

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: P843883

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBMGPH**

Issue Date: 5/7/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P843883  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C08DE010B35 EU6C08B35 6LBMGPH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

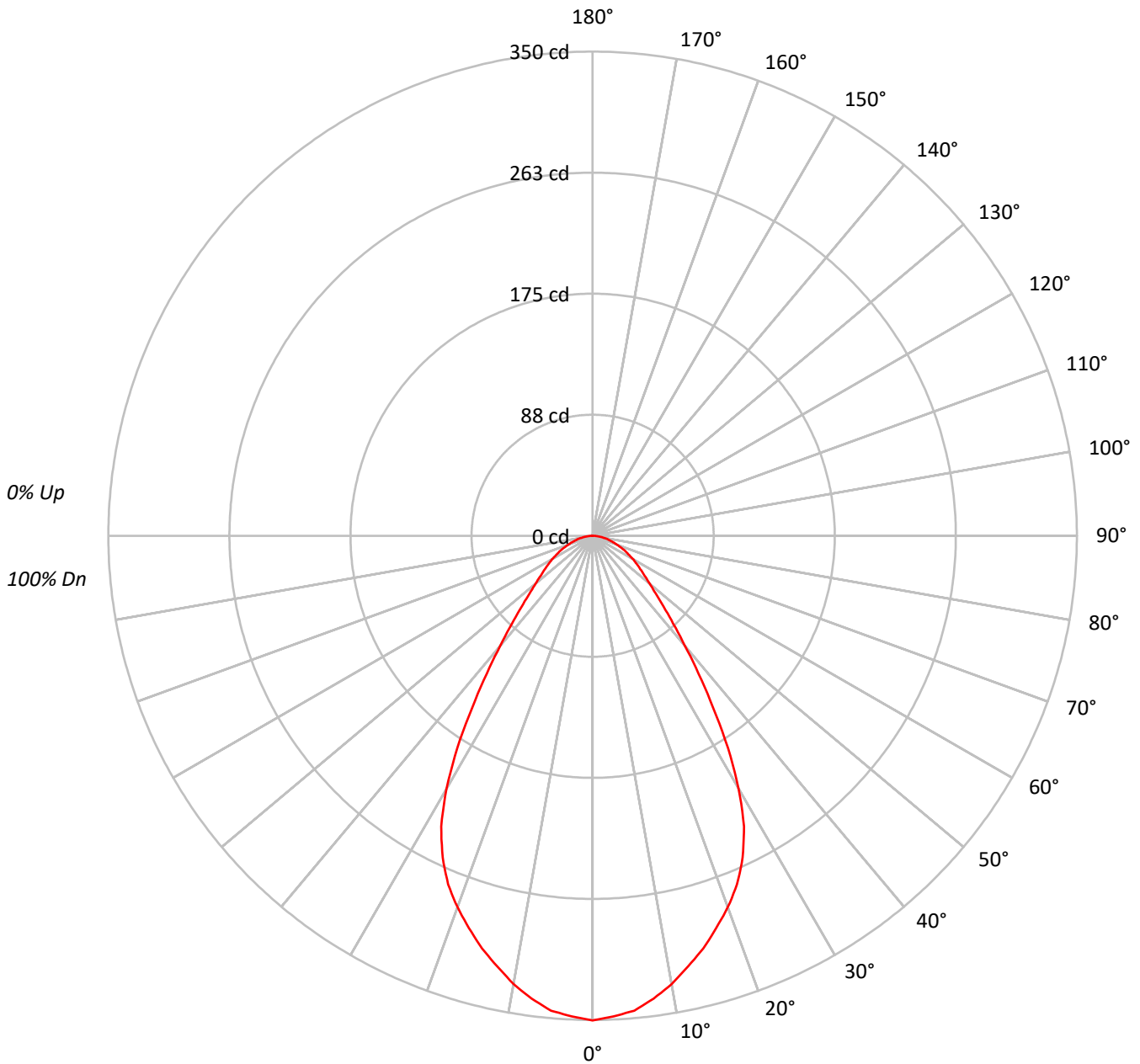
Lumens per Lamp: N/A  
Luminaire Lumens: 469.6 lumens  
Efficiency: N/A  
Efficacy: 48.9 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

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

	0°
0°	19209
5°	18963
10°	18314
15°	17531
20°	16667
25°	15515
30°	13363
35°	10146
40°	7414
45°	5628
50°	4580
55°	4024
60°	3684
65°	3360
70°	3013
75°	2732
80°	2462
85°	2076



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.4	6.9
10°-20°	86.7	18.5
20°-30°	116.4	24.8
30°-40°	95.5	20.3
40°-50°	57.4	12.2
50°-60°	38.1	8.1
60°-70°	25.5	5.4
70°-80°	13.7	2.9
80°-90°	3.9	0.8
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°	235.5	50.1
0°-40°	331.0	70.5
0°-60°	426.4	90.8
0°-90°	469.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	350	
5°	345	32
15°	309	87
25°	256	116
35°	152	95
45°	73	57
55°	42	38
65°	26	26
75°	13	14
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	350.4
2.5°	347.7
5°	344.6
7.5°	337.5
10°	329.0
12.5°	318.7
15°	308.9
17.5°	297.3
20°	285.7
22.5°	272.7
25°	256.5
27.5°	237.0
30°	211.1
32.5°	182.0
35°	151.6
37.5°	125.6
40°	103.6
42.5°	86.2
45°	72.6
47.5°	61.6
50°	53.7
52.5°	47.3
55°	42.1
57.5°	37.5
60°	33.6
62.5°	29.2
65°	25.9
67.5°	22.0
70°	18.8
72.5°	15.5
75°	12.9
77.5°	10.4
80°	7.8
82.5°	5.8
85°	3.3
87.5°	1.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)