

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: P844413

Luminaire Tested: **LD6C35DE010B40 EU6C35B40 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844413  
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: LD6C35DE010B40 EU6C35B40 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

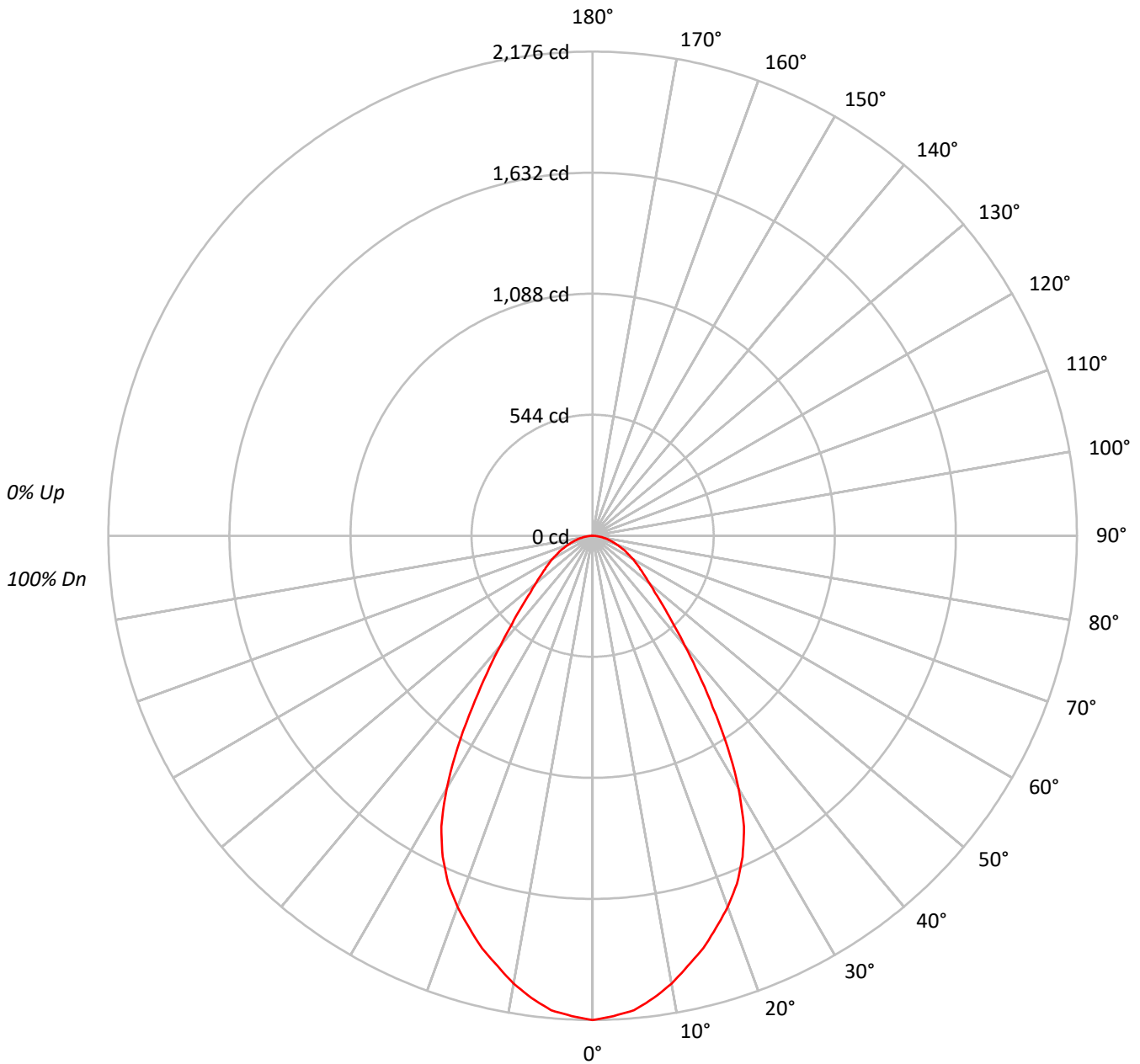
Lumens per Lamp: N/A  
Luminaire Lumens: 2917.0 lumens  
Efficiency: N/A  
Efficacy: 70.0 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 41.7  
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
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

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

	0°
0°	119316
5°	117780
10°	113770
15°	108917
20°	103510
25°	96368
30°	83019
35°	63008
40°	46065
45°	34934
50°	28485
55°	24984
60°	22937
65°	20884
70°	18705
75°	17051
80°	15248
85°	12643



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	201.1	6.9
10°-20°	538.6	18.5
20°-30°	723.1	24.8
30°-40°	593.2	20.3
40°-50°	356.2	12.2
50°-60°	236.7	8.1
60°-70°	158.7	5.4
70°-80°	85.4	2.9
80°-90°	24.1	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°	1462.7	50.1
0°-40°	2055.9	70.5
0°-60°	2648.8	90.8
0°-90°	2917.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2917.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2176	
5°	2140	201
15°	1919	539
25°	1593	723
35°	942	593
45°	451	356
55°	261	237
65°	161	159
75°	80	85
85°	20	24
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2176.5
2.5°	2160.4
5°	2140.3
7.5°	2096.1
10°	2043.8
12.5°	1979.4
15°	1919.1
17.5°	1846.6
20°	1774.3
22.5°	1693.8
25°	1593.2
27.5°	1472.4
30°	1311.5
32.5°	1130.5
35°	941.5
37.5°	780.5
40°	643.7
42.5°	535.1
45°	450.6
47.5°	382.2
50°	334.0
52.5°	293.7
55°	261.4
57.5°	233.3
60°	209.2
62.5°	181.1
65°	161.0
67.5°	136.9
70°	116.7
72.5°	96.6
75°	80.5
77.5°	64.3
80°	48.3
82.5°	36.2
85°	20.1
87.5°	8.0
90°	0.0



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— 0°-180°







(END OF REPORT)