

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: P295428

Luminaire Tested: **TCRS5W(7030)-VISOR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-12)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS5W(7030)-VISOR
Description: TRACER SMALL, VISOR NEMA 5x5
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 515.7 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

Input Watts (W): 5
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

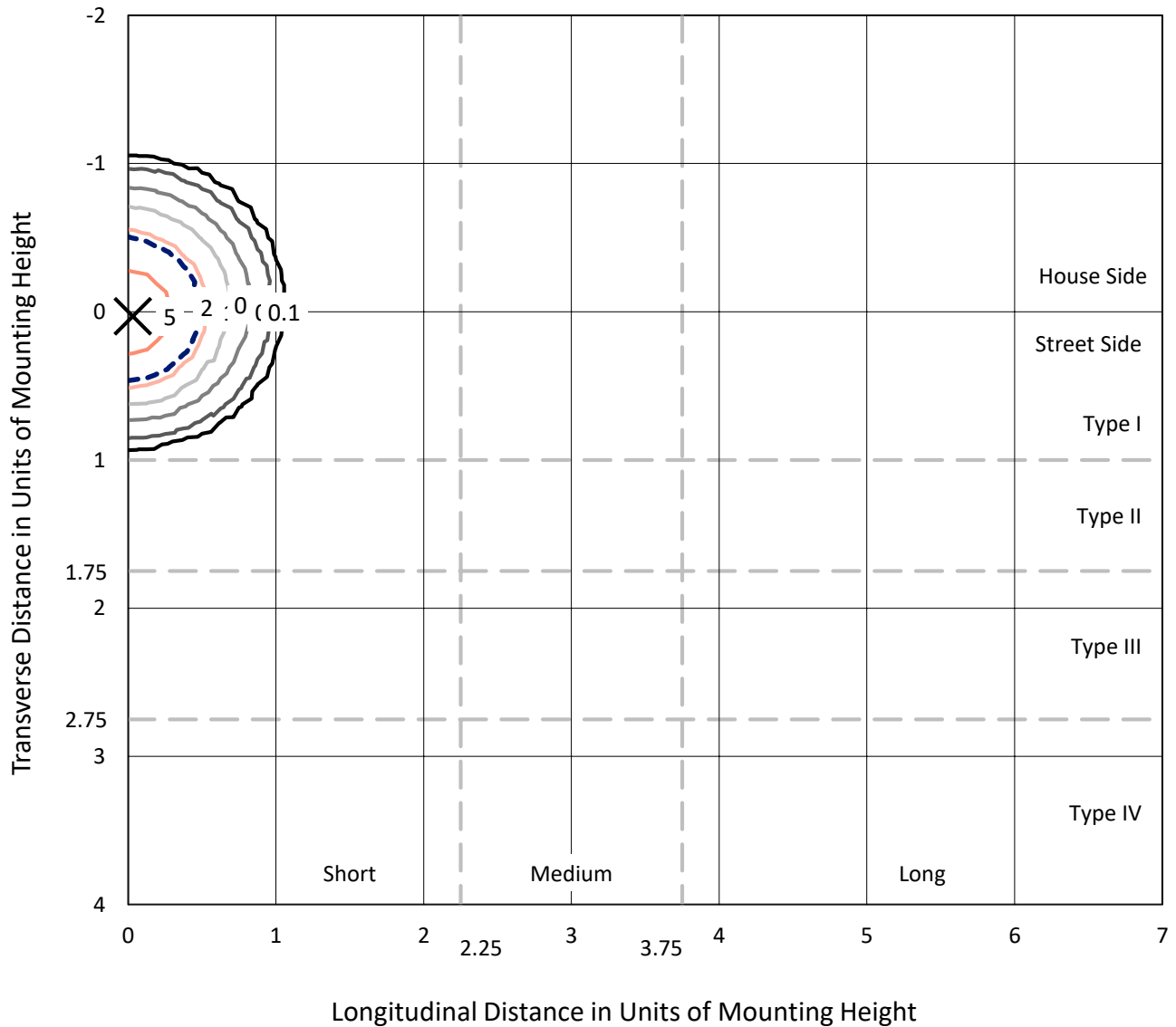


REPORT NUMBER: P295428

CATALOG NUMBER: TCRS5W(7030)-VISOR

Iso-Footcandle Lines of Horizontal Illumination

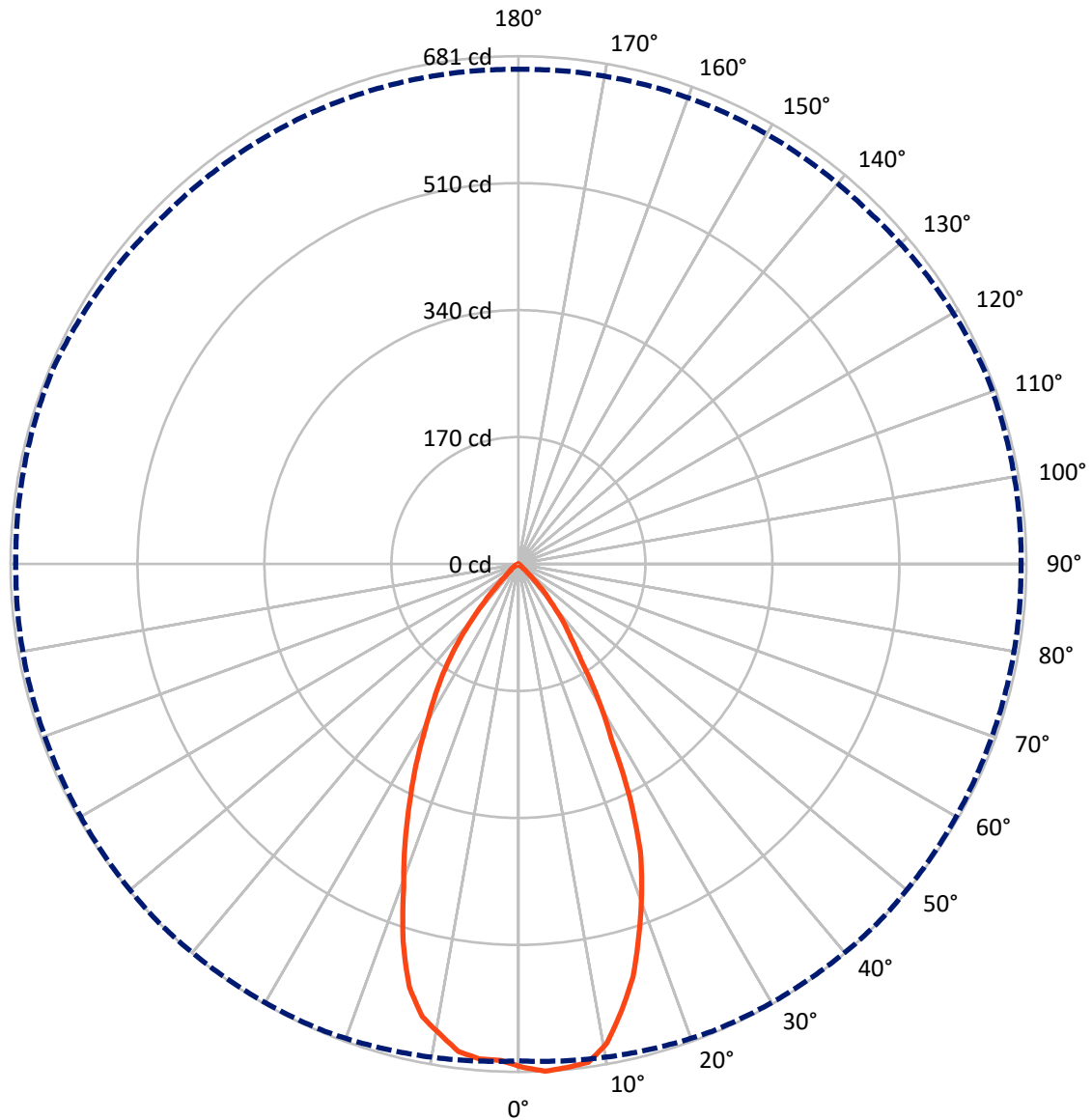
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P295428
CATALOG NUMBER: TCRS5W(7030)-VISOR

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 2.5-Deg Vertical

REPORT NUMBER: P295428

CATALOG NUMBER: TCRS5W(7030)-VISOR

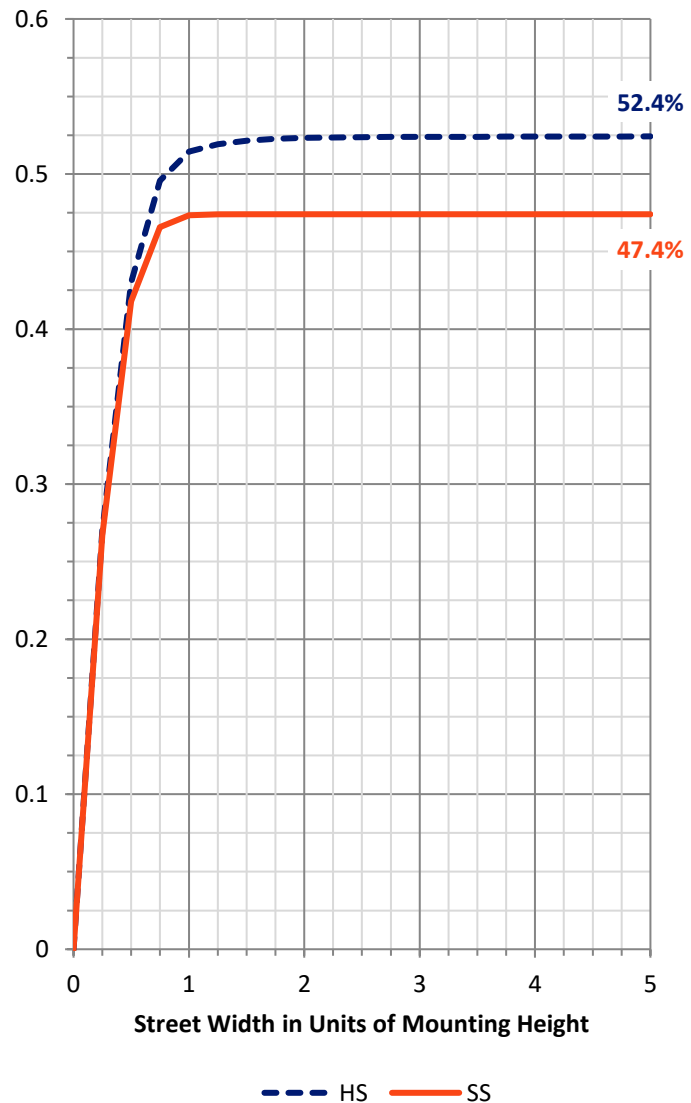
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	273.2	0.0	273.2
	% Fixture	53.0	0.0	53.0
Street Side	Lumens	242.5	0.0	242.5
	% Fixture	47.0	0.0	47.0
Total	Lumens	515.7	0.0	515.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.6	12.3
10°-20°	159.7	31.0
20°-30°	159.2	30.9
30°-40°	96.1	18.6
40°-50°	29.0	5.6
50°-60°	5.9	1.1
60°-70°	1.8	0.3
70°-80°	0.3	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°	515.7	100.0
0°-180°	515.7	100.0



REPORT NUMBER: P295428

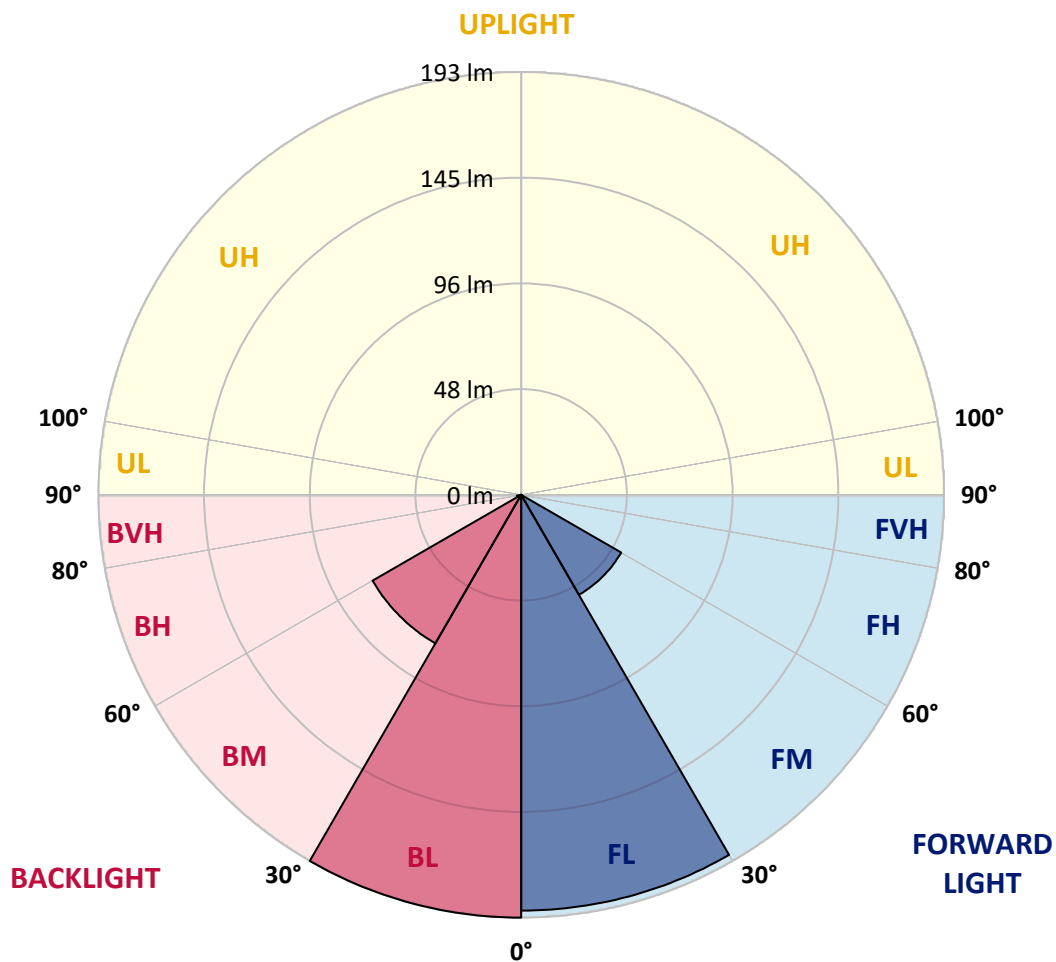
CATALOG NUMBER: TCRS5W(7030)-VISOR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	189.6	36.8			
FM	(30°-60°)	52.7	10.2			
FH	(60°-80°)	0.2	0.0			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	192.9	37.4	B1/500		
BM	(30°-60°)	78.3	15.2	B0/220		
BH	(60°-80°)	1.9	0.4	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: B1-U0-G0

Type V Short





REPORT NUMBER: P295428

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	674.3	674.3	674.3	674.3	674.3	674.3	674.3	674.3	674.3
2.5°	665.8	677.8	680.6	675.7	673.6	676.4	665.8	665.1	663.0
5°	677.1	679.2	677.8	678.5	670.1	672.9	665.1	663.7	662.3
7.5°	671.5	676.4	674.3	675.7	669.4	666.5	658.1	657.4	654.6
10°	656.7	660.2	652.5	658.8	660.9	656.7	638.4	648.2	641.9
12.5°	628.5	627.8	614.4	627.8	634.1	629.2	620.0	616.5	612.3
15°	590.4	586.2	574.2	586.2	588.3	587.6	584.8	574.9	565.1
17.5°	529.9	527.0	522.8	527.7	523.5	529.1	528.4	521.4	522.1
20°	458.0	472.1	471.4	470.7	456.6	470.7	460.8	462.2	489.7
22.5°	377.0	396.0	418.5	412.9	403.0	415.0	405.8	408.0	436.1
25°	331.9	329.7	346.7	359.3	349.5	362.2	351.6	353.7	374.8
27.5°	274.8	269.9	265.6	298.7	295.2	312.1	301.6	298.7	322.0
30°	200.8	200.1	212.1	226.9	243.8	260.0	252.9	250.8	270.6
32.5°	152.9	163.5	155.0	169.8	198.7	218.4	213.5	208.6	228.3
35°	119.1	112.0	121.2	143.7	163.5	183.2	178.3	175.4	187.4
37.5°	68.3	78.9	95.1	107.8	133.9	145.1	140.9	139.5	143.7
40°	50.0	53.5	66.9	78.2	103.6	107.1	104.3	102.9	105.0
42.5°	21.1	27.5	46.5	53.5	69.8	74.0	67.6	66.9	71.2
45°	10.6	12.7	21.8	31.7	40.2	44.4	41.6	39.5	37.3
47.5°	3.5	4.9	8.5	15.5	19.7	25.4	24.0	23.3	22.5
50°	0.0	1.4	4.2	8.5	12.7	16.2	16.2	16.9	16.9
52.5°	0.0	0.0	2.1	4.9	9.9	12.7	13.4	14.1	14.1
55°	0.0	0.0	0.7	3.5	7.8	10.6	11.3	11.3	12.0
57.5°	0.0	0.0	0.0	2.8	5.6	8.5	9.2	9.2	9.2
60°	0.0	0.0	0.0	2.1	4.2	6.3	7.0	7.0	7.8
62.5°	0.0	0.0	0.0	0.7	2.8	4.2	4.9	4.9	5.6
65°	0.0	0.0	0.0	0.0	1.4	2.8	3.5	3.5	4.2
67.5°	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.1	2.1
70°	0.0	0.0	0.0	0.0	0.0	0.7	1.4	1.4	1.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)