

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: 19081

Luminaire Tested: **994-PT-CF2/42**

Issue Date: 3/3/2020

Test Information

Test Method: LM-66-11
Report Number: 19081
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 994-PT-CF2/42
Description: POST TOP LUMINAIRE WITH SPECULAR FACETED REFLECTOR AND CLEAR FLAT GLASS LENS
Light Source: TWO SYLVANIA 42 WATT CPFL LAMPS

CF32DT/E/IN/841. LUMEN RATING = 6400 LMS.

Ballast/Driver: -

Summary

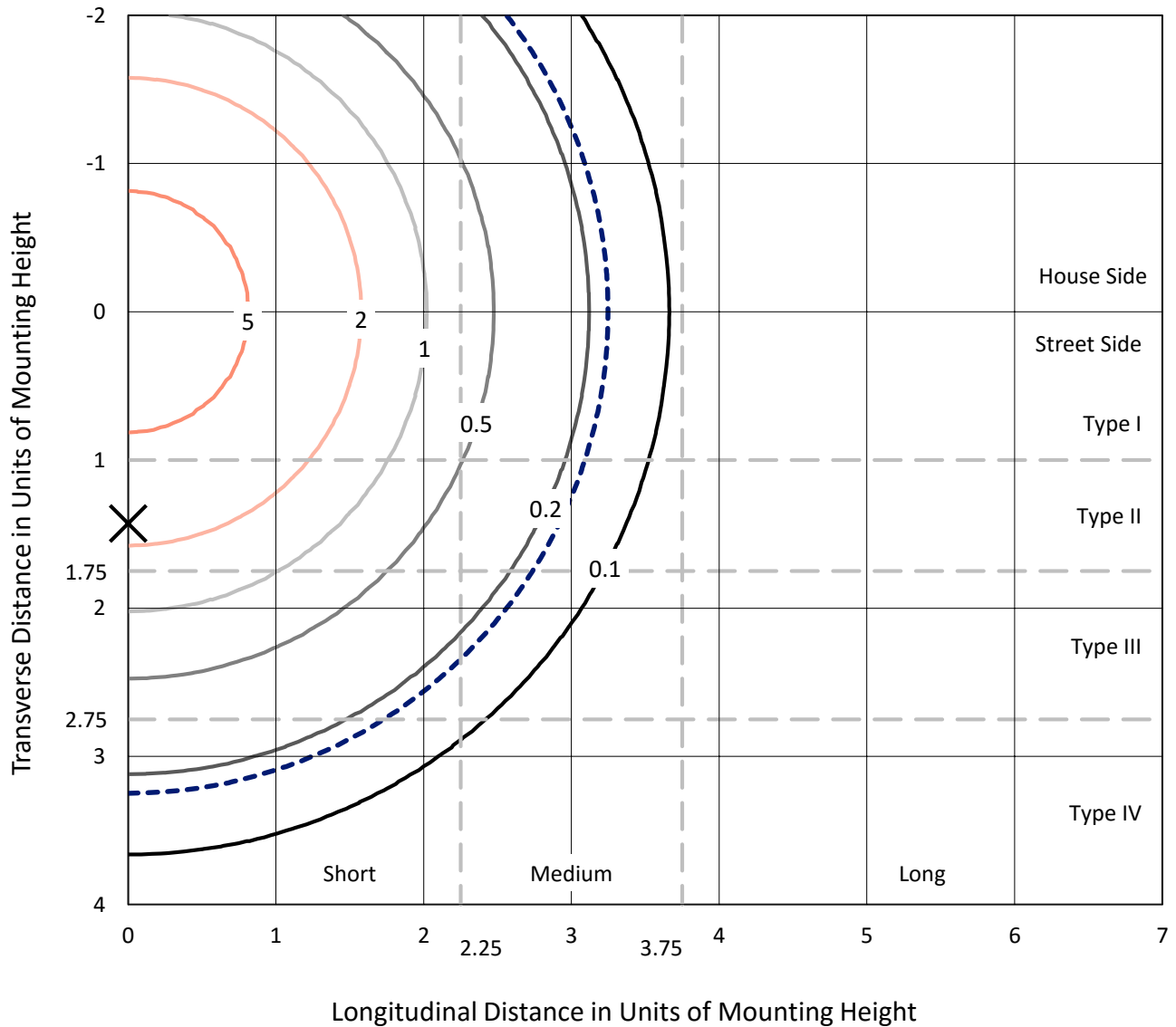
Lumens per Lamp: 6400 (1 lamp)
Luminaire Lumens: 4187.5 lumens
Efficiency: 65.4%
Efficacy: 47.1 lumens/watt
Luminous Opening: (L: 0 ' x W: -1.33 ' x H: 0 '
IES Classification: Type V - Short - Cutoff
BUG Rating: B2 - U0 - G1

Input Watts (W): 89
Input Voltage (V): NR
Input Current (A_{in}): 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

REPORT NUMBER: 19081
 CATALOG NUMBER: 994-PT-CF2/42

Iso-Footcandle Lines of Horizontal Illumination

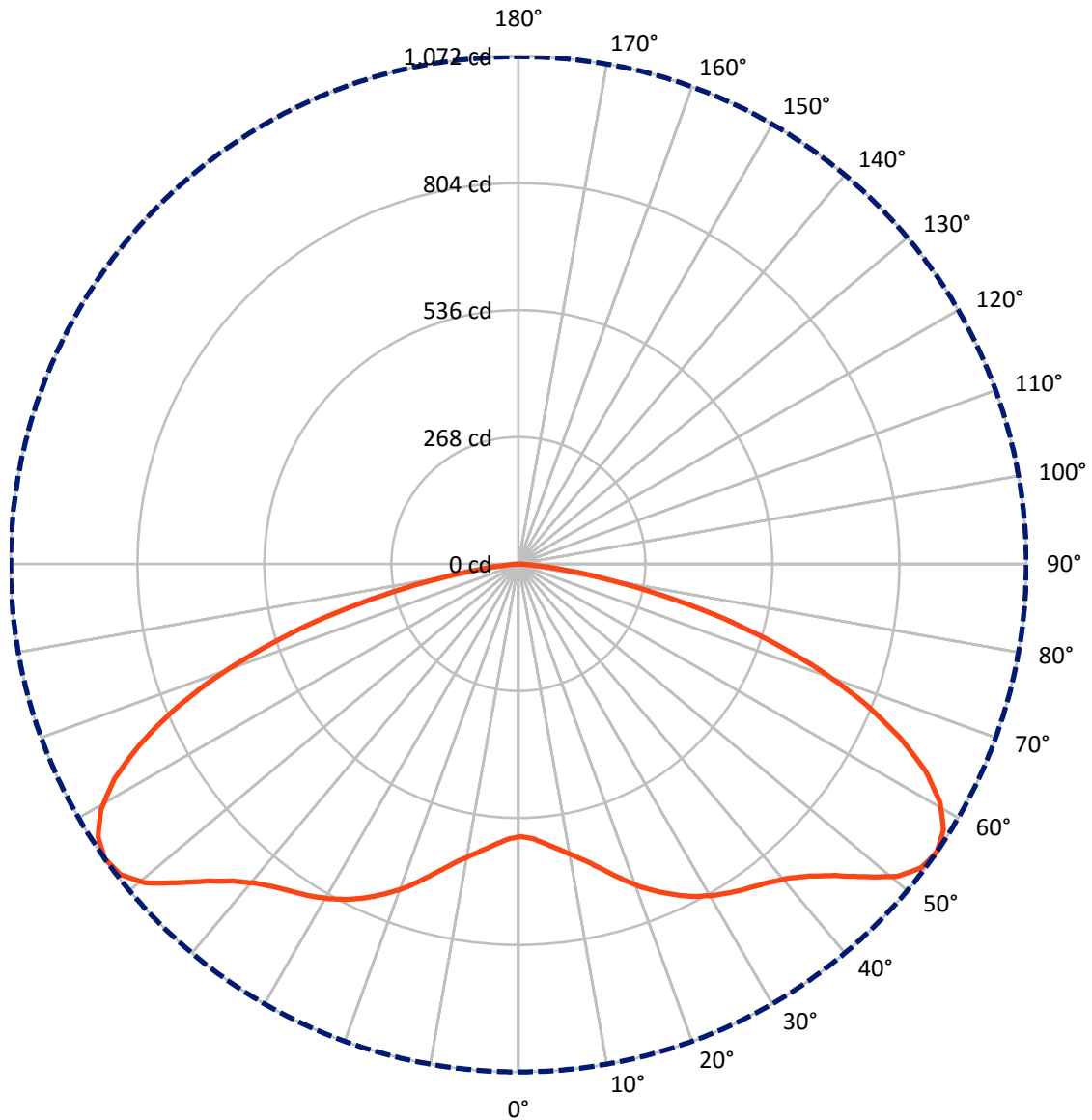
✕ Max cd
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 7.5 fc
 Type V - Short - Cutoff

REPORT NUMBER: 19081
CATALOG NUMBER: 994-PT-CF2/42

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: 19081
 CATALOG NUMBER: 994-PT-CF2/42

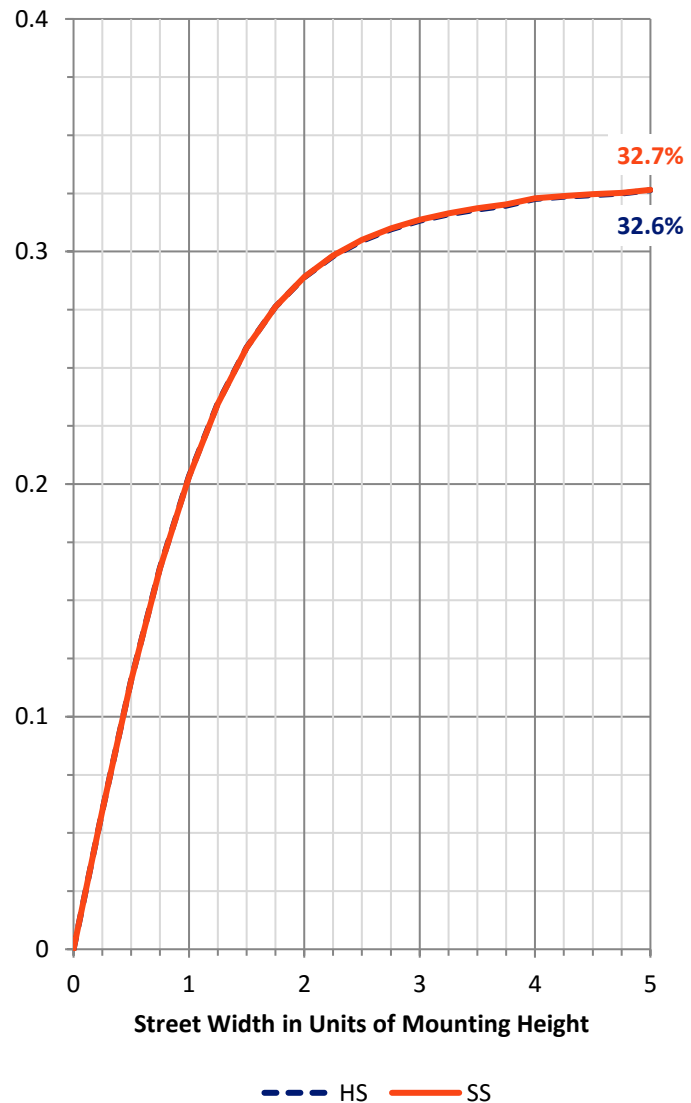
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2093.8	0.0	2093.8
	% Lamp	32.7	0.0	32.7
Street Side	Lumens	2093.8	0.0	2093.8
	% Lamp	32.7	0.0	32.7
Total	Lumens	4187.5	0.0	4187.5
	% Lamp	65.4	0.0	65.4

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	57.6	1.4	0.9
10°-20°	191.8	4.6	3.0
20°-30°	358.5	8.6	5.6
30°-40°	528.6	12.6	8.3
40°-50°	733.2	17.5	11.5
50°-60°	947.1	22.6	14.8
60°-70°	864.5	20.6	13.5
70°-80°	448.9	10.7	7.0
80°-90°	57.4	1.4	0.9
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°	4187.5	100.0	65.4
0°-180°	4187.5	100.0	65.4

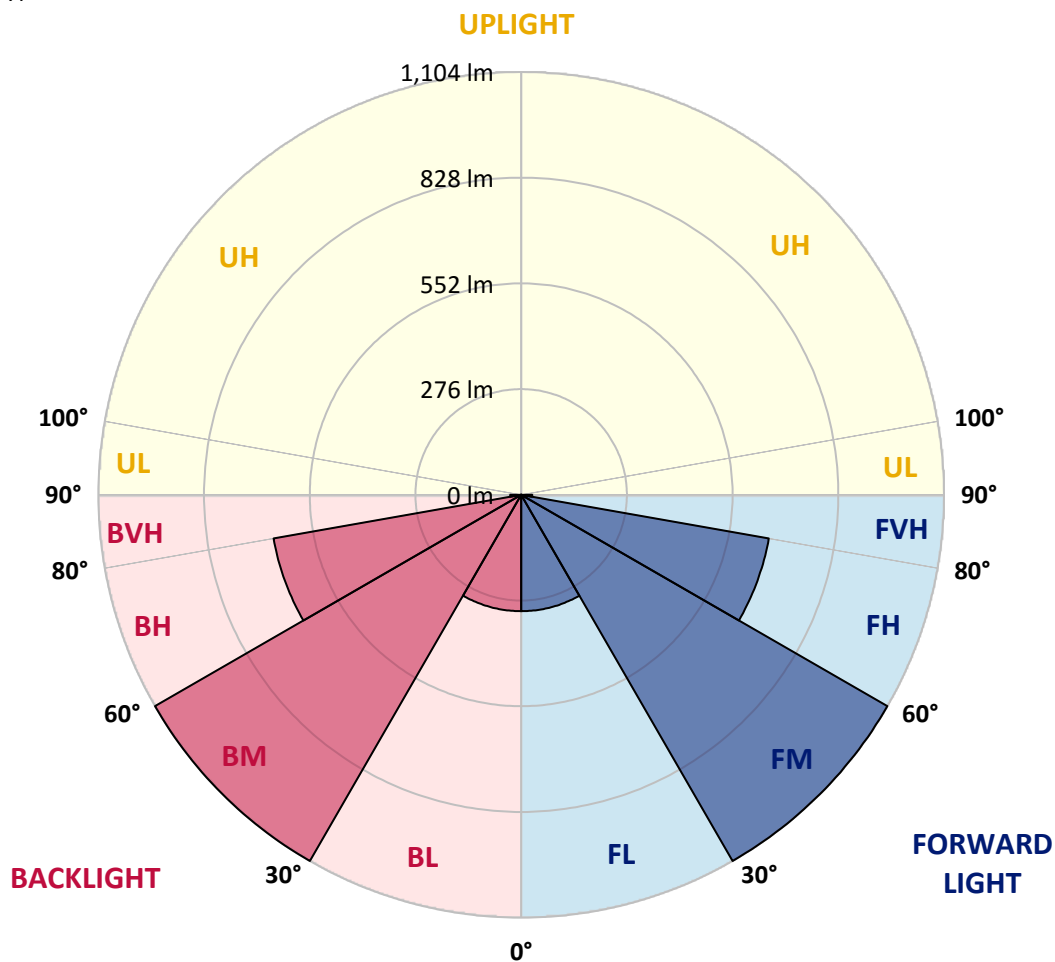


REPORT NUMBER: 19081
 CATALOG NUMBER: 994-PT-CF2/42

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	303.9	4.7			
FM	(30°-60°)	1104.4	17.3			
FH	(60°-80°)	656.7	10.3			G0/660
FVH	(80°-90°)	28.7	0.4			G1/100
BL	(0°-30°)	303.9	4.7	B1/500		
BM	(30°-60°)	1104.4	17.3	B2/2500		
BH	(60°-80°)	656.7	10.3	B2/1000		G0/660
BVH	(80°-90°)	28.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		2212.5	34.6			

BUG Rating: B2-U0-G1
 Type V Short



REPORT NUMBER: 19081
CATALOG NUMBER: 994-PT-CF2/42

CANDELA DISTRIBUTION (FULL):

	0°
0°	575.0
2.5°	580.2
5°	592.6
7.5°	607.7
10°	624.7
12.5°	644.1
15°	669.2
17.5°	697.3
20°	726.0
22.5°	750.7
25°	773.7
27.5°	794.6
30°	811.5
32.5°	826.3
35°	839.5
37.5°	853.4
40°	872.4
42.5°	900.0
45°	937.6
47.5°	986.1
50°	1036.3
52.5°	1064.6
55°	1071.7
57.5°	1057.5
60°	1022.2
62.5°	965.4
65°	885.3
67.5°	790.6
70°	680.3
72.5°	555.6
75°	428.6
77.5°	291.7
80°	177.3
82.5°	85.7
85°	30.6
87.5°	6.0
90°	0.5

(END OF REPORT)