

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: P844431

Luminaire Tested: **LD6C35DE010B50 EU6C35B50 6LBNH**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P844431  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203666)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C35DE010B50 EU6C35B50 6LBNH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

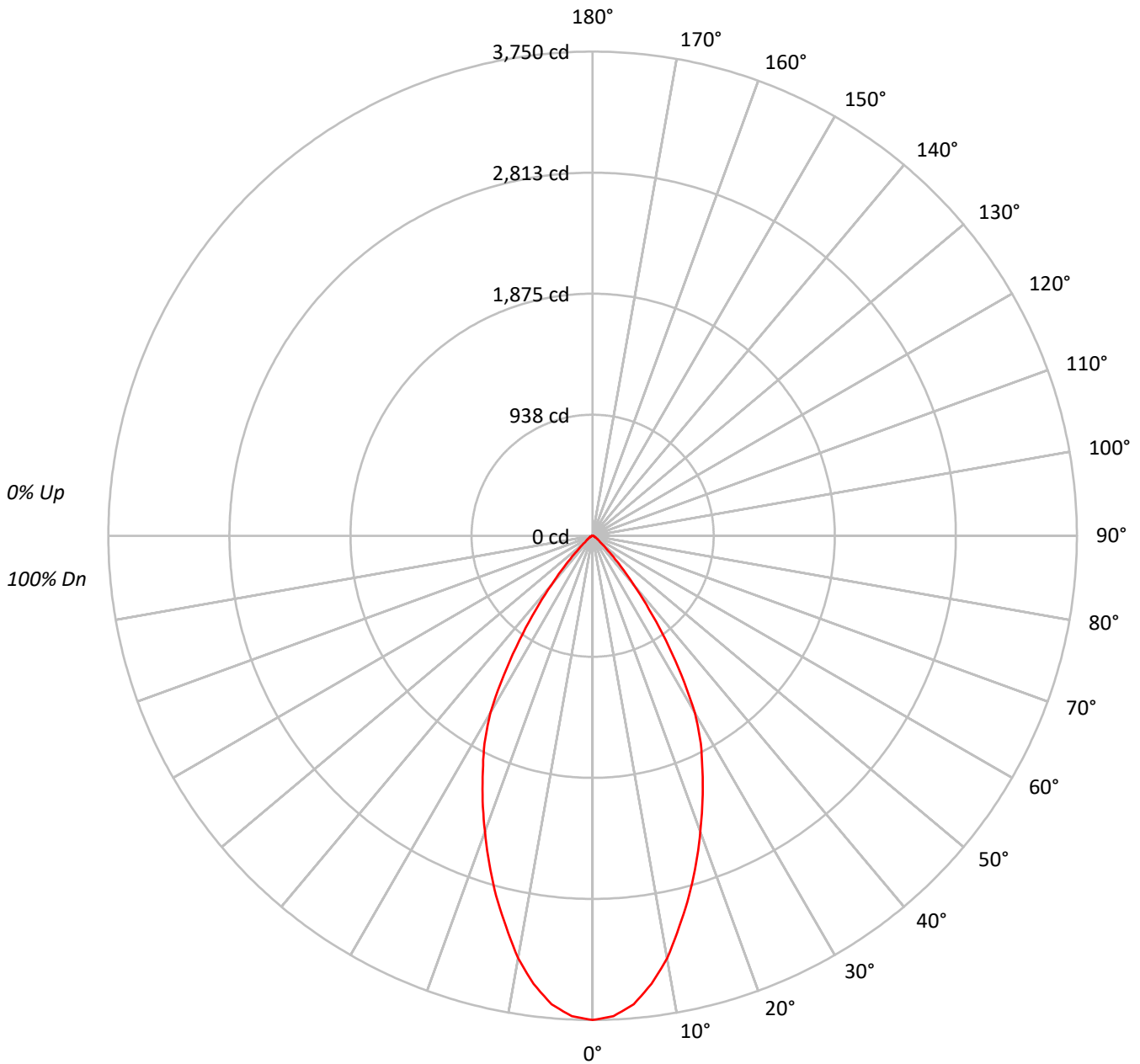
Lumens per Lamp: N/A  
Luminaire Lumens: 2925.4 lumens  
Efficiency: N/A  
Efficacy: 70.2 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.84  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75
5	92	84	78	74	91	83	78	73	81	76	73	80	75	72	78	74	72	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54
10	72	62	57	53	71	62	57	53	61	56	53	60	56	52	60	55	52	51

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

	0°
0°	205581
5°	200489
10°	185000
15°	163786
20°	142212
25°	121640
30°	100281
35°	66040
40°	35502
45°	15715
50°	6379
55°	4597
60°	2927
65°	2088
70°	1715
75°	1144
80°	1705
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	337.2	11.5
10°-20°	804.2	27.5
20°-30°	921.3	31.5
30°-40°	619.0	21.2
40°-50°	176.9	6.0
50°-60°	43.3	1.5
60°-70°	16.5	0.6
70°-80°	6.4	0.2
80°-90°	0.7	0.0
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°	2062.7	70.5
0°-40°	2681.7	91.7
0°-60°	2901.8	99.2
0°-90°	2925.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2925.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3750	
5°	3643	337
15°	2886	804
25°	2011	921
35°	987	619
45°	203	177
55°	48	43
65°	16	16
75°	5	6
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3750.1
2.5°	3723.4
5°	3643.3
7.5°	3499.3
10°	3323.4
12.5°	3099.2
15°	2885.9
17.5°	2662.0
20°	2437.7
22.5°	2224.4
25°	2011.0
27.5°	1813.6
30°	1584.2
32.5°	1280.2
35°	986.8
37.5°	720.0
40°	496.1
42.5°	325.3
45°	202.7
47.5°	122.7
50°	74.8
52.5°	58.6
55°	48.1
57.5°	37.3
60°	26.7
62.5°	21.3
65°	16.1
67.5°	10.7
70°	10.7
72.5°	5.4
75°	5.4
77.5°	5.4
80°	5.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)