

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: 19080

Luminaire Tested: **994-PT-CF2/32**

Issue Date: 3/3/2020

Test Information

Test Method: LM-66-11
Report Number: 19080
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 994-PT-CF2/32
Description: POST TOP LUMINAIRE WITH SPECULAR FACETED REFLECTOR AND CLEAR FLAT GLASS LENS
Light Source: TWO SYLVANIA 32 WATT CPFL LAMPS

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

Ballast/Driver: -

Summary

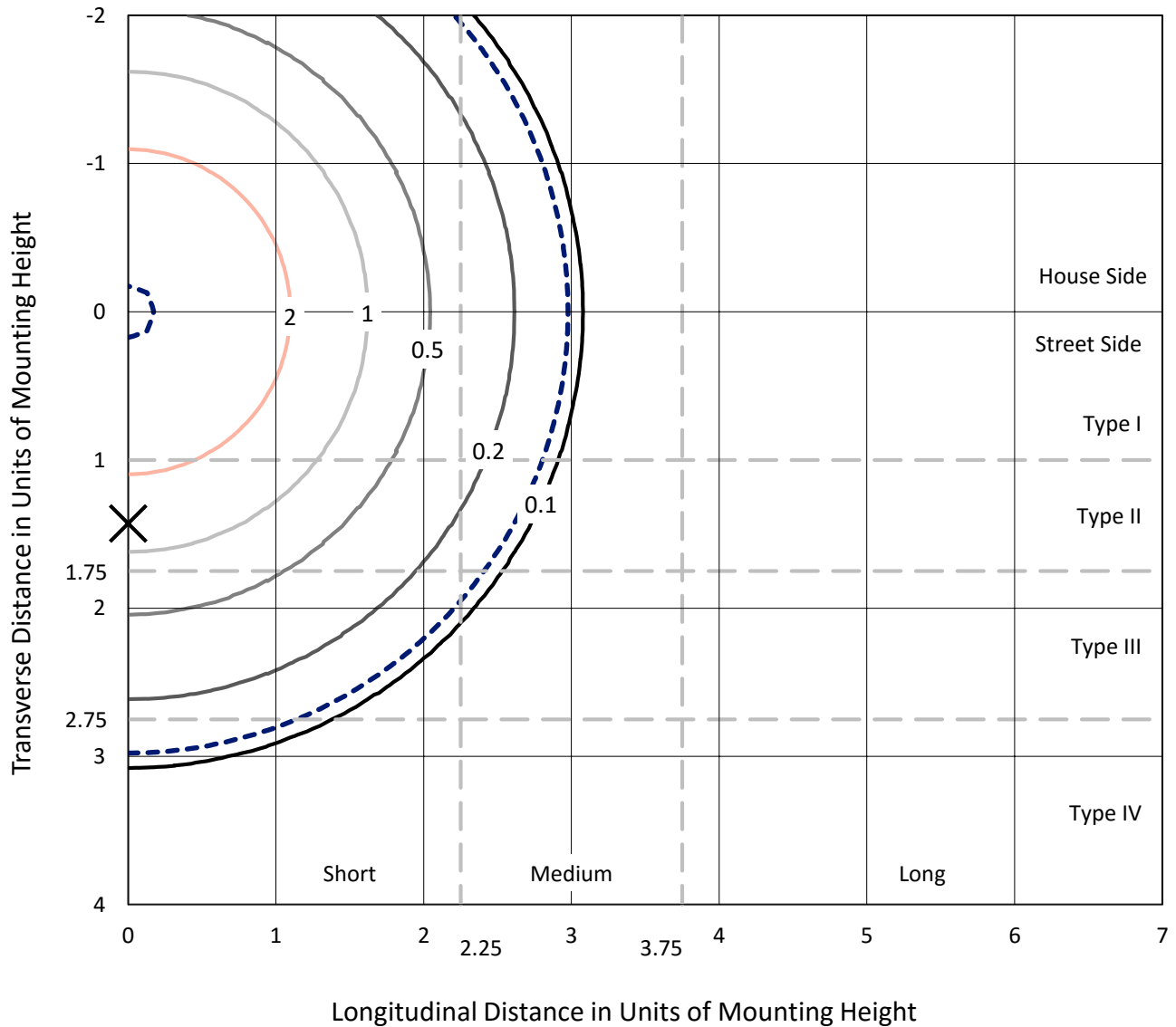
Lumens per Lamp: 4800 (1 lamp)
Luminaire Lumens: 2120 lumens
Efficiency: 44.2%
Efficacy: 41.6 lumens/watt
Luminous Opening: (L: 0 ' x W: -1.33 ' x H: 0 '
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U0 - G0

Input Watts (W): 51
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

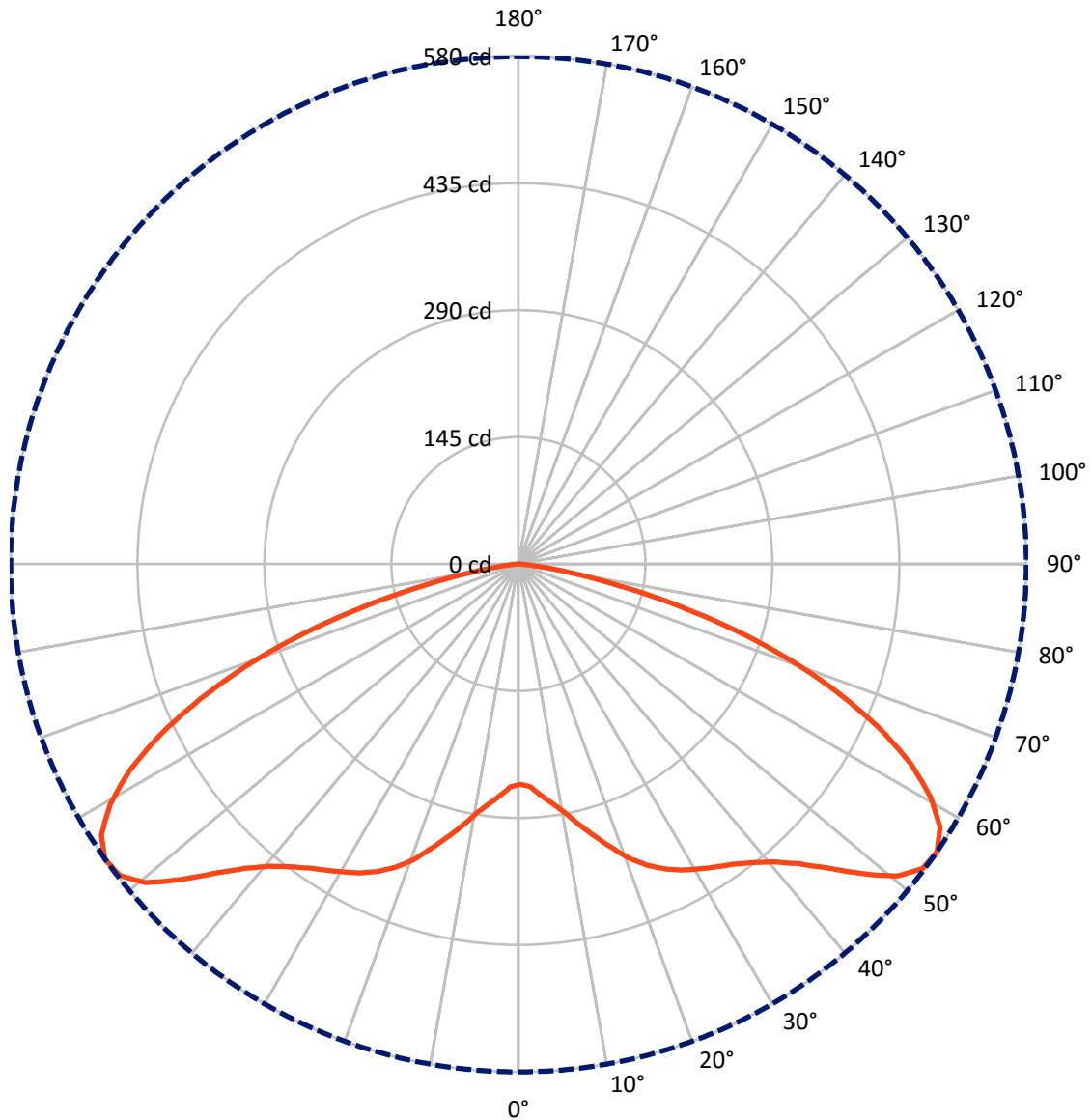
× Max cd
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 3.7 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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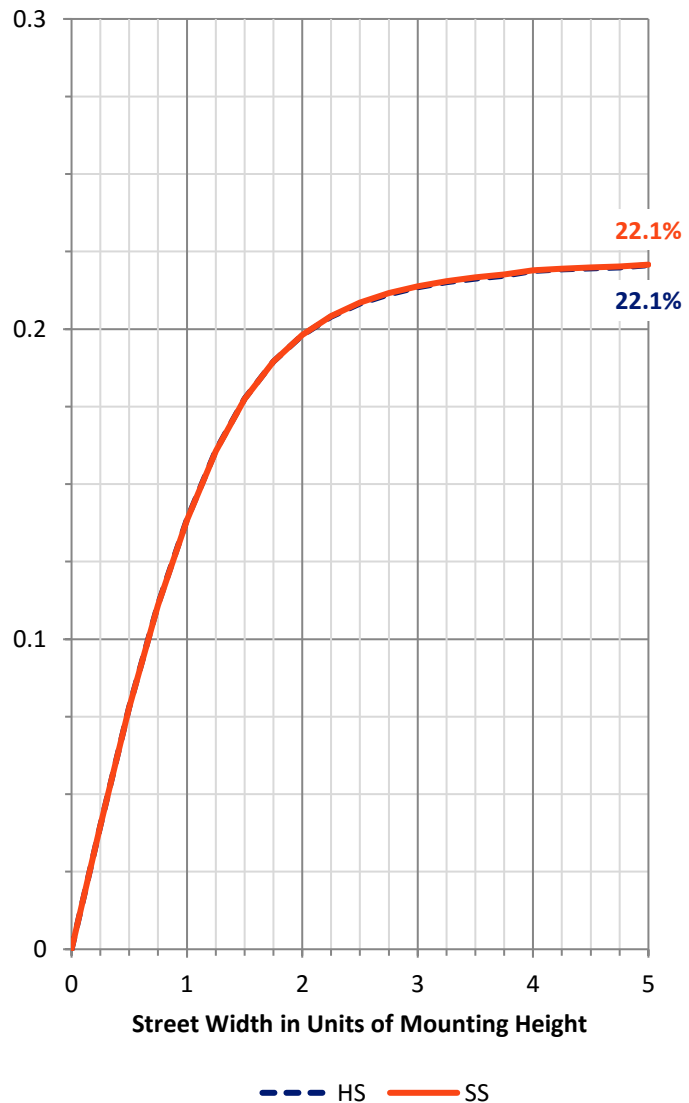
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1060.0	0.0	1060.0
	% Lamp	22.1	0.0	22.1
Street Side	Lumens	1060.0	0.0	1060.0
	% Lamp	22.1	0.0	22.1
Total	Lumens	2120.0	0.0	2120.0
	% Lamp	44.2	0.0	44.2

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	26.0	1.2	0.5
10°-20°	92.4	4.4	1.9
20°-30°	178.4	8.4	3.7
30°-40°	266.3	12.6	5.5
40°-50°	387.6	18.3	8.1
50°-60°	510.6	24.1	10.6
60°-70°	442.4	20.9	9.2
70°-80°	198.5	9.4	4.1
80°-90°	17.7	0.8	0.4
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°	2120.0	100.0	44.2
0°-180°	2120.0	100.0	44.2

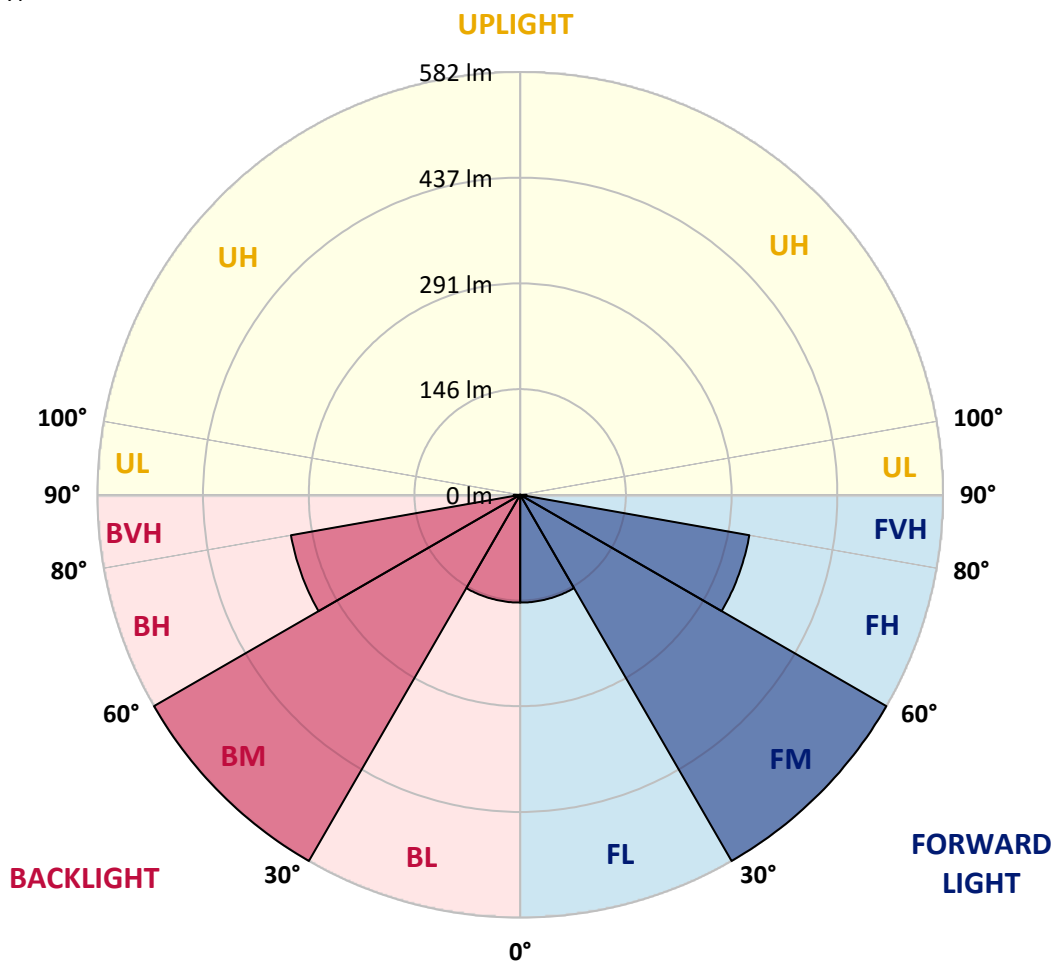


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	148.4	3.1			
FM (30°-60°)	582.3	12.1			
FH (60°-80°)	320.5	6.7			G0/660
FVH (80°-90°)	8.9	0.2			G0/10
BL (0°-30°)	148.4	3.1	B1/500		
BM (30°-60°)	582.3	12.1	B1/1000		
BH (60°-80°)	320.5	6.7	B1/500		G0/660
BVH (80°-90°)	8.9	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	2680.0	55.8			

BUG Rating: B1-U0-G0
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°
0°	251.7
2.5°	254.6
5°	265.2
7.5°	275.9
10°	288.4
12.5°	304.9
15°	321.8
17.5°	339.4
20°	358.2
22.5°	373.3
25°	385.7
27.5°	396.0
30°	404.3
32.5°	412.6
35°	421.4
37.5°	432.9
40°	447.2
42.5°	467.7
45°	495.3
47.5°	528.7
50°	560.5
52.5°	578.0
55°	580.2
57.5°	568.1
60°	541.1
62.5°	503.5
65°	453.7
67.5°	394.9
70°	331.3
72.5°	259.3
75°	184.7
77.5°	114.4
80°	61.3
82.5°	25.1
85°	7.6
87.5°	1.7
90°	0.5

(END OF REPORT)