

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: 19079

Luminaire Tested: **994-PT-CF2/26**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-66-11  
Report Number: 19079  
Test Lab:  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: SHAPER  
Catalog Number: 994-PT-CF2/26  
Description: POST TOP LUMINAIRE WITH SPECULAR FACETED REFLECTOR AND CLEAR FLAT GLASS LENS  
Light Source: TWO SYLVANIA 26 WATT CPFL LAMPS  
  
CF26DD/E/841. LUMEN RATING = 3600 LMS.  
  
Ballast/Driver: -

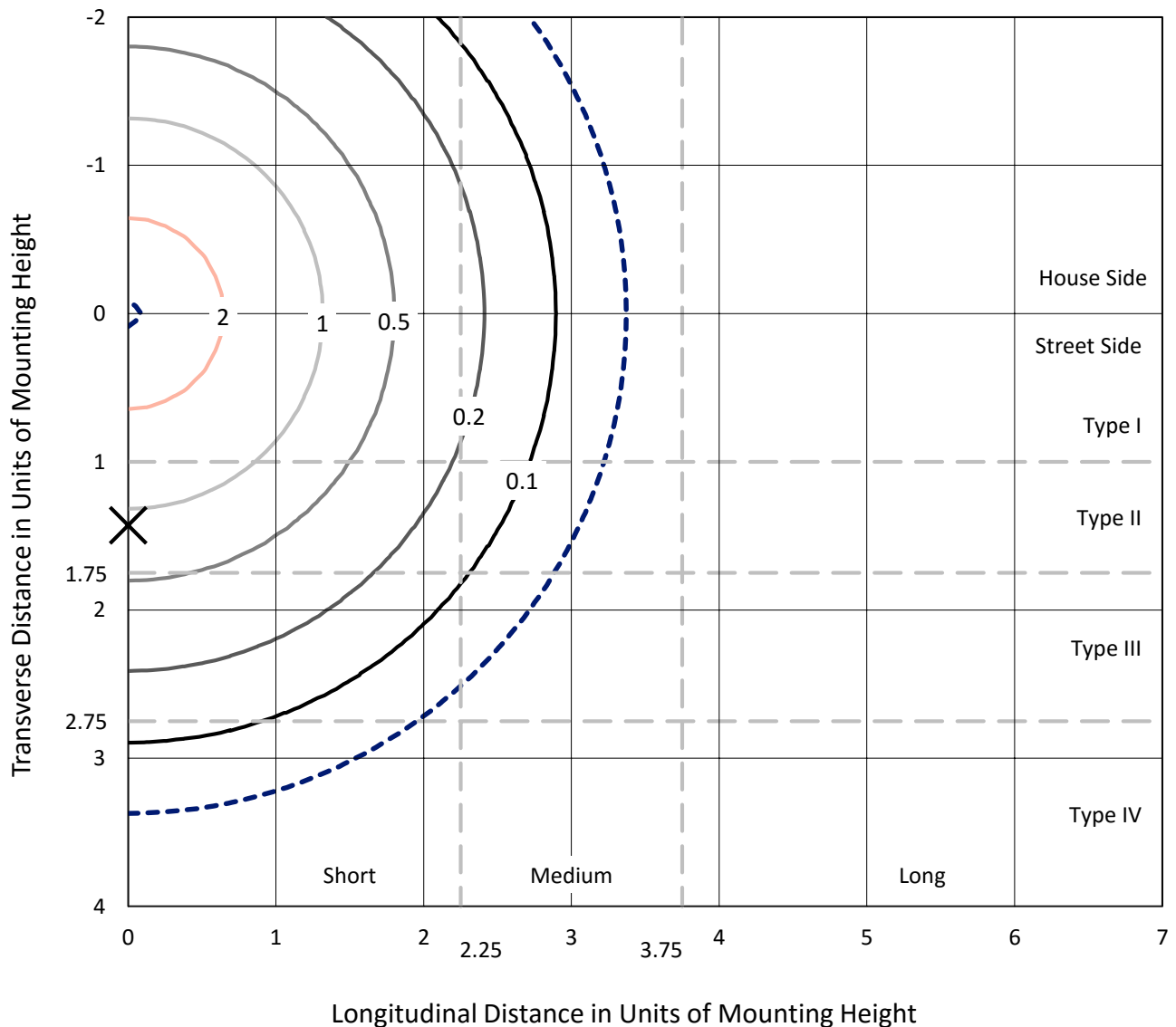
**Summary**

Lumens per Lamp: 3600 (1 lamp)  
Luminaire Lumens: 1439.2 lumens  
Efficiency: 40.0%  
Efficacy: 33.5 lumens/watt  
Luminous Opening: (L: 0 ' x W: -1.33 ' x H: 0 '  
IES Classification: Type V - Short - Cutoff  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 43  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

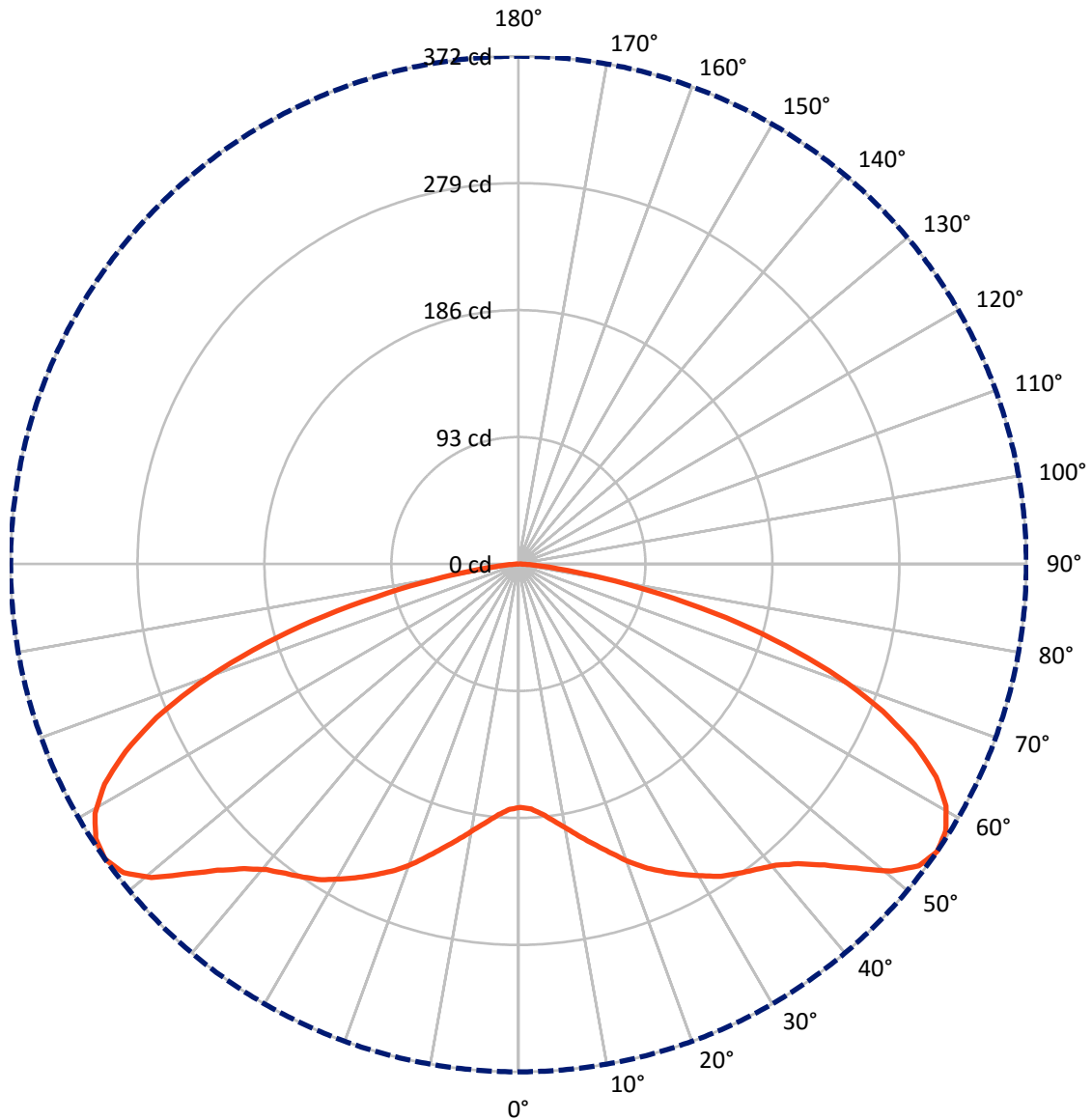
✕ Max cd  
 - - - 1/2 Max cd



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 55-Deg Vertical

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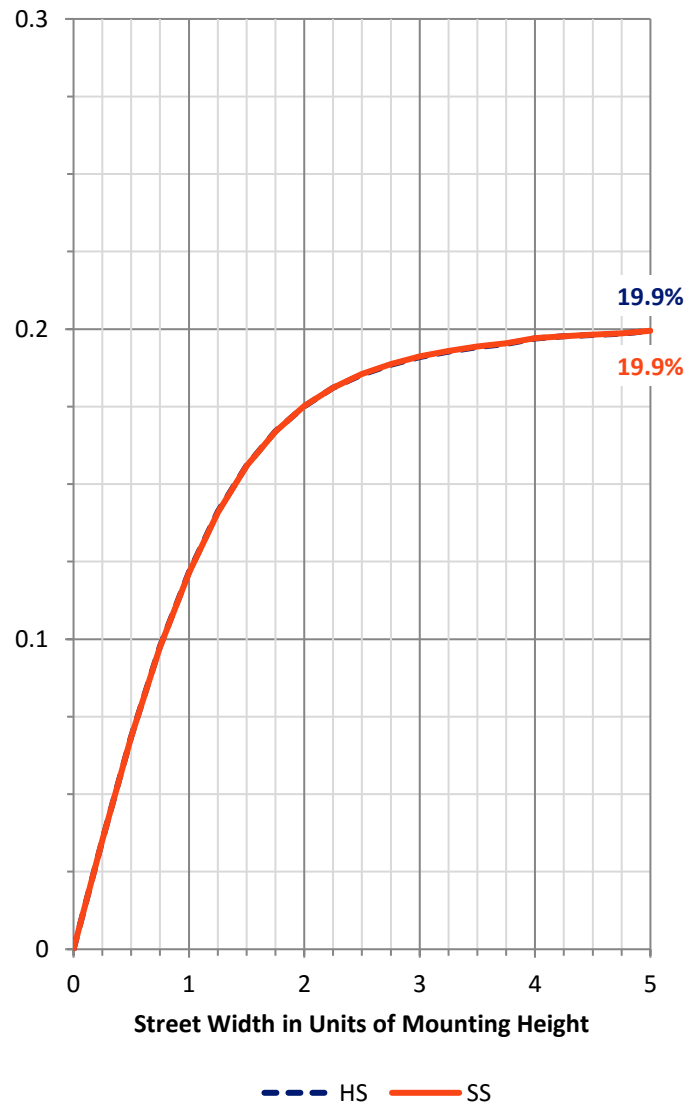
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	719.6	0.0	719.6
	% Lamp	20.0	0.0	20.0
<b>Street Side</b>	Lumens	719.6	0.0	719.6
	% Lamp	20.0	0.0	20.0
<b>Total</b>	Lumens	1439.2	0.0	1439.2
	% Lamp	40.0	0.0	40.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	18.0	1.2	0.5
10°-20°	61.2	4.3	1.7
20°-30°	115.8	8.0	3.2
30°-40°	174.7	12.1	4.9
40°-50°	246.1	17.1	6.8
50°-60°	328.2	22.8	9.1
60°-70°	310.3	21.6	8.6
70°-80°	164.4	11.4	4.6
80°-90°	20.6	1.4	0.6
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°	1439.2	100.0	40.0
0°-180°	1439.2	100.0	40.0

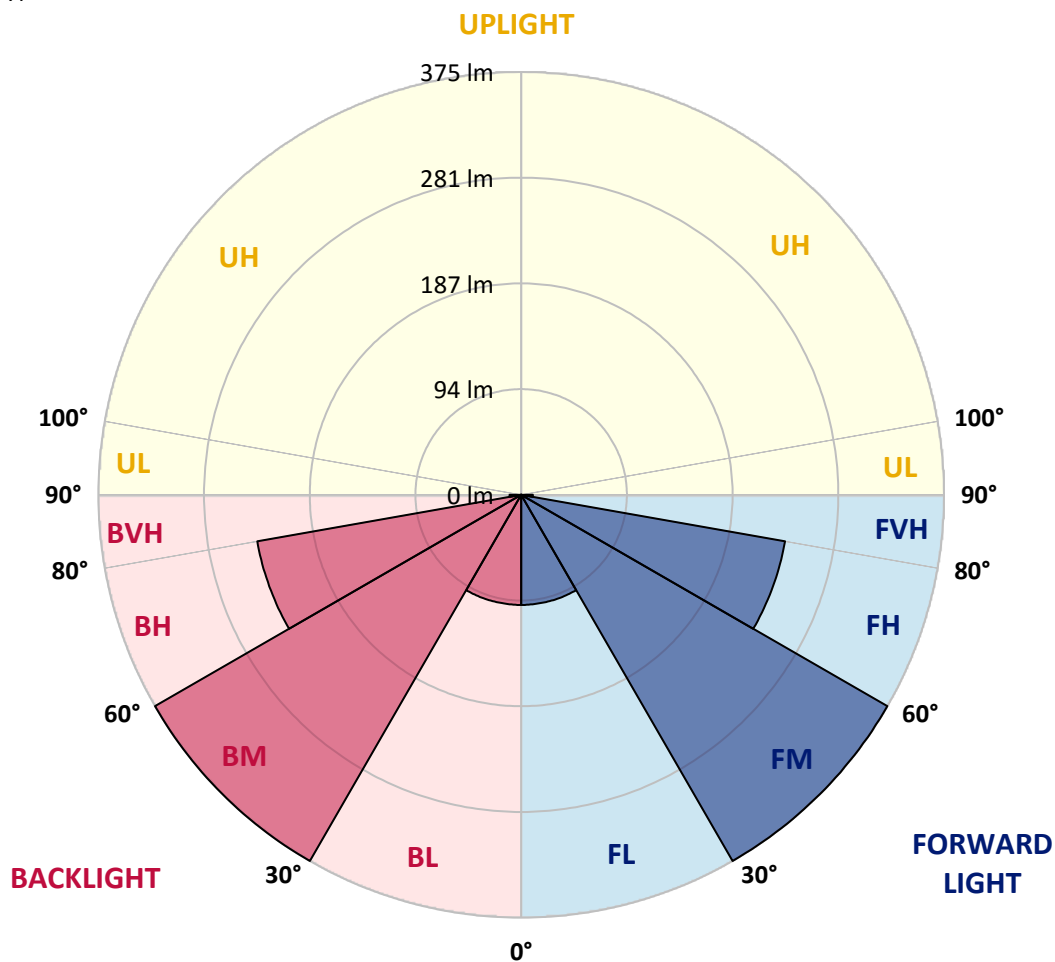


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	97.5	2.7			
FM (30°-60°)	374.5	10.4			
FH (60°-80°)	237.3	6.6			G0/660
FVH (80°-90°)	10.3	0.3			G1/100
BL (0°-30°)	97.5	2.7	B0/110		
BM (30°-60°)	374.5	10.4	B1/1000		
BH (60°-80°)	237.3	6.6	B1/500		G0/660
BVH (80°-90°)	10.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	2160.8	60.0			

**BUG Rating: B1-U0-G1**  
 Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	178.0
2.5°	179.5
5°	183.8
7.5°	190.0
10°	197.1
12.5°	205.2
15°	213.6
17.5°	222.8
20°	232.8
22.5°	241.7
25°	249.5
27.5°	257.2
30°	264.7
32.5°	272.3
35°	277.9
37.5°	283.3
40°	289.7
42.5°	299.7
45°	314.0
47.5°	332.4
50°	353.1
52.5°	366.7
55°	371.5
57.5°	368.6
60°	359.4
62.5°	342.8
65°	318.4
67.5°	287.5
70°	249.4
72.5°	204.2
75°	157.1
77.5°	106.8
80°	63.0
82.5°	29.4
85°	11.3
87.5°	3.3
90°	0.5

(END OF REPORT)