

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO COMMERCIAL

Report Number: P581552

Luminaire Tested: **HCC6S10D010SL-HM60525827-61MDH**

Issue Date: 9/16/2021

**Test Information**

Test Method: LM-41-14  
Report Number: P581552  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-241-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 9/16/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO COMMERCIAL  
Catalog Number: HCC6S10D010SL-HM60525827-61MDH  
Description: HALO COMMERCIAL 6" ROUND, NEW CONSTRUCTION FRAME, WITH 6" MEDIUM DISTRIBUTION, HAZE TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT  
CYLINDER  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

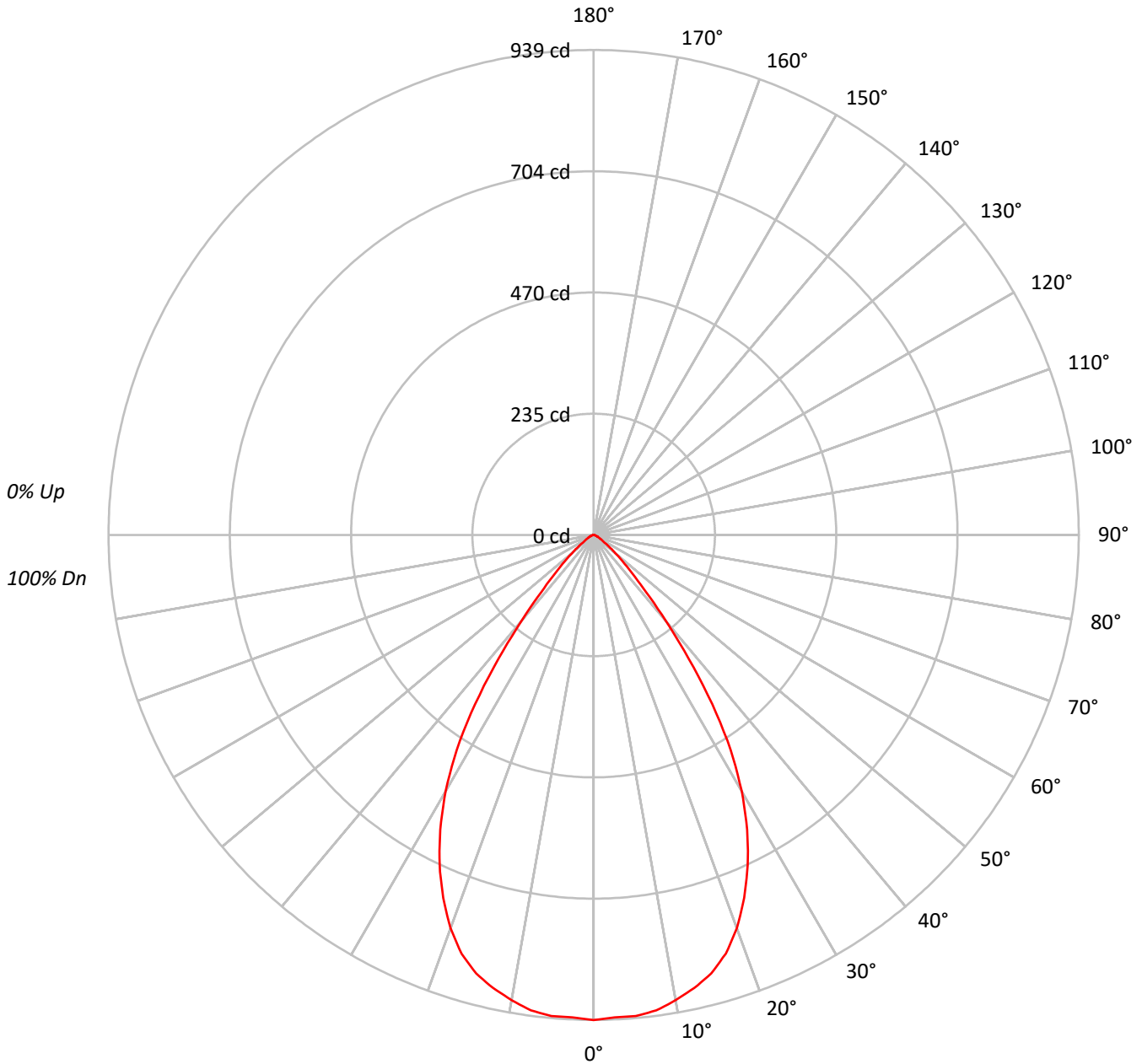
Lumens per Lamp: N/A  
Luminaire Lumens: 1028.2 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 9.9  
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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### Luminous Intensity Polar Plot







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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.6	8.6
10°-20°	245.9	23.9
20°-30°	320.9	31.2
30°-40°	245.3	23.9
40°-50°	88.8	8.6
50°-60°	25.8	2.5
60°-70°	9.2	0.9
70°-80°	3.2	0.3
80°-90°	0.6	0.1
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°	655.4	63.7
0°-40°	900.7	87.6
0°-60°	1015.2	98.7
0°-90°	1028.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1028.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	939	
5°	935	89
15°	879	246
25°	706	321
35°	400	245
45°	106	89
55°	25	26
65°	9	9
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	939.4
2.5°	935.0
5°	935.0
7.5°	928.5
10°	914.7
12.5°	898.7
15°	879.1
17.5°	850.1
20°	810.2
22.5°	760.8
25°	705.7
27.5°	643.2
30°	572.8
32.5°	493.7
35°	400.0
37.5°	302.0
40°	216.3
42.5°	149.5
45°	106.0
47.5°	76.2
50°	54.4
52.5°	38.5
55°	25.4
57.5°	18.1
60°	14.5
62.5°	11.7
65°	8.7
67.5°	7.2
70°	5.1
72.5°	3.6
75°	2.9
77.5°	2.2
80°	1.5
82.5°	0.7
85°	0.7
87.5°	0.0
90°	0.0

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— 0°-180°

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(END OF REPORT)