

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: P844430

Luminaire Tested: **LD6C35DE010B2750 EU6C35B50 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844430
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 EU6C35B50 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

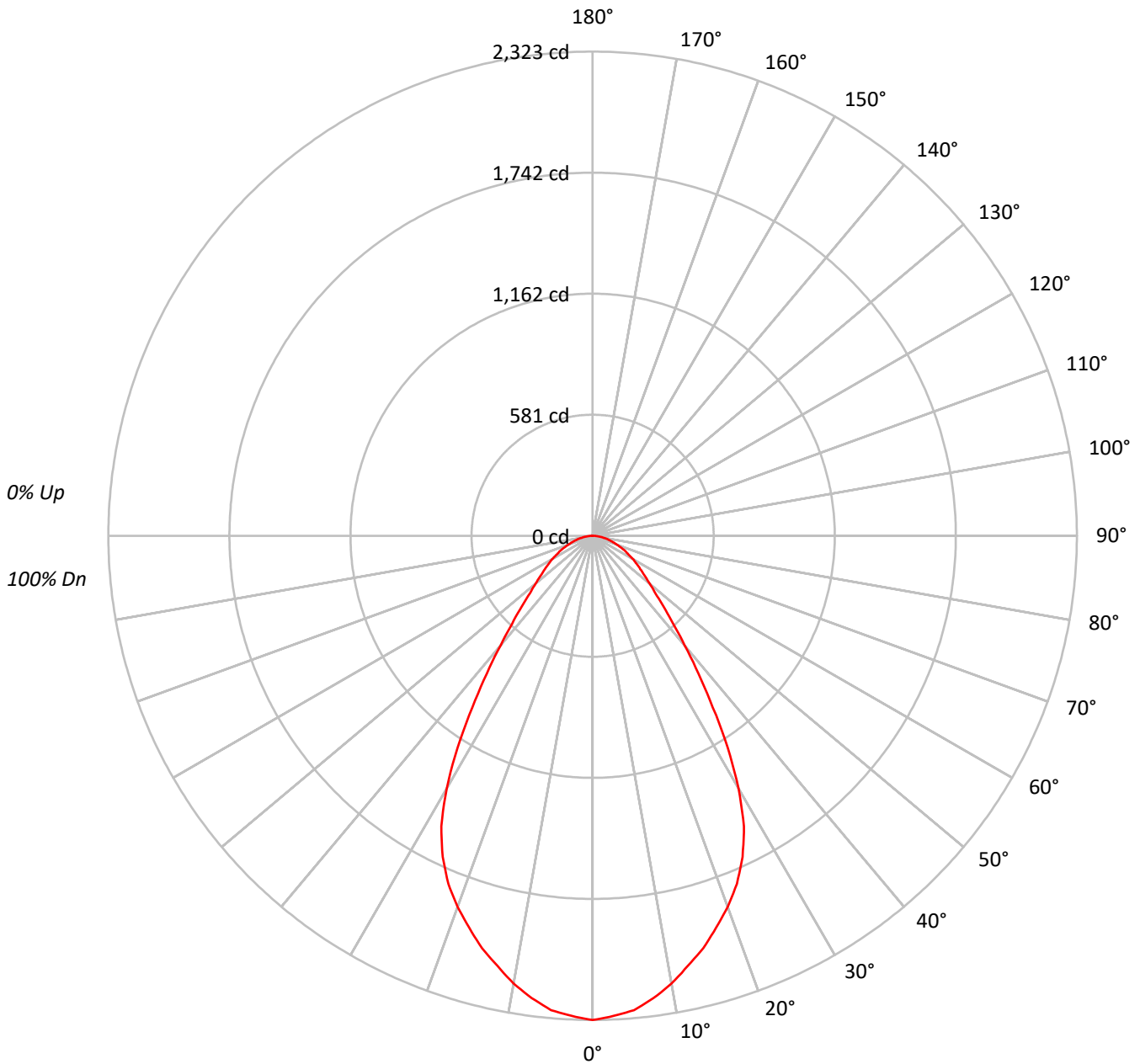
Lumens per Lamp: N/A
Luminaire Lumens: 3113.7 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	127364
5°	125726
10°	121441
15°	116261
20°	110487
25°	102871
30°	88621
35°	67258
40°	49164
45°	37291
50°	30404
55°	26675
60°	24483
65°	22298
70°	19955
75°	18194
80°	16290
85°	13523



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.6	6.9
10°-20°	574.9	18.5
20°-30°	771.9	24.8
30°-40°	633.2	20.3
40°-50°	380.2	12.2
50°-60°	252.7	8.1
60°-70°	169.4	5.4
70°-80°	91.1	2.9
80°-90°	25.7	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°	1561.4	50.1
0°-40°	2194.5	70.5
0°-60°	2827.4	90.8
0°-90°	3113.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3113.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2323	
5°	2285	215
15°	2048	575
25°	1701	772
35°	1005	633
45°	481	380
55°	279	253
65°	172	169
75°	86	91
85°	22	26
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2323.3
2.5°	2306.1
5°	2284.7
7.5°	2237.4
10°	2181.6
12.5°	2112.8
15°	2048.5
17.5°	1971.1
20°	1893.9
22.5°	1808.0
25°	1700.7
27.5°	1571.7
30°	1400.0
32.5°	1206.7
35°	1005.0
37.5°	833.1
40°	687.0
42.5°	571.2
45°	481.0
47.5°	407.9
50°	356.5
52.5°	313.5
55°	279.1
57.5°	249.1
60°	223.3
62.5°	193.2
65°	171.9
67.5°	146.1
70°	124.5
72.5°	103.0
75°	85.9
77.5°	68.6
80°	51.6
82.5°	38.6
85°	21.5
87.5°	8.6
90°	0.0



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— 0°-180°







(END OF REPORT)