

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P622371

Luminaire Tested: **HLB4069WZRGBWMWR 2700K**

Issue Date: 9/27/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P622371
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 9/27/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: HLB4069WZRGBWMWR 2700K
 Description: 4 INCH HLB WiZ SELECTABLE CCT
 Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
 Ballast/Driver: -

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 600.0 lumens
 Efficiency: N/A
 Efficacy: 66.7 lumens/watt
 Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.34
 Luminous Opening: Circular (Dia: 0.25' x H: 0')
 CIE Type: Direct

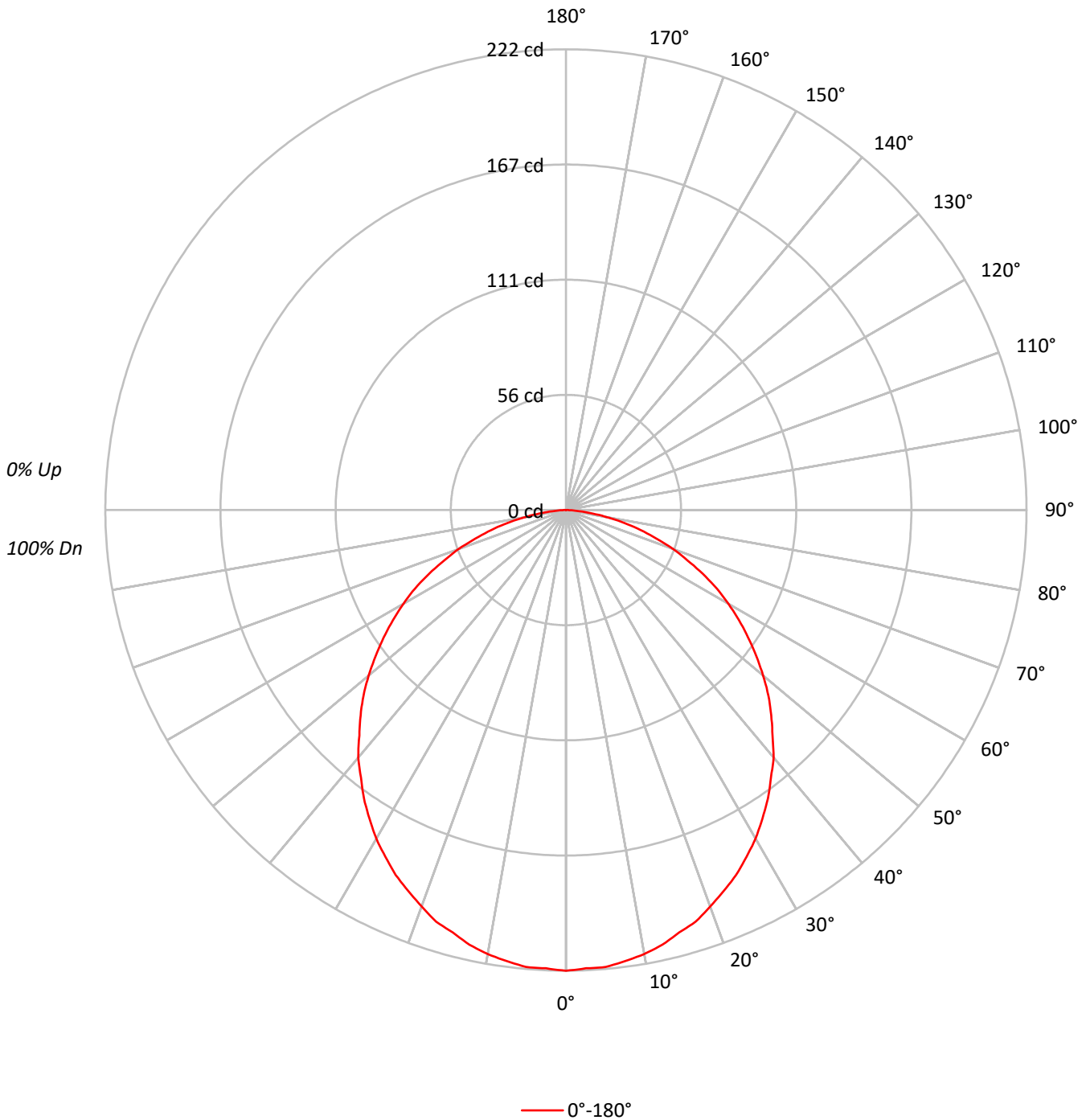
Input Watts (W): 9
 Input Voltage (V): NR
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT



Meas		Calibration Due Date	
Instrument	Identificatio		
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	3.5
10°-20°	59.6	9.9
20°-30°	89.3	14.9
30°-40°	106.1	17.7
40°-50°	108.0	18.0
50°-60°	96.0	16.0
60°-70°	72.0	12.0
70°-80°	39.5	6.6
80°-90°	8.6	1.4
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°	169.9	28.3
0°-40°	276.0	46.0
0°-60°	479.9	80.0
0°-90°	600.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	600.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	221	21
15°	211	60
25°	194	89
35°	170	106
45°	140	108
55°	107	96
65°	73	72
75°	37	39
85°	6	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	222.0
2.5°	221.1
5°	221.1
7.5°	219.2
10°	217.3
12.5°	214.6
15°	210.8
17.5°	208.0
20°	203.4
22.5°	198.7
25°	194.1
27.5°	188.4
30°	182.8
32.5°	176.2
35°	169.8
37.5°	162.3
40°	155.7
42.5°	147.4
45°	140.0
47.5°	132.4
50°	124.1
52.5°	115.7
55°	107.2
57.5°	98.9
60°	90.5
62.5°	82.1
65°	72.8
67.5°	63.4
70°	55.1
72.5°	45.7
75°	37.3
77.5°	28.9
80°	20.5
82.5°	13.1
85°	6.5
87.5°	1.8
90°	0.0

(END OF REPORT)