

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: P844397

Luminaire Tested: **LD6C35DE010B35 EU6C35B35 6LBNH**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P844397  
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: LD6C35DE010B35 EU6C35B35 6LBNH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

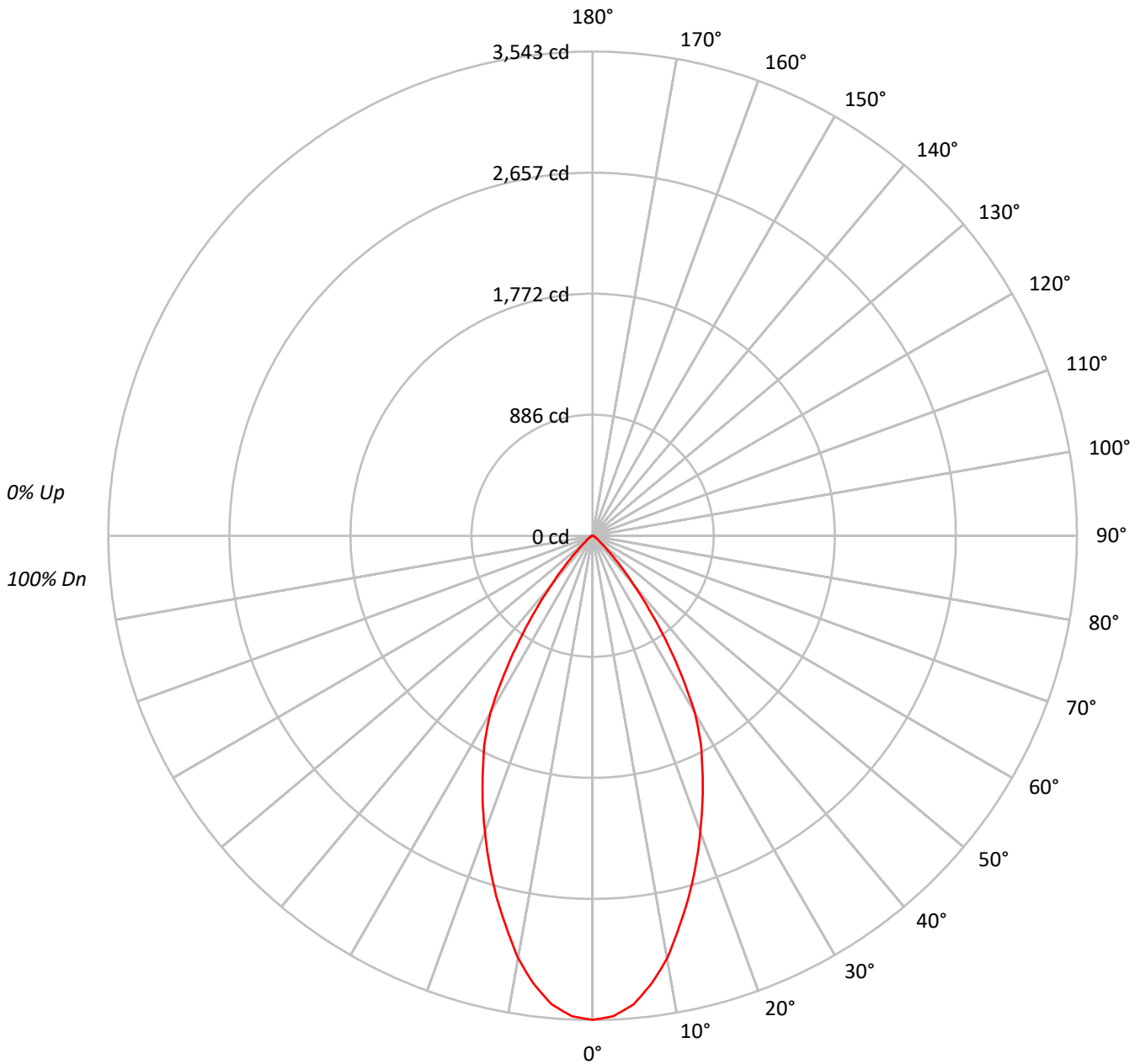
Lumens per Lamp: N/A  
Luminaire Lumens: 2763.6 lumens  
Efficiency: N/A  
Efficacy: 66.3 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.84  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	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°	194206
5°	189406
10°	174763
15°	154728
20°	134348
25°	114908
30°	94742
35°	62386
40°	33534
45°	14847
50°	6013
55°	4349
60°	2763
65°	1972
70°	1635
75°	1080
80°	1610
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	318.6	11.5
10°-20°	759.7	27.5
20°-30°	870.3	31.5
30°-40°	584.8	21.2
40°-50°	167.0	6.0
50°-60°	40.9	1.5
60°-70°	15.6	0.6
70°-80°	6.1	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°	1948.6	70.5
0°-40°	2533.4	91.7
0°-60°	2741.3	99.2
0°-90°	2763.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2763.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3543	
5°	3442	319
15°	2726	760
25°	1900	870
35°	932	585
45°	192	167
55°	46	41
65°	15	16
75°	5	6
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3542.6
2.5°	3517.5
5°	3441.9
7.5°	3305.7
10°	3139.5
12.5°	2927.7
15°	2726.3
17.5°	2514.6
20°	2302.9
22.5°	2101.4
25°	1899.7
27.5°	1713.3
30°	1496.7
32.5°	1209.4
35°	932.2
37.5°	680.3
40°	468.6
42.5°	307.3
45°	191.5
47.5°	115.8
50°	70.5
52.5°	55.4
55°	45.5
57.5°	35.3
60°	25.2
62.5°	20.1
65°	15.2
67.5°	10.2
70°	10.2
72.5°	5.1
75°	5.1
77.5°	5.1
80°	5.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)