

Scaled data based on original data using
LM-66-11 Electrical and Photometric Measurements of Single-Ended Compact
Fluorescent Lamps

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: SHAPER

Report Number: 18390

Luminaire Tested: **906-PT-CF2/42**

Issue Date: 3/3/2020

Test Information

Test Method: LM-66-11
Report Number: 18390
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 906-PT-CF2/42
Description: WITH WHITE TOP REFLECTOR AND FLAT FROSTED PLASTIC LENS

Light Source: TWO 42 WATT CPFL LAMPS. LUMEN RATING = 6400 LMS.

Ballast/Driver: -

Summary

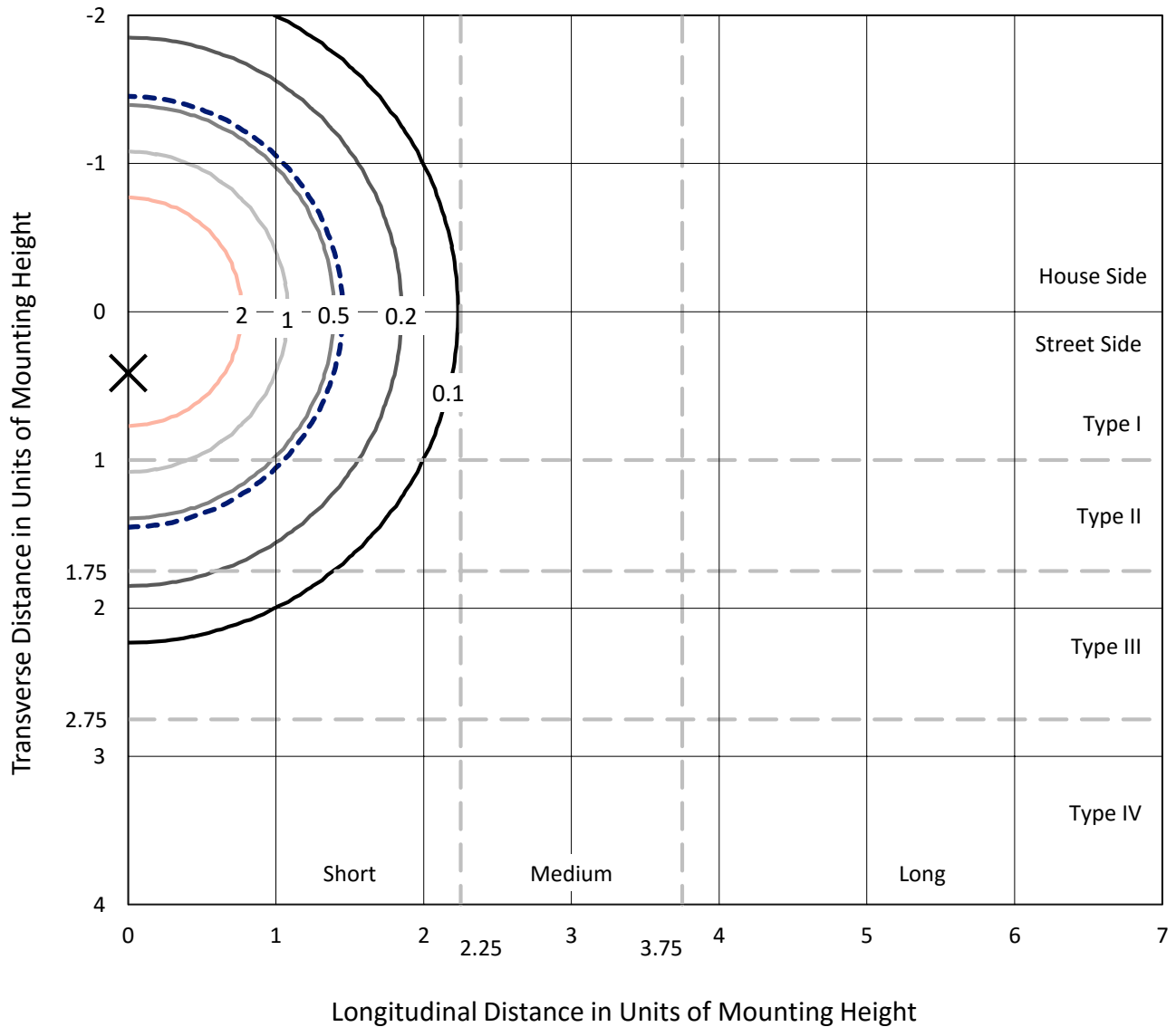
Lumens per Lamp: 6400 (1 lamp)
Luminaire Lumens: 1101.3 lumens
Efficiency: 17.2%
Efficacy: -
Luminous Opening: (L: 0' x W: -1.88' x H: 0'
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U0 - G0

Input Watts (W): 0
Input Voltage (V): NR
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

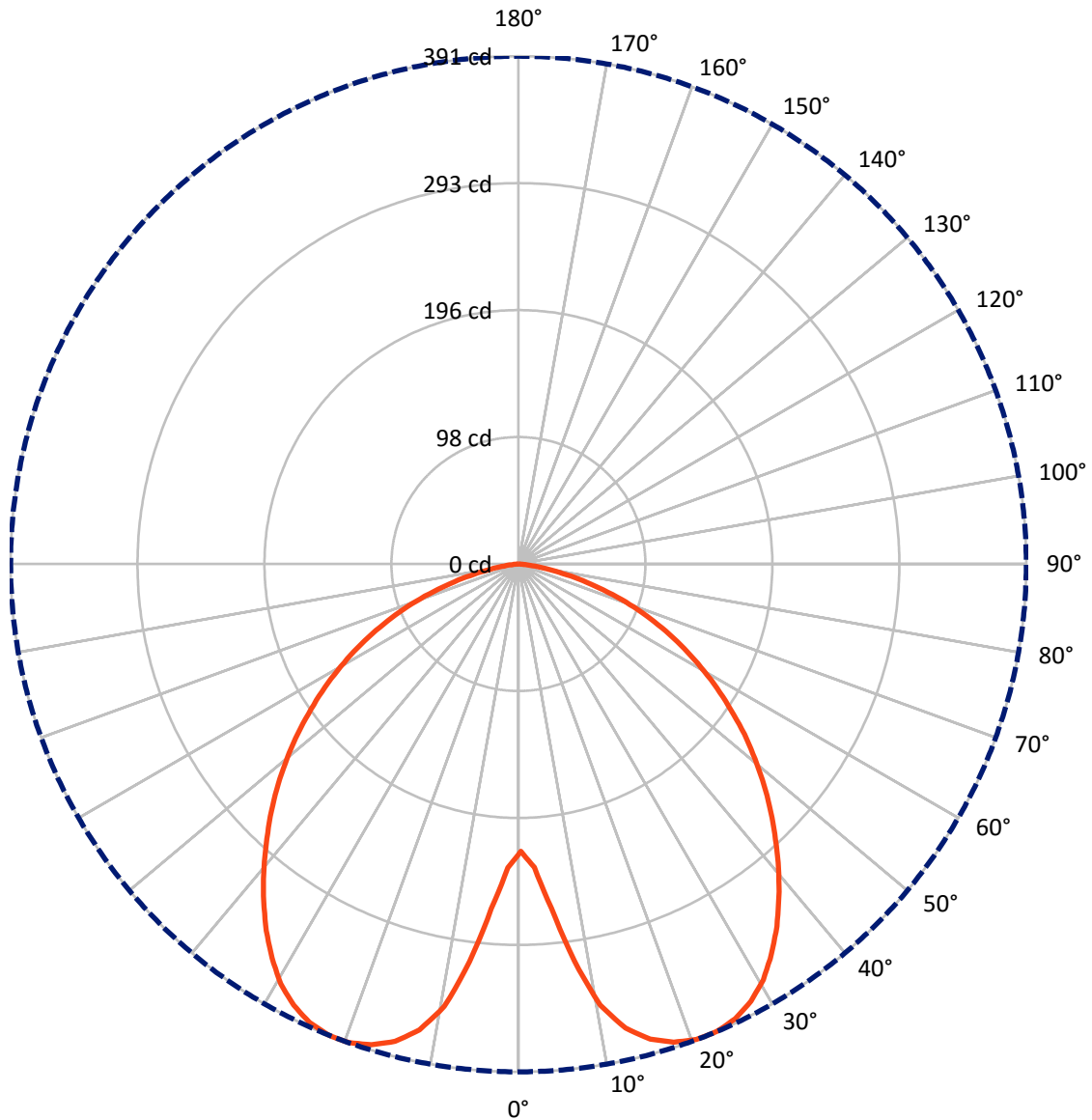
✕ Max cd
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 4.2 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 22.5-Deg Vertical

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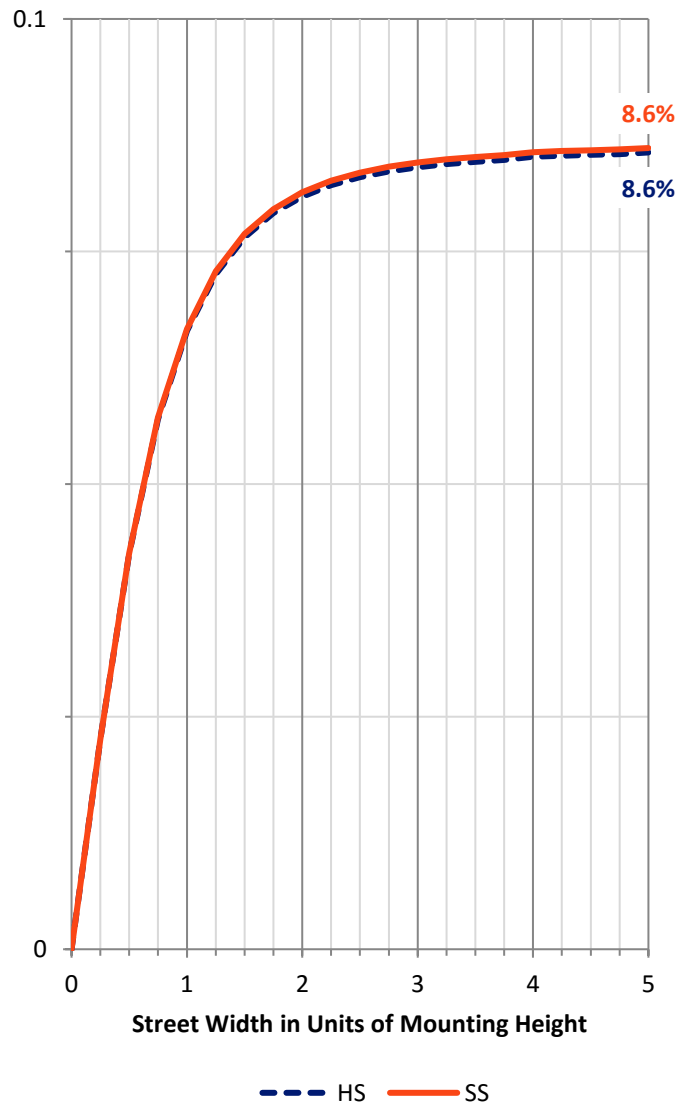
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	550.7	0.0	550.7
	% Lamp	8.6	0.0	8.6
Street Side	Lumens	550.7	0.0	550.7
	% Lamp	8.6	0.0	8.6
Total	Lumens	1101.3	0.0	1101.3
	% Lamp	17.2	0.0	17.2

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	28.1	2.5	0.4
10°-20°	107.1	9.7	1.7
20°-30°	178.2	16.2	2.8
30°-40°	213.9	19.4	3.3
40°-50°	210.3	19.1	3.3
50°-60°	177.9	16.2	2.8
60°-70°	123.4	11.2	1.9
70°-80°	55.1	5.0	0.9
80°-90°	7.3	0.7	0.1
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	1101.3	100.0	17.2
0°-180°	1101.3	100.0	17.2

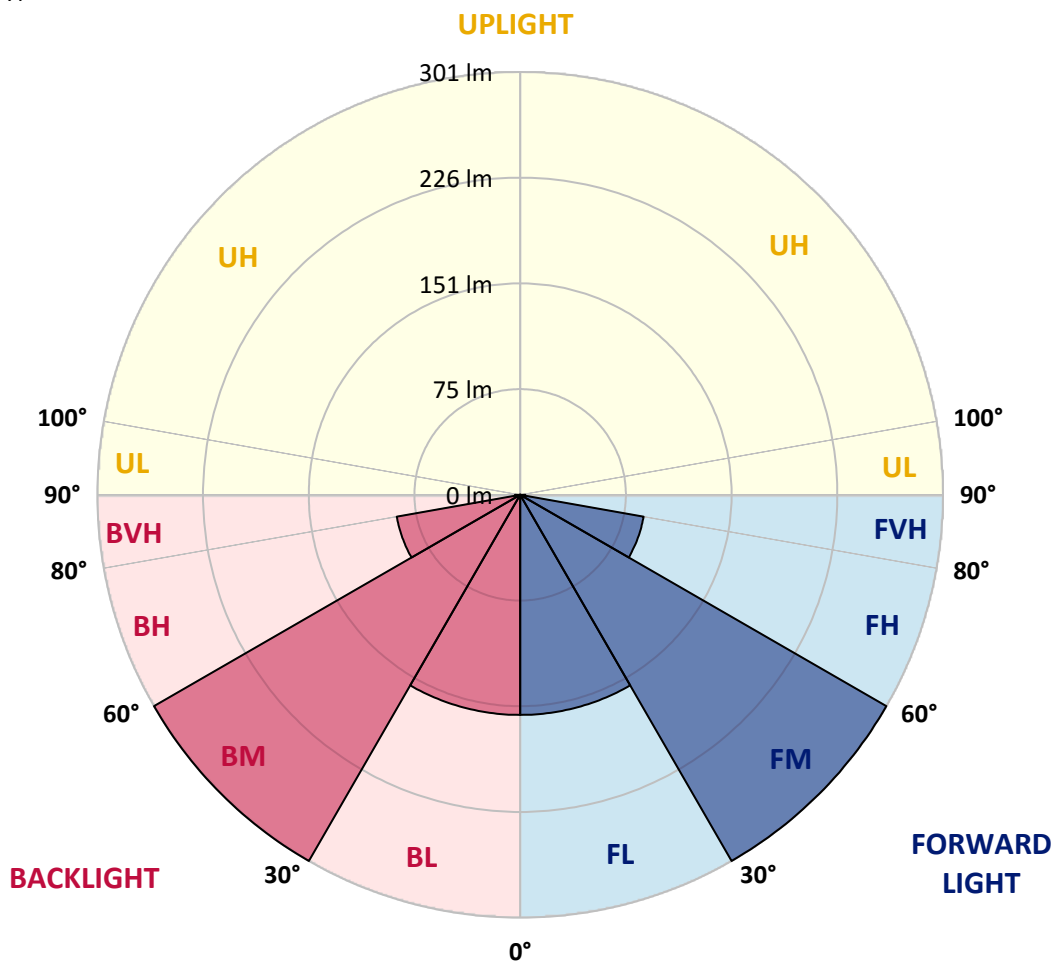


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	156.7	2.4			
FM (30°-60°)	301.1	4.7			
FH (60°-80°)	89.3	1.4			G0/660
FVH (80°-90°)	3.7	0.1			G0/10
BL (0°-30°)	156.7	2.4	B1/500		
BM (30°-60°)	301.1	4.7	B1/1000		
BH (60°-80°)	89.3	1.4	B0/110		G0/660
BVH (80°-90°)	3.7	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	5298.7	82.8			

BUG Rating: B1-U0-G0
 Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	221.4
2.5°	234.0
5°	266.4
7.5°	308.6
10°	345.7
12.5°	367.0
15°	379.9
17.5°	387.3
20°	391.2
22.5°	391.3
25°	388.1
27.5°	381.5
30°	371.7
32.5°	358.1
35°	342.9
37.5°	326.0
40°	308.6
42.5°	290.4
45°	272.7
47.5°	254.6
50°	236.2
52.5°	218.0
55°	198.7
57.5°	180.4
60°	161.6
62.5°	143.5
65°	124.7
67.5°	106.4
70°	87.8
72.5°	68.5
75°	51.3
77.5°	34.8
80°	21.5
82.5°	10.8
85°	4.0
87.5°	1.1
90°	0.5

(END OF REPORT)