

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-CF2/26**

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-CF2/26
Description: WITH WHITE TOP REFLECTOR AND FLAT FROSTED PLASTIC LENS

Light Source: TWO 26 WATT CPFL LAMPS. LUMEN RATING = 3600 LMS.

Ballast/Driver: -

Summary

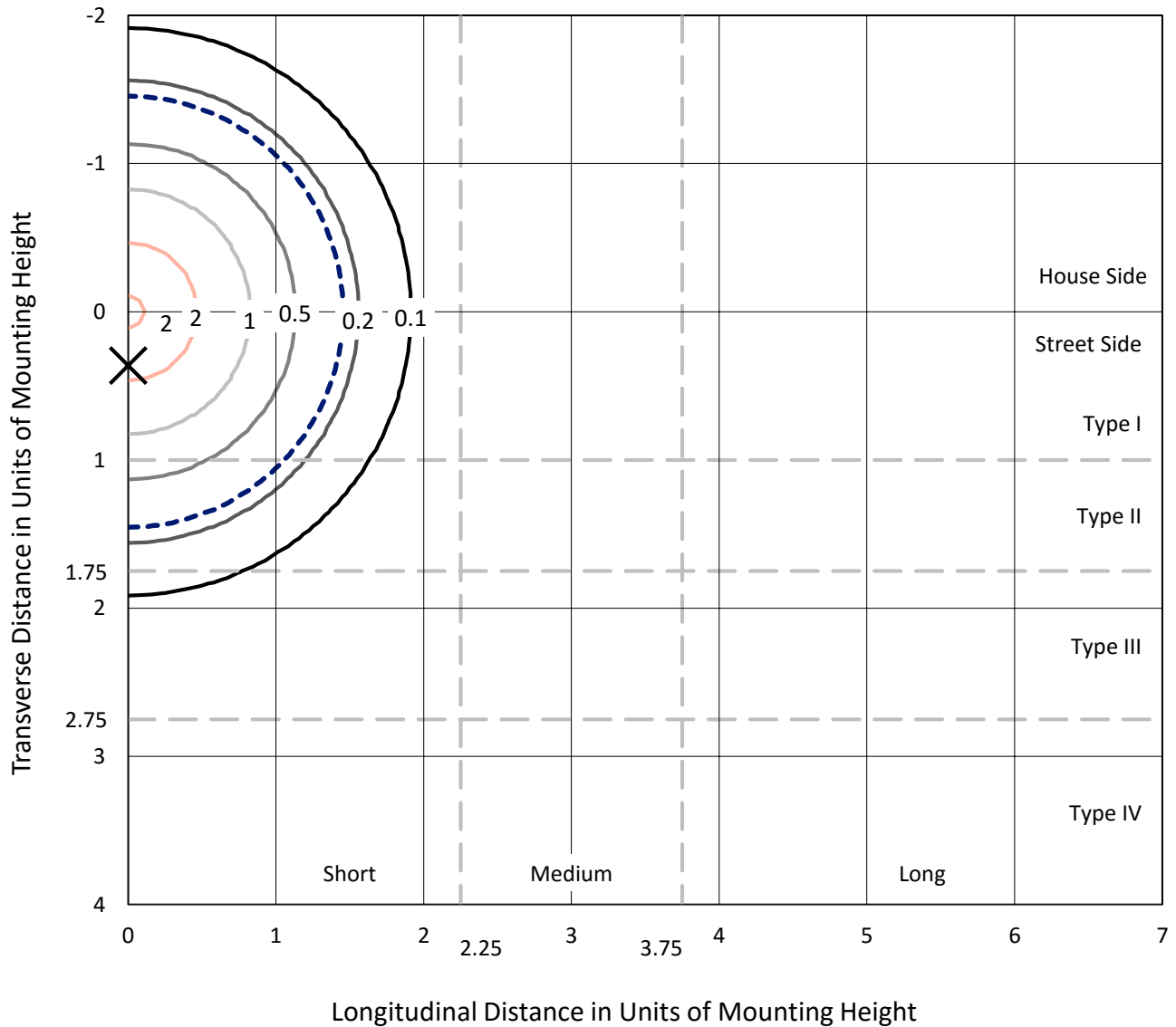
Lumens per Lamp: 3600 (1 lamp)
Luminaire Lumens: 620.9 lumens
Efficiency: 17.2%
Efficacy: -
Luminous Opening: (L: 0' x W: -1.88' x H: 0'
IES Classification: Type V - Short - Cutoff
BUG Rating: B0 - U0 - G0

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

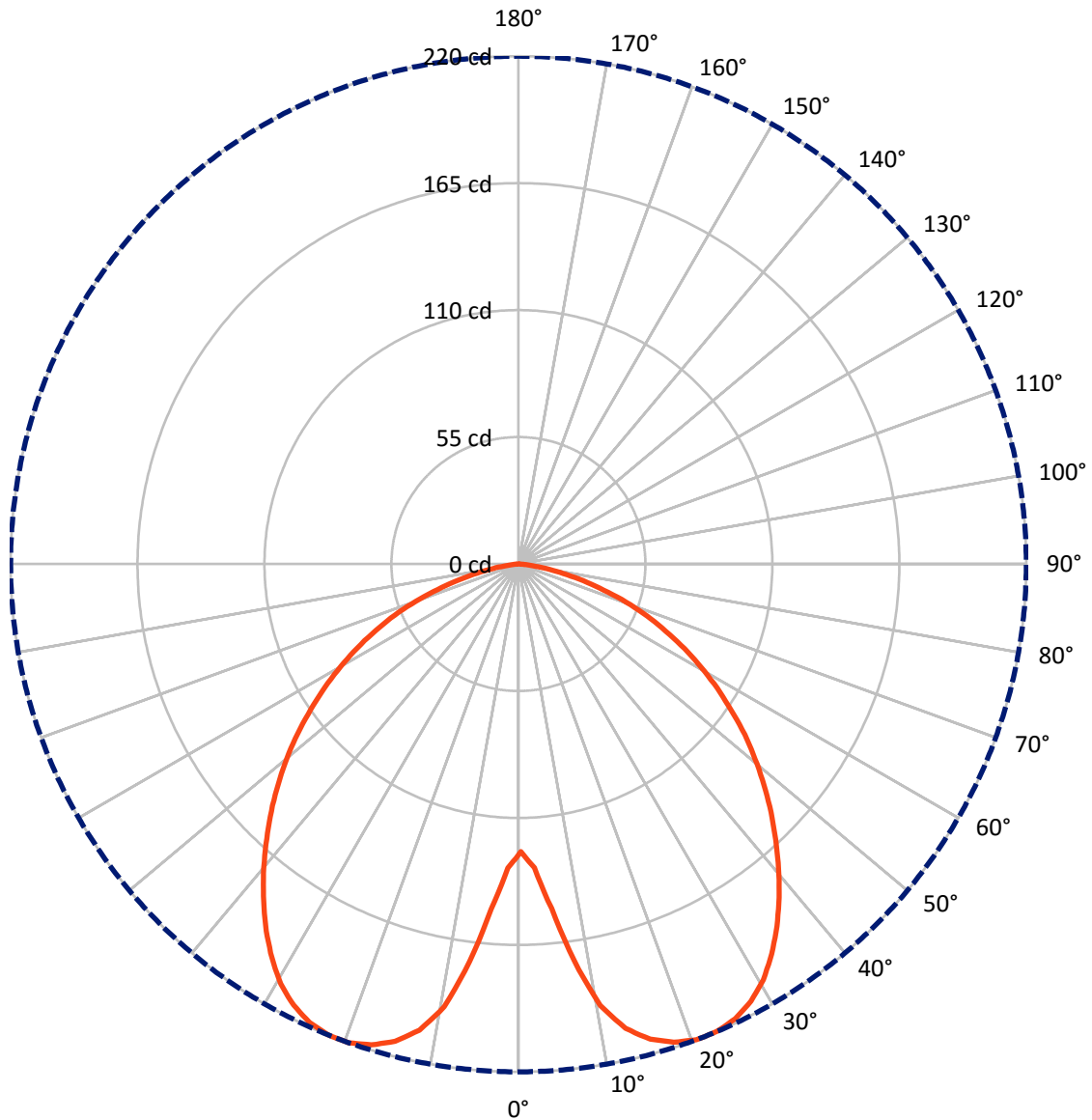
✕ Max cd
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 2.4 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 20-Deg Vertical

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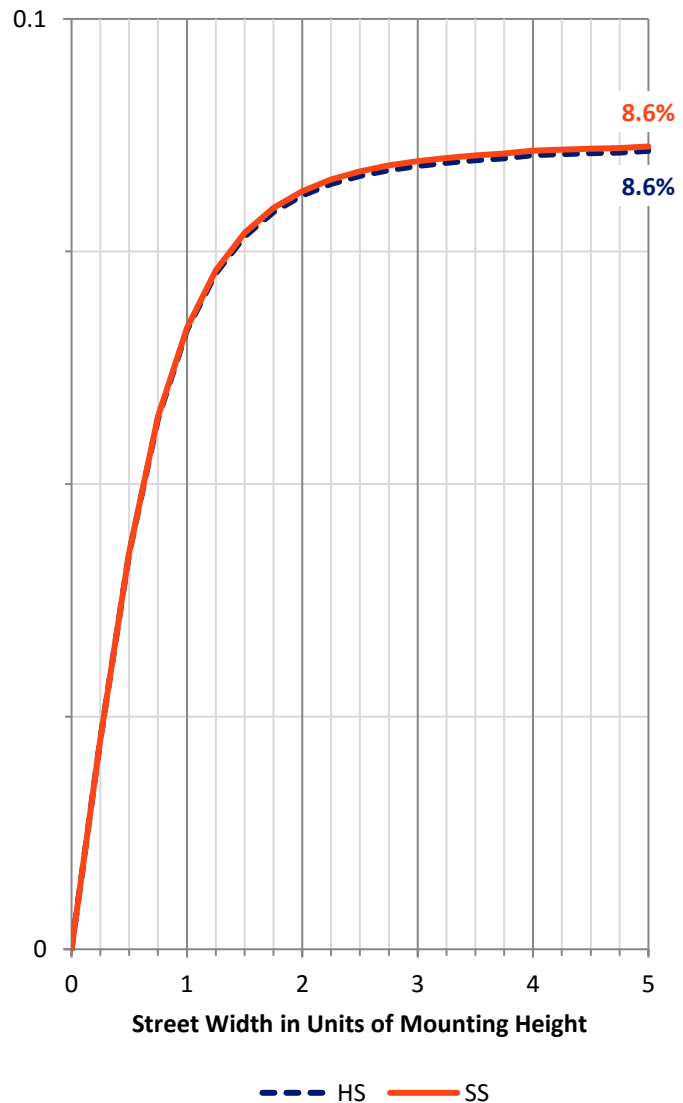
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	310.4	0.0	310.4
	% Lamp	8.6	0.0	8.6
Street Side	Lumens	310.4	0.0	310.4
	% Lamp	8.6	0.0	8.6
Total	Lumens	620.9	0.0	620.9
	% Lamp	17.2	0.0	17.2

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	15.8	2.5	0.4
10°-20°	60.3	9.7	1.7
20°-30°	100.3	16.2	2.8
30°-40°	120.5	19.4	3.3
40°-50°	118.5	19.1	3.3
50°-60°	100.3	16.2	2.8
60°-70°	69.6	11.2	1.9
70°-80°	31.2	5.0	0.9
80°-90°	4.3	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°	620.9	100.0	17.2
0°-180°	620.9	100.0	17.2

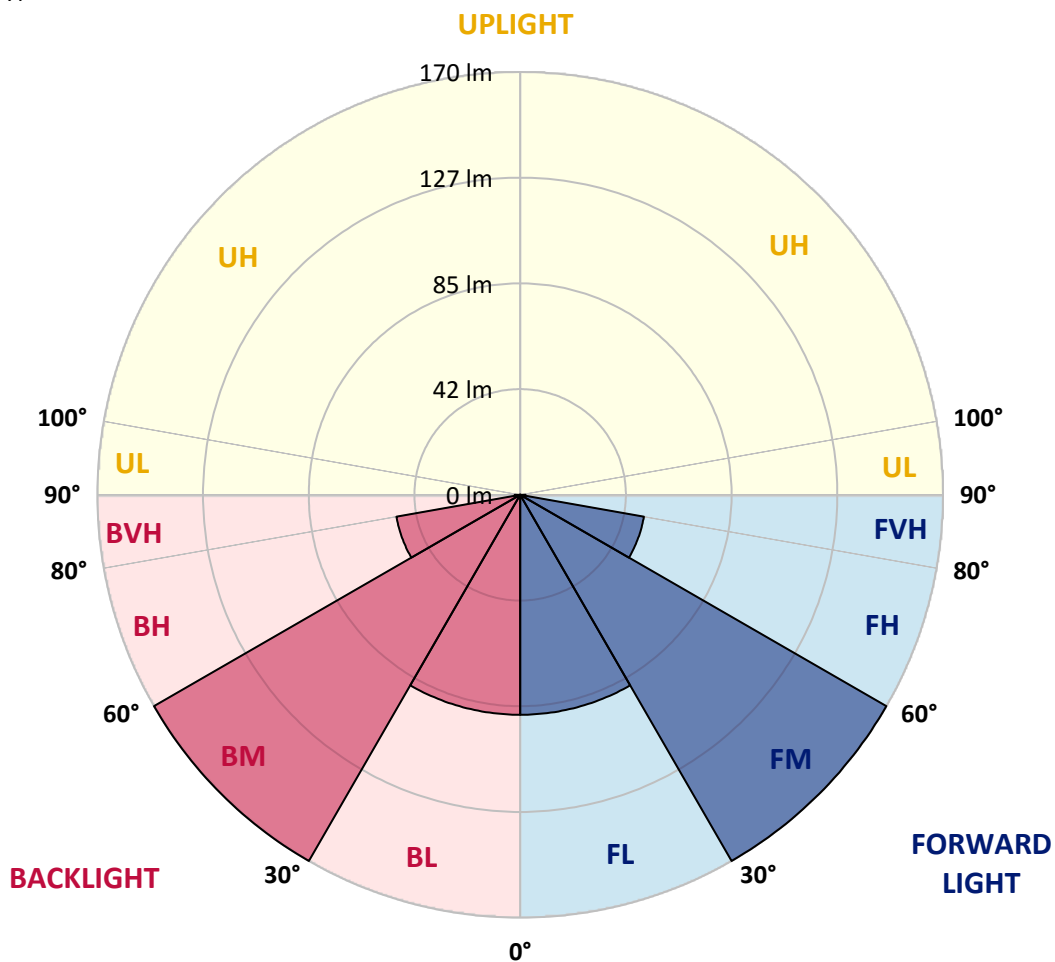


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	88.2	2.5			
FM (30°-60°)	169.6	4.7			
FH (60°-80°)	50.4	1.4			G0/660
FVH (80°-90°)	2.2	0.1			G0/10
BL (0°-30°)	88.2	2.5	B0/110		
BM (30°-60°)	169.6	4.7	B0/220		
BH (60°-80°)	50.4	1.4	B0/110		G0/660
BVH (80°-90°)	2.2	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	2979.1	82.8			

BUG Rating: B0-U0-G0
 Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	124.8
2.5°	131.9
5°	150.1
7.5°	173.8
10°	194.7
12.5°	206.7
15°	213.9
17.5°	218.1
20°	220.3
22.5°	220.3
25°	218.5
27.5°	214.8
30°	209.3
32.5°	201.7
35°	193.1
37.5°	183.6
40°	173.8
42.5°	163.6
45°	153.6
47.5°	143.4
50°	133.1
52.5°	122.9
55°	112.0
57.5°	101.7
60°	91.1
62.5°	80.9
65°	70.3
67.5°	60.1
70°	49.6
72.5°	38.7
75°	29.0
77.5°	19.8
80°	12.3
82.5°	6.3
85°	2.5
87.5°	0.8
90°	0.5

(END OF REPORT)