

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-CF2/32**

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-CF2/32
Description: WITH WHITE TOP REFLECTOR AND FLAT FROSTED PLASTIC LENS

Light Source: TWO SYLVANIA 32 WATT CPFL LAMPS

CF32DT/E/841. LUMEN RATING = 4800 LMS.

Ballast/Driver: -

Summary

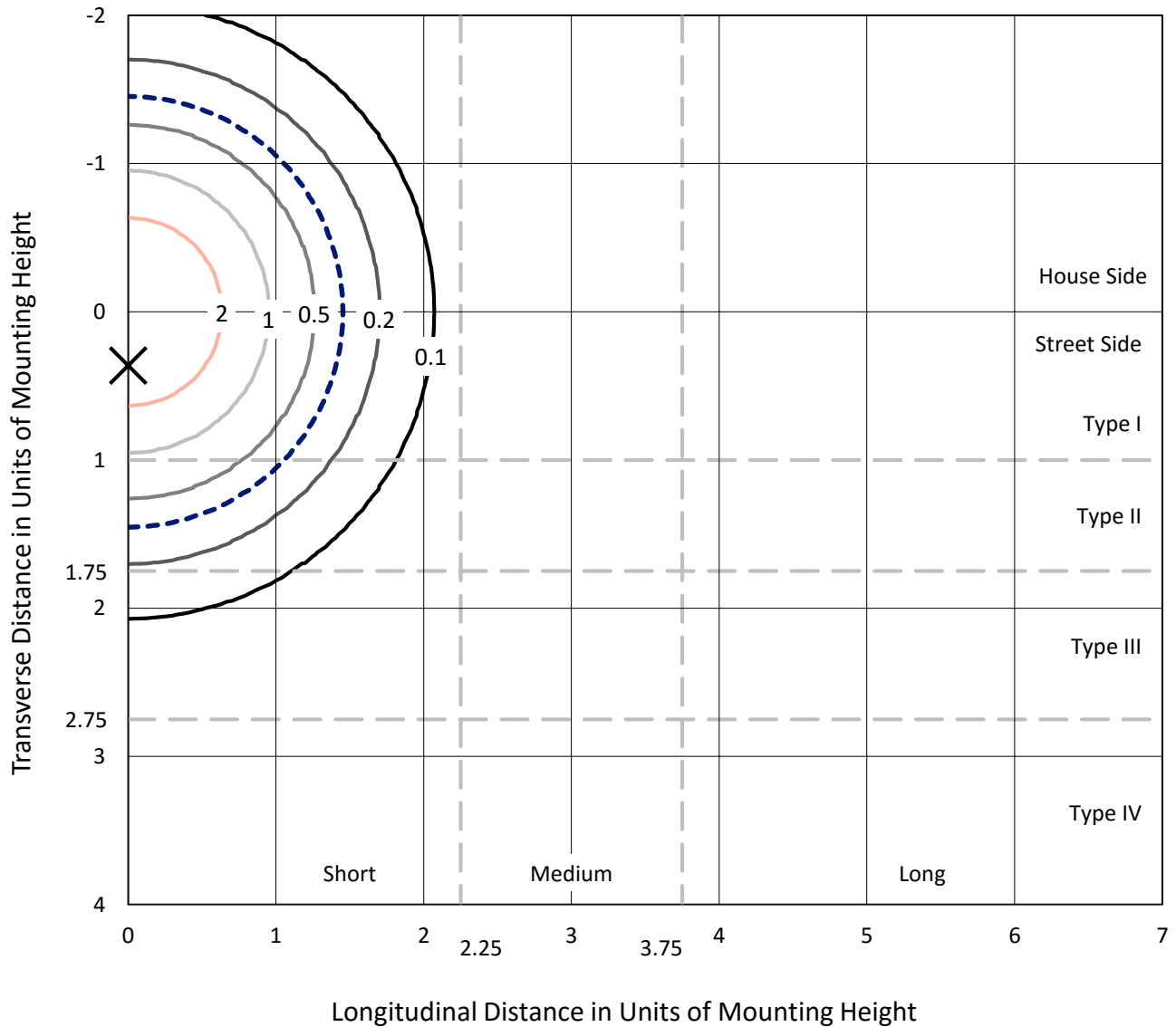
Lumens per Lamp: 4800 (1 lamp)
Luminaire Lumens: 826.8 lumens
Efficiency: 17.2%
Efficacy: 13.8 lumens/watt
Luminous Opening: (L: 0 ' x W: -1.88 ' x H: 0 '
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U0 - G0

Input Watts (W): 60
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

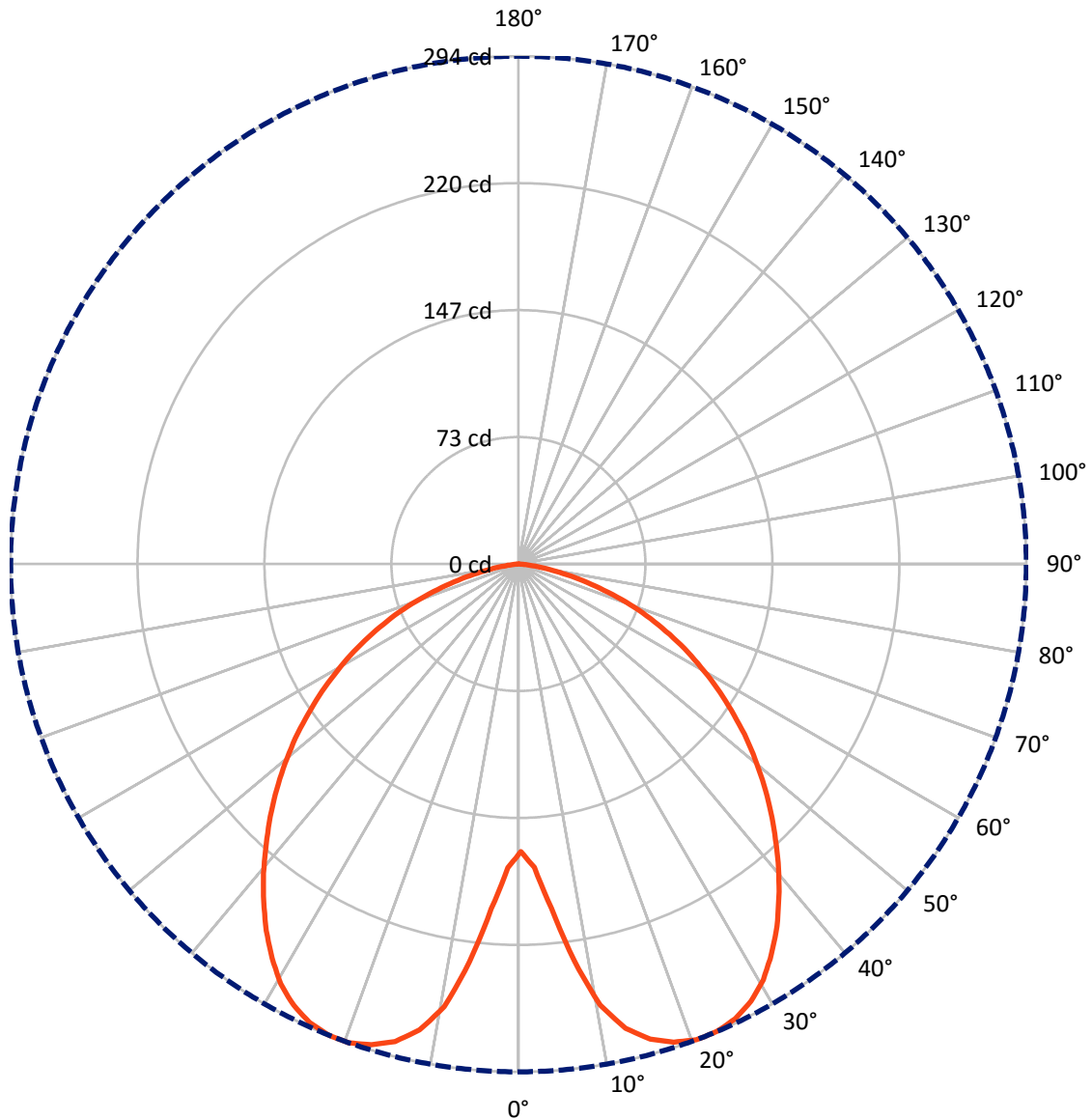
✕ Max cd
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 3.2 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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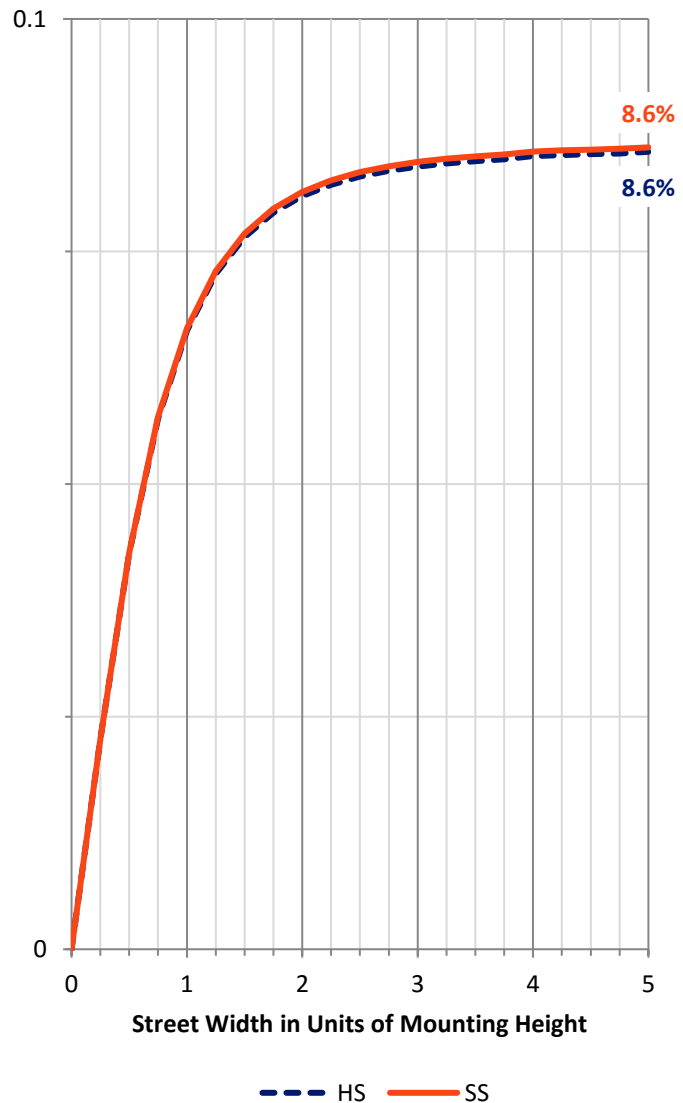
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	413.4	0.0	413.4
	% Lamp	8.6	0.0	8.6
Street Side	Lumens	413.4	0.0	413.4
	% Lamp	8.6	0.0	8.6
Total	Lumens	826.8	0.0	826.8
	% Lamp	17.2	0.0	17.2

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	21.1	2.5	0.4
10°-20°	80.4	9.7	1.7
20°-30°	133.7	16.2	2.8
30°-40°	160.5	19.4	3.3
40°-50°	157.8	19.1	3.3
50°-60°	133.5	16.2	2.8
60°-70°	92.7	11.2	1.9
70°-80°	41.4	5.0	0.9
80°-90°	5.6	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°	826.8	100.0	17.2
0°-180°	826.8	100.0	17.2

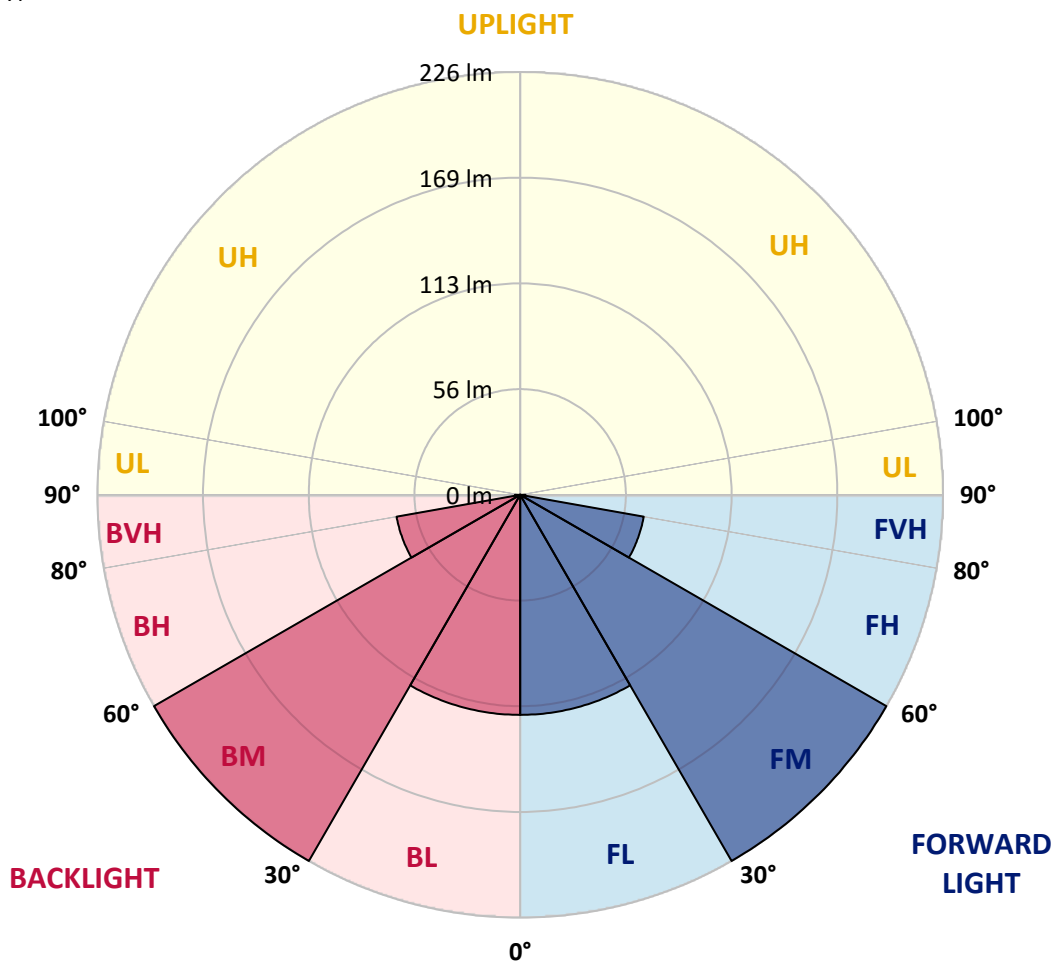


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	117.6	2.4			
FM (30°-60°)	225.9	4.7			
FH (60°-80°)	67.1	1.4			G0/660
FVH (80°-90°)	2.8	0.1			G0/10
BL (0°-30°)	117.6	2.4	B1/500		
BM (30°-60°)	225.9	4.7	B1/1000		
BH (60°-80°)	67.1	1.4	B0/110		G0/660
BVH (80°-90°)	2.8	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	3973.2	82.8			

BUG Rating: B1-U0-G0
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°
0°	166.2
2.5°	175.6
5°	199.9
7.5°	231.6
10°	259.4
12.5°	275.4
15°	285.1
17.5°	290.6
20°	293.6
22.5°	293.6
25°	291.2
27.5°	286.3
30°	278.9
32.5°	268.7
35°	257.3
37.5°	244.6
40°	231.6
42.5°	217.9
45°	204.6
47.5°	191.1
50°	177.3
52.5°	163.6
55°	149.2
57.5°	135.4
60°	121.3
62.5°	107.8
65°	93.6
67.5°	79.9
70°	65.9
72.5°	51.5
75°	38.6
77.5°	26.2
80°	16.2
82.5°	8.2
85°	3.2
87.5°	0.9
90°	0.5

(END OF REPORT)