

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: PORTFOLIO

Report Number: P843884

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBMH**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P843884  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C08DE010B35 EU6C08B35 6LBMH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

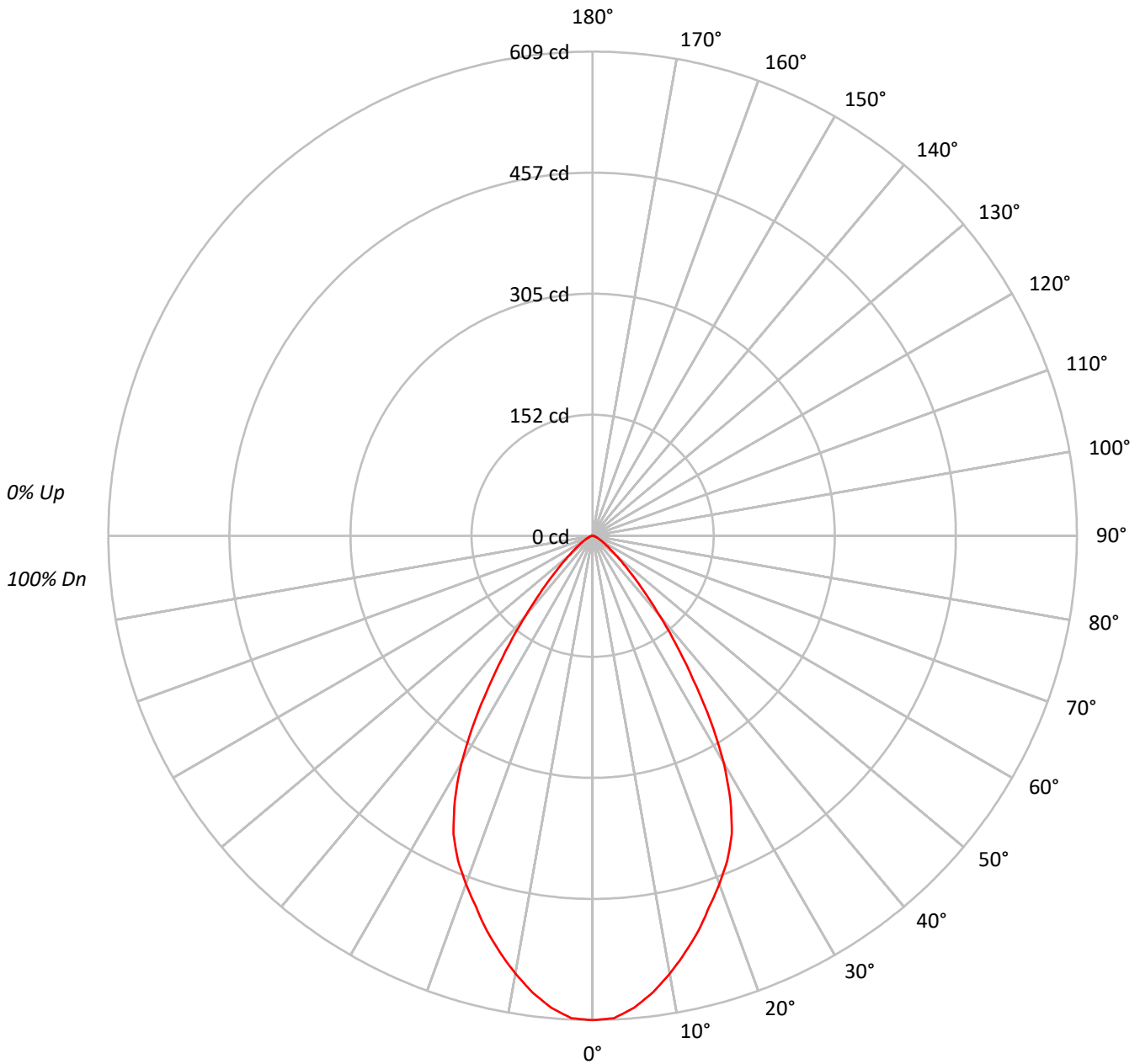
Lumens per Lamp: N/A  
Luminaire Lumens: 615.5 lumens  
Efficiency: N/A  
Efficacy: 64.1 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 9.6  
Input Voltage (V):  
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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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92	92	92	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85	85	85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78	78	78	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	53	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49	49	49	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	46	46

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	33396
5°	32798
10°	31123
15°	29183
20°	27180
25°	25048
30°	20870
35°	14710
40°	9368
45°	5590
50°	3301
55°	2103
60°	1447
65°	1025
70°	705
75°	551
80°	253
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.7	9.0
10°-20°	144.1	23.4
20°-30°	186.7	30.3
30°-40°	138.6	22.5
40°-50°	58.5	9.5
50°-60°	20.8	3.4
60°-70°	8.0	1.3
70°-80°	2.8	0.4
80°-90°	0.3	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°	386.5	62.8
0°-40°	525.1	85.3
0°-60°	604.4	98.2
0°-90°	615.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	615.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	609	
5°	596	56
15°	514	144
25°	414	187
35°	220	139
45°	72	59
55°	22	21
65°	8	8
75°	3	3
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	609.2
2.5°	607.4
5°	596.0
7.5°	579.3
10°	559.1
12.5°	537.1
15°	514.2
17.5°	488.7
20°	465.9
22.5°	442.2
25°	414.1
27.5°	375.4
30°	329.7
32.5°	276.0
35°	219.8
37.5°	172.3
40°	130.9
42.5°	97.5
45°	72.1
47.5°	52.8
50°	38.7
52.5°	29.0
55°	22.0
57.5°	16.7
60°	13.2
62.5°	9.7
65°	7.9
67.5°	6.1
70°	4.4
72.5°	3.5
75°	2.6
77.5°	1.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)