568.8	573.7	609.0
22.5°	291.3	292.3	319.7	348.2	370.7	399.2	408.0	425.6	451.1
25°	208.9	199.1	215.8	247.1	275.6	291.3	298.1	308.0	335.4
27.5°	139.3	131.4	136.3	172.6	201.1	213.8	217.7	230.5	246.2
30°	89.2	90.2	92.2	118.7	148.1	155.9	159.9	165.7	177.5
32.5°	56.9	60.8	68.7	81.4	107.9	117.7	120.6	123.6	132.4
35°	38.2	41.2	53.0	61.8	81.4	90.2	92.2	95.1	102.0
37.5°	25.5	28.4	37.3	48.1	60.8	70.6	73.6	73.6	76.5
40°	17.7	19.6	26.5	38.2	47.1	55.9	58.8	59.8	61.8
42.5°	12.7	12.7	17.7	30.4	37.3	45.1	49.0	50.0	52.0
45°	6.9	7.8	12.7	23.5	29.4	37.3	41.2	43.2	44.1
47.5°	2.0	3.9	8.8	16.7	24.5	31.4	35.3	37.3	37.3
50°	1.0	1.0	4.9	11.8	20.6	26.5	30.4	31.4	32.4
52.5°	0.0	1.0	2.9	7.8	15.7	21.6	25.5	26.5	27.5
55°	0.0	0.0	1.0	5.9	12.7	18.6	20.6	22.6	22.6
57.5°	0.0	0.0	1.0	3.9	9.8	14.7	17.7	18.6	18.6
60°	0.0	0.0	0.0	2.9	6.9	10.8	13.7	14.7	15.7
62.5°	0.0	0.0	0.0	1.0	4.9	7.8	10.8	10.8	12.7
65°	0.0	0.0	0.0	1.0	2.9	4.9	7.8	8.8	8.8
67.5°	0.0	0.0	0.0	0.0	1.0	2.9	4.9	5.9	5.9
70°	0.0	0.0	0.0	0.0	1.0	2.0	2.9	3.9	3.9
72.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)