

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: SHAPER

Report Number: P237903

Luminaire Tested: **1400-DOME-80-L27-120**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P237903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P25854)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SHAPER
Catalog Number: 1400-DOME-80-L27-120
Description: SHAPER 1400 SERIES LED PENDANT DIRECT DOWNLIGHT
Light Source: LED 80CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 720.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 1.42 / 1.42 / 1.48
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

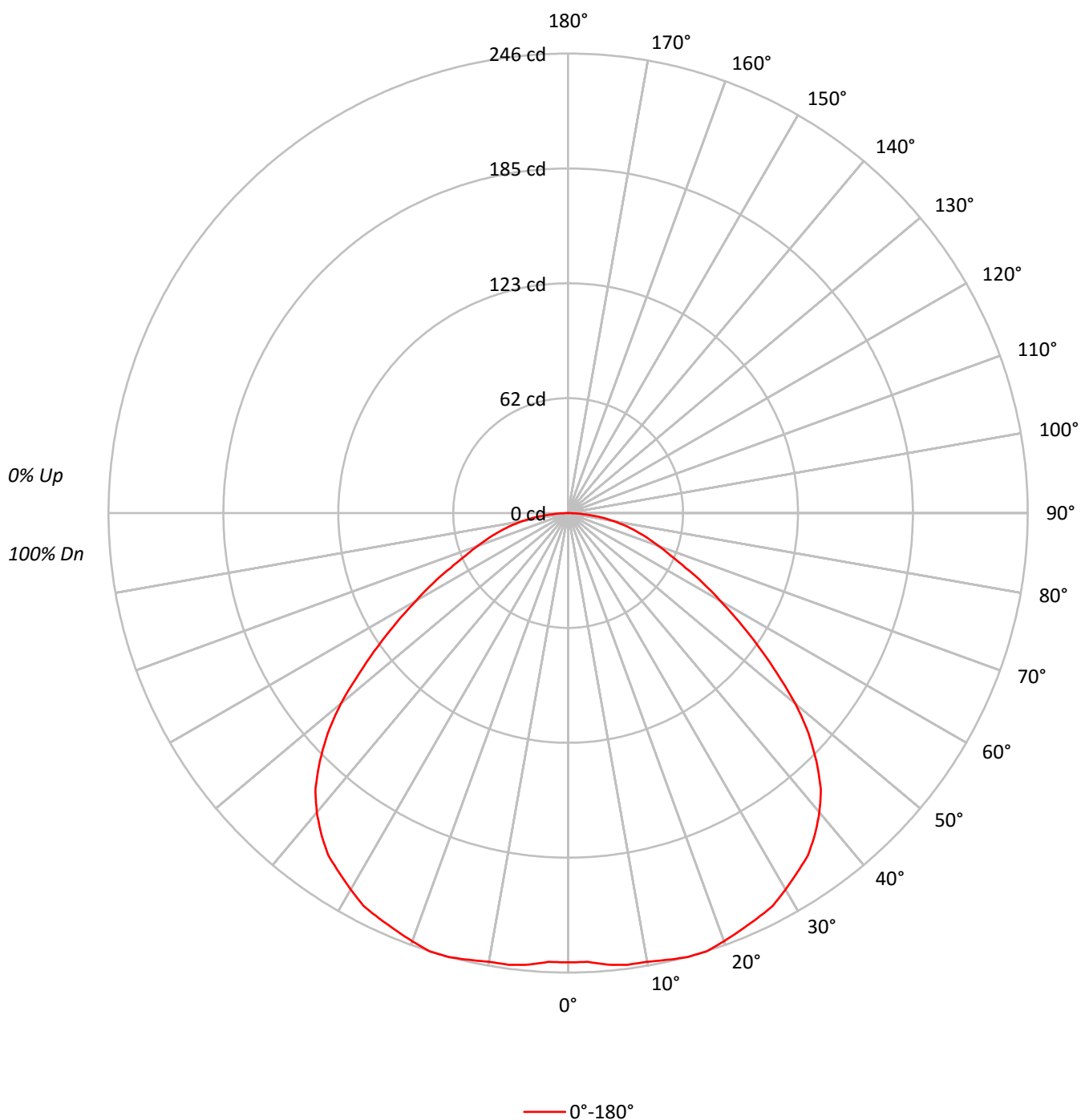
Input Watts (W): 12.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 1400-DOME-80-L27-120

Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	3.2
10°-20°	69.5	9.7
20°-30°	110.5	15.4
30°-40°	139.5	19.4
40°-50°	144.0	20.0
50°-60°	111.6	15.5
60°-70°	70.0	9.7
70°-80°	40.1	5.6
80°-90°	11.6	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	203.3	28.2
0°-40°	342.7	47.6
0°-60°	598.3	83.1
0°-90°	720.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	720.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	240	
5°	243	23
15°	246	70
25°	239	111
35°	224	139
45°	188	144
55°	124	112
65°	69	70
75°	38	40
85°	10	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	240.5
2.5°	240.5
5°	242.7
7.5°	243.9
10°	243.9
12.5°	245.0
15°	246.1
17.5°	246.1
20°	243.9
22.5°	241.6
25°	239.4
27.5°	237.1
30°	232.7
32.5°	228.2
35°	223.7
37.5°	217.0
40°	209.2
42.5°	200.2
45°	187.9
47.5°	174.5
50°	158.8
52.5°	140.9
55°	124.2
57.5°	108.5
60°	94.0
62.5°	81.7
65°	69.4
67.5°	59.3
70°	51.5
72.5°	44.7
75°	38.0
77.5°	31.3
80°	24.6
82.5°	17.9
85°	10.1
87.5°	2.2
90°	0.0

(END OF REPORT)