

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: P844359

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBMGPH**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844359  
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: LD6C35DE010B2750 EU6C35B27 6LBMGPH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

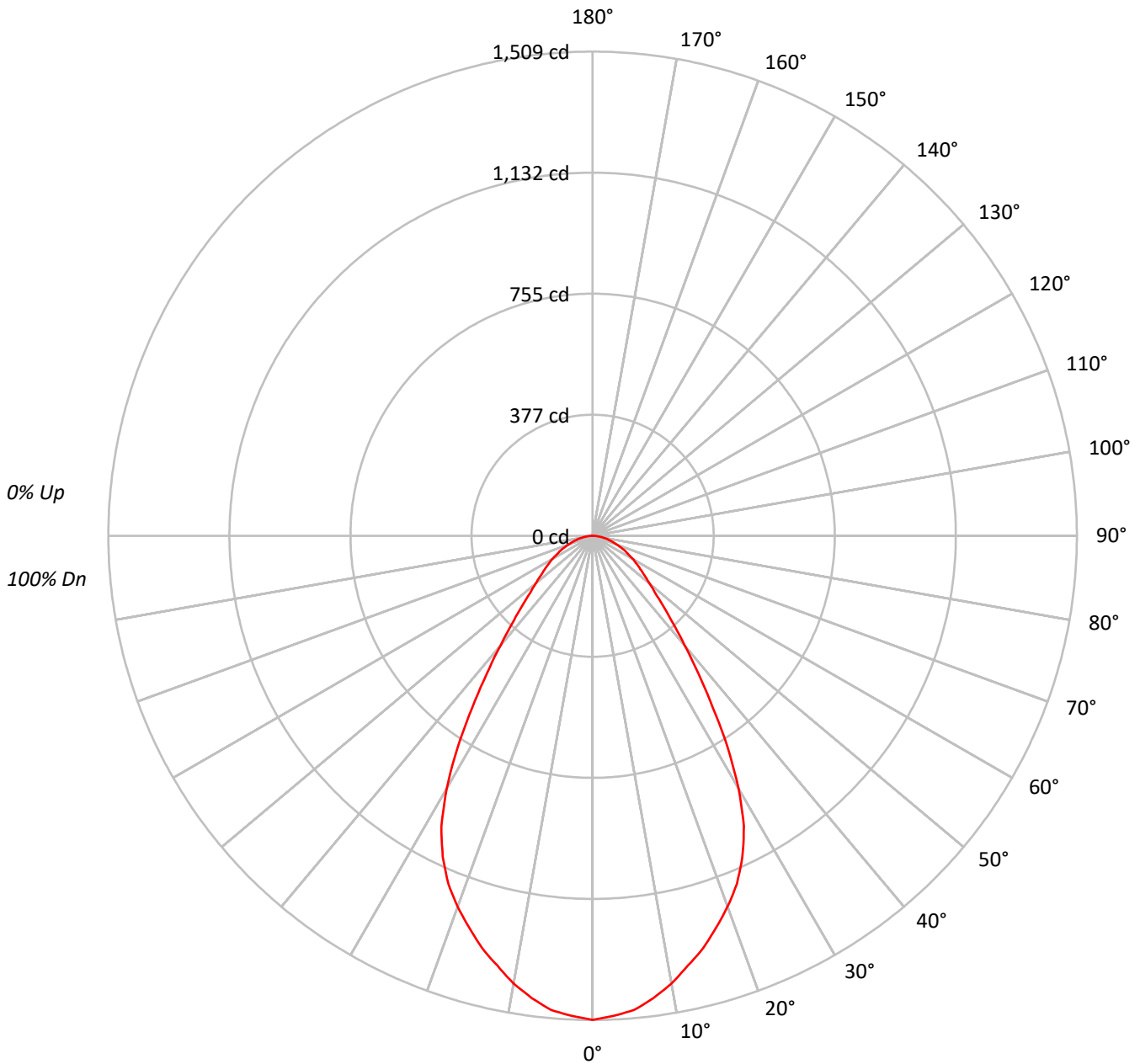
Lumens per Lamp: N/A  
Luminaire Lumens: 2022.2 lumens  
Efficiency: N/A  
Efficacy: 48.5 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

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

	0°
0°	82718
5°	81653
10°	78873
15°	75506
20°	71756
25°	66808
30°	57553
35°	43681
40°	31931
45°	24220
50°	19743
55°	17328
60°	15898
65°	14476
70°	12951
75°	11798
80°	10576
85°	8806



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	139.4	6.9
10°-20°	373.4	18.5
20°-30°	501.3	24.8
30°-40°	411.2	20.3
40°-50°	246.9	12.2
50°-60°	164.1	8.1
60°-70°	110.0	5.4
70°-80°	59.2	2.9
80°-90°	16.7	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°	1014.1	50.1
0°-40°	1425.3	70.5
0°-60°	1836.3	90.8
0°-90°	2022.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2022.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1509	
5°	1484	139
15°	1330	373
25°	1104	501
35°	653	411
45°	312	247
55°	181	164
65°	112	110
75°	56	59
85°	14	17
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1508.9
2.5°	1497.7
5°	1483.8
7.5°	1453.1
10°	1416.9
12.5°	1372.2
15°	1330.4
17.5°	1280.2
20°	1230.0
22.5°	1174.3
25°	1104.5
27.5°	1020.8
30°	909.2
32.5°	783.7
35°	652.7
37.5°	541.1
40°	446.2
42.5°	370.9
45°	312.4
47.5°	264.9
50°	231.5
52.5°	203.6
55°	181.3
57.5°	161.8
60°	145.0
62.5°	125.5
65°	111.6
67.5°	94.9
70°	80.8
72.5°	66.9
75°	55.7
77.5°	44.6
80°	33.5
82.5°	25.1
85°	14.0
87.5°	5.6
90°	0.0



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— 0°-180°







(END OF REPORT)