

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: P844371

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBCSMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844371  
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 EU6C35B30 6LBSCMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

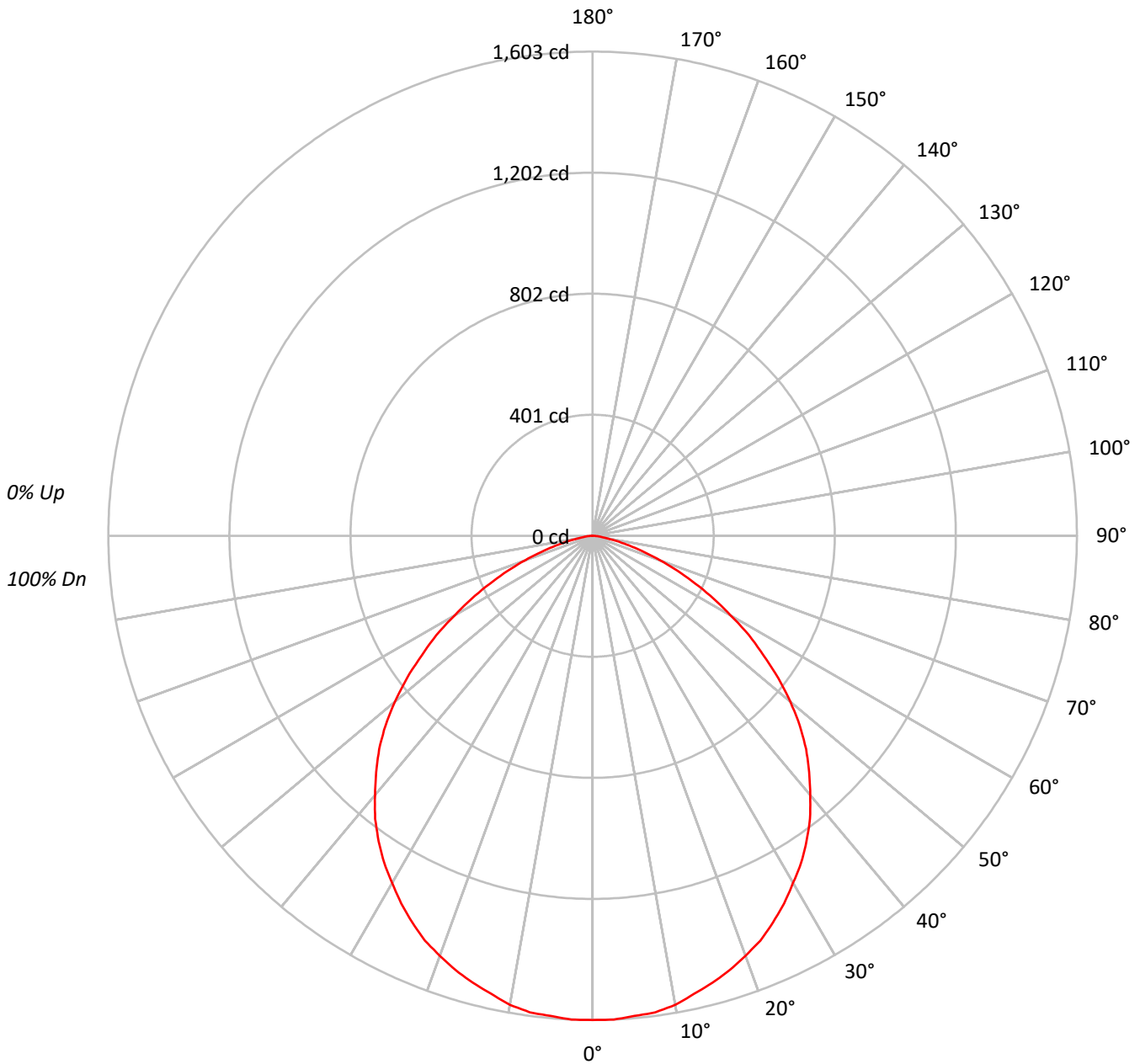
Lumens per Lamp: N/A  
Luminaire Lumens: 3924.9 lumens  
Efficiency: N/A  
Efficacy: 94.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	87893
5°	87822
10°	87774
15°	86941
20°	86312
25°	85457
30°	84000
35°	82623
40°	80179
45°	77458
50°	72825
55°	65938
60°	57879
65°	48734
70°	38147
75°	26730
80°	14996
85°	10378



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	151.9	3.9
10°-20°	432.4	11.0
20°-30°	650.5	16.6
30°-40°	771.0	19.6
40°-50°	767.2	19.5
50°-60°	618.4	15.8
60°-70°	374.1	9.5
70°-80°	139.0	3.5
80°-90°	20.6	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°	1234.8	31.5
0°-40°	2005.7	51.1
0°-60°	3391.3	86.4
0°-90°	3924.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3924.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1603	
5°	1596	152
15°	1532	432
25°	1413	650
35°	1235	771
45°	999	767
55°	690	618
65°	376	374
75°	126	139
85°	16	21
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1603.3
2.5°	1603.3
5°	1595.9
7.5°	1591.3
10°	1576.8
12.5°	1552.9
15°	1531.9
17.5°	1508.0
20°	1479.5
22.5°	1450.8
25°	1412.8
27.5°	1372.4
30°	1327.0
32.5°	1284.5
35°	1234.6
37.5°	1182.2
40°	1120.4
42.5°	1060.6
45°	999.1
47.5°	929.9
50°	853.9
52.5°	775.2
55°	689.9
57.5°	613.6
60°	527.9
62.5°	451.9
65°	375.7
67.5°	304.4
70°	238.0
72.5°	178.5
75°	126.2
77.5°	80.8
80°	47.5
82.5°	28.5
85°	16.5
87.5°	7.0
90°	0.0



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— 0°-180°







(END OF REPORT)