

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: P844387

Luminaire Tested: **LD6C35DE010B2750 EU6C35B35 6LBCSMMS**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844387  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C35DE010B2750 EU6C35B35 6LBCSMMS  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

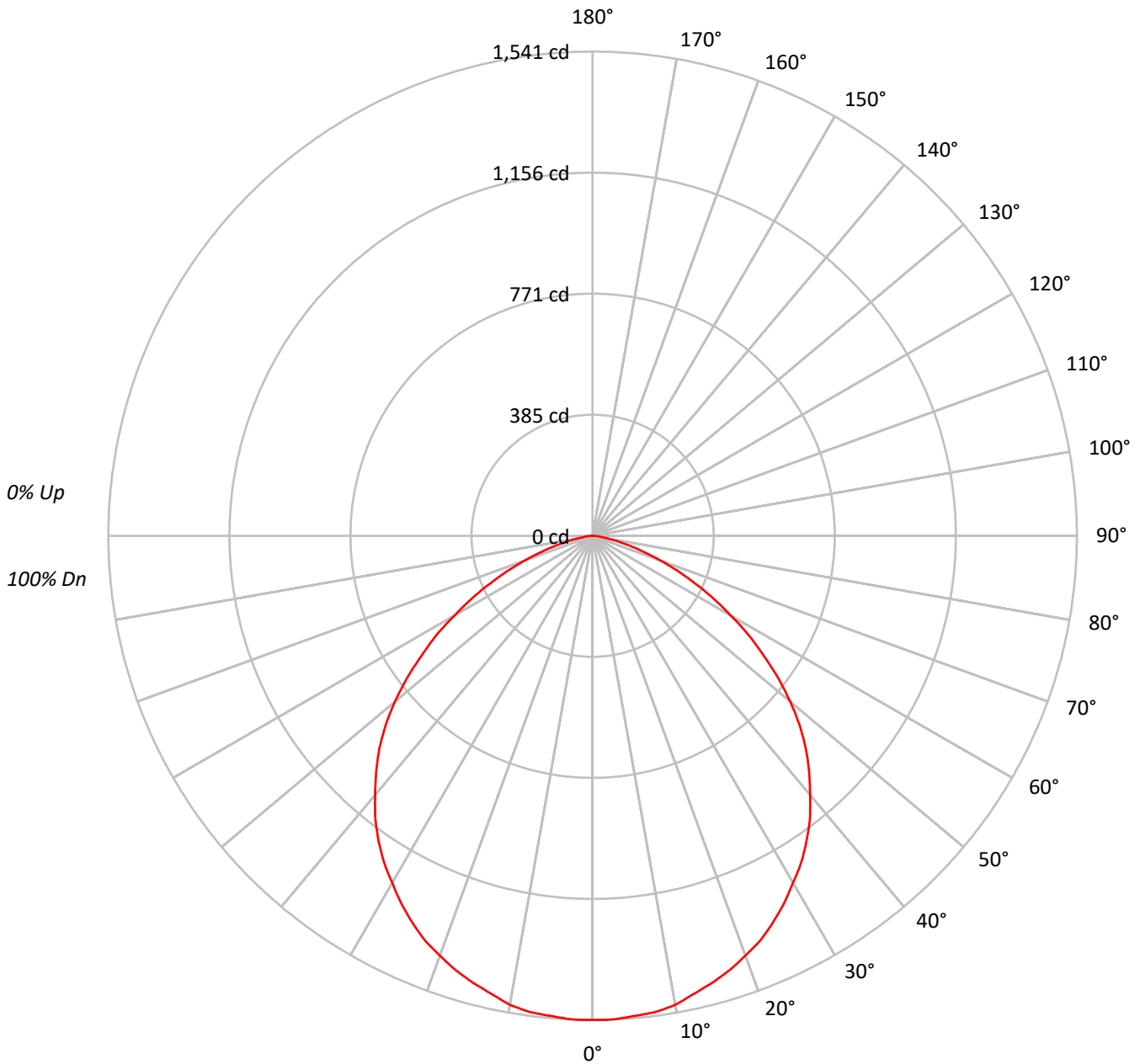
Lumens per Lamp: N/A  
Luminaire Lumens: 3772.5 lumens  
Efficiency: N/A  
Efficacy: 90.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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				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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

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

	0°
0°	84478
5°	84410
10°	84373
15°	83565
20°	82963
25°	82136
30°	80740
35°	79418
40°	77066
45°	74450
50°	70002
55°	63376
60°	55621
65°	46840
70°	36657
75°	25692
80°	14396
85°	10001



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.0	3.9
10°-20°	415.6	11.0
20°-30°	625.2	16.6
30°-40°	741.0	19.6
40°-50°	737.4	19.5
50°-60°	594.4	15.8
60°-70°	359.5	9.5
70°-80°	133.5	3.5
80°-90°	19.8	0.5
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°	1186.8	31.5
0°-40°	1927.9	51.1
0°-60°	3259.6	86.4
0°-90°	3772.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3772.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1541	
5°	1534	146
15°	1472	416
25°	1358	625
35°	1187	741
45°	960	737
55°	663	594
65°	361	360
75°	121	134
85°	16	20
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1541.0
2.5°	1541.0
5°	1533.9
7.5°	1529.5
10°	1515.7
12.5°	1492.7
15°	1472.4
17.5°	1449.5
20°	1422.1
22.5°	1394.4
25°	1357.9
27.5°	1319.1
30°	1275.5
32.5°	1234.7
35°	1186.7
37.5°	1136.3
40°	1076.9
42.5°	1019.5
45°	960.3
47.5°	893.8
50°	820.8
52.5°	745.2
55°	663.1
57.5°	589.7
60°	507.3
62.5°	434.4
65°	361.1
67.5°	292.5
70°	228.7
72.5°	171.5
75°	121.3
77.5°	77.7
80°	45.6
82.5°	27.4
85°	15.9
87.5°	6.8
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)