

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: P844362

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844362
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 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

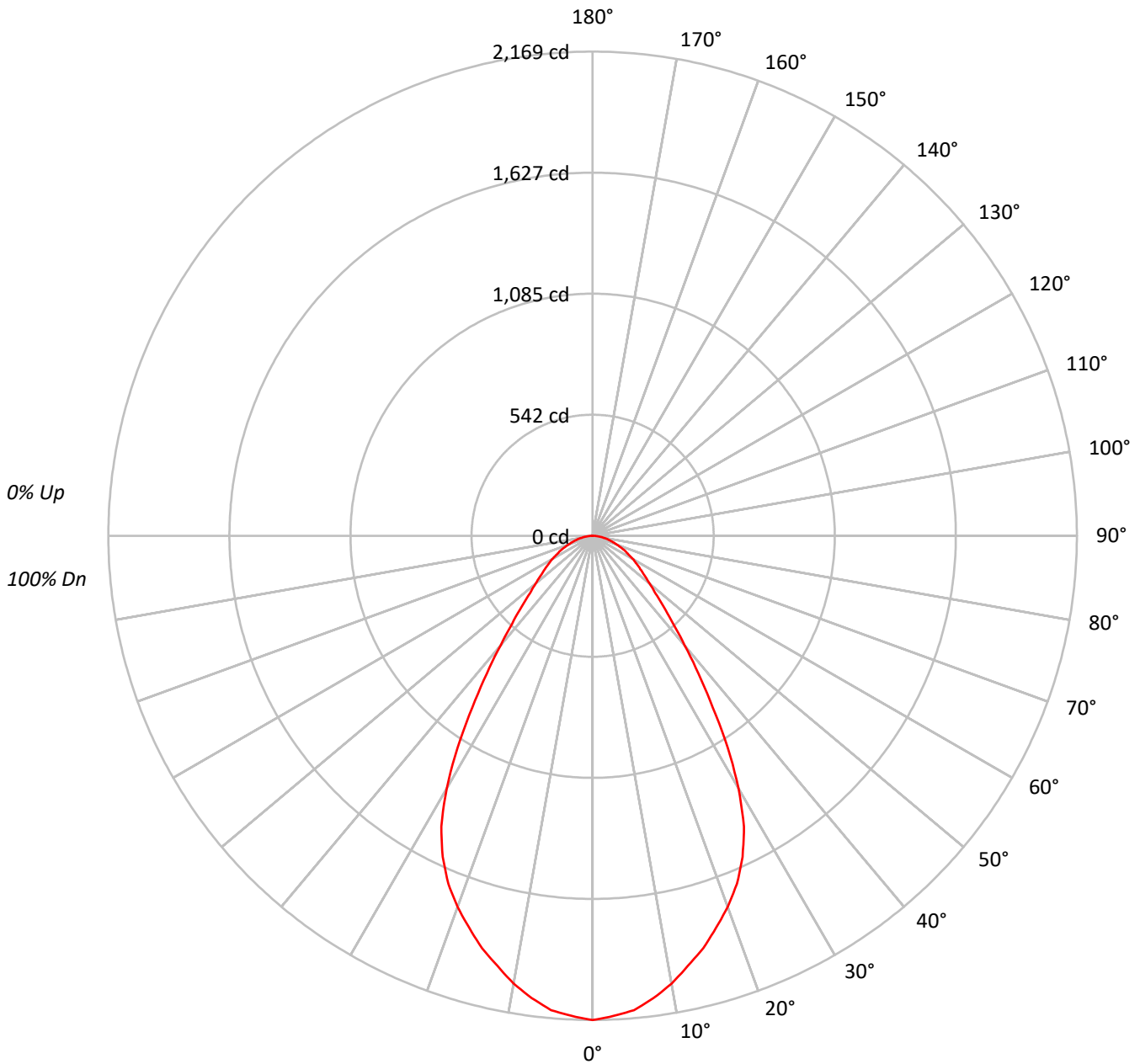
Lumens per Lamp: N/A
Luminaire Lumens: 2907.4 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	118927
5°	117400
10°	113397
15°	108559
20°	103171
25°	96054
30°	82747
35°	62794
40°	45915
45°	34818
50°	28383
55°	24907
60°	22860
65°	20806
70°	18625
75°	16987
80°	15185
85°	12580



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.4	6.9
10°-20°	536.8	18.5
20°-30°	720.8	24.8
30°-40°	591.2	20.3
40°-50°	355.1	12.2
50°-60°	235.9	8.1
60°-70°	158.1	5.4
70°-80°	85.1	2.9
80°-90°	24.0	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°	1458.0	50.1
0°-40°	2049.2	70.5
0°-60°	2640.2	90.8
0°-90°	2907.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2907.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2169	
5°	2133	200
15°	1913	537
25°	1588	721
35°	938	591
45°	449	355
55°	261	236
65°	160	158
75°	80	85
85°	20	24
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2169.4
2.5°	2153.3
5°	2133.4
7.5°	2089.2
10°	2037.1
12.5°	1972.9
15°	1912.8
17.5°	1840.6
20°	1768.5
22.5°	1688.3
25°	1588.0
27.5°	1467.7
30°	1307.2
32.5°	1126.8
35°	938.3
37.5°	777.9
40°	641.6
42.5°	533.4
45°	449.1
47.5°	381.0
50°	332.8
52.5°	292.8
55°	260.6
57.5°	232.6
60°	208.5
62.5°	180.4
65°	160.4
67.5°	136.3
70°	116.2
72.5°	96.2
75°	80.2
77.5°	64.1
80°	48.1
82.5°	36.1
85°	20.0
87.5°	8.0
90°	0.0



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— 0°-180°







(END OF REPORT)