

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: P844260

Luminaire Tested: **LD6C25DE010B50 EU6C25B50 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844260
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: LD6C25DE010B50 EU6C25B50 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

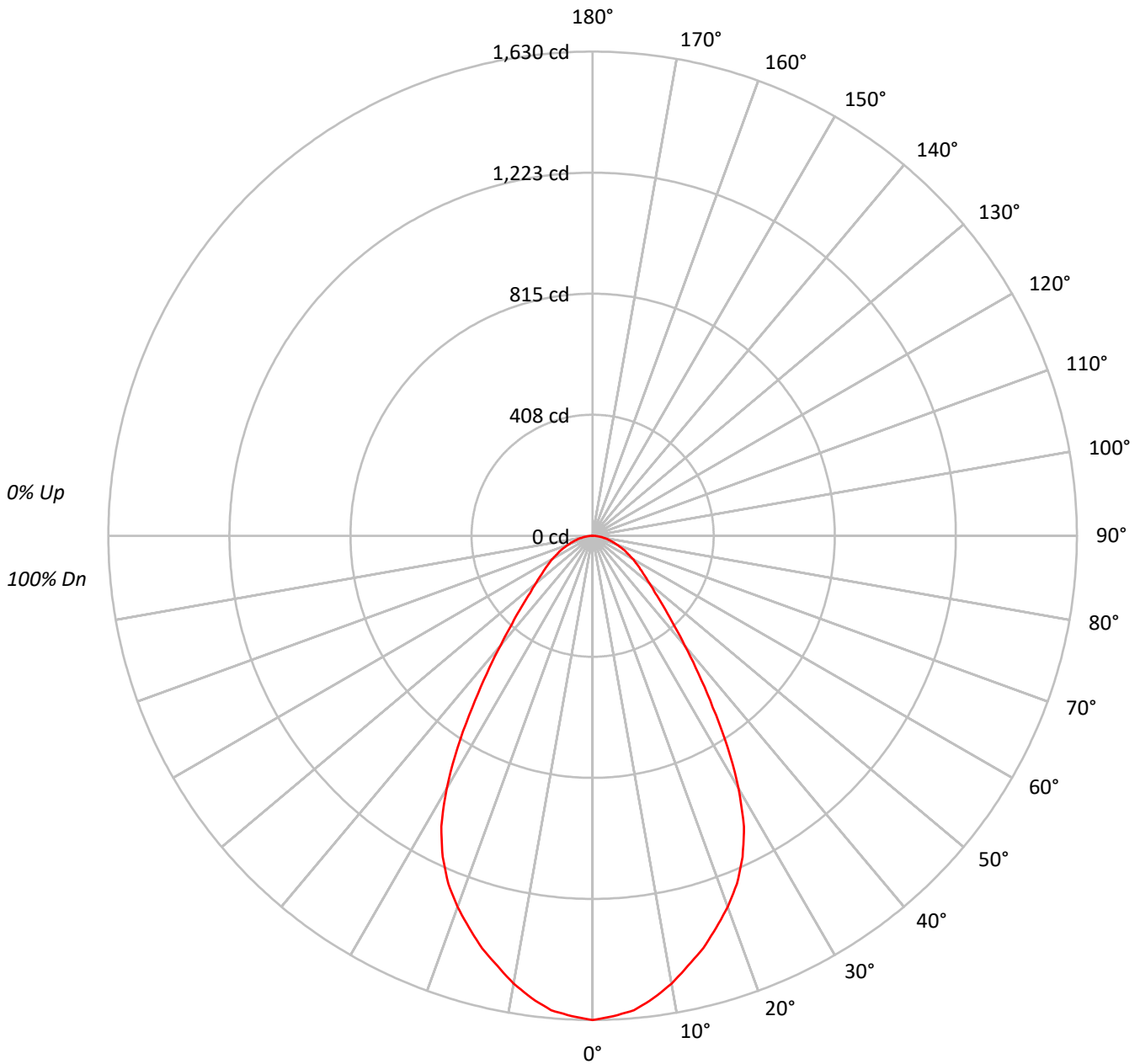
Lumens per Lamp: N/A
Luminaire Lumens: 2185.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 29.8
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°	89379
5°	88229
10°	85224
15°	81584
20°	77532
25°	72186
30°	62187
35°	47194
40°	34508
45°	26166
50°	21330
55°	18723
60°	17181
65°	15644
70°	14009
75°	12772
80°	11428
85°	9435



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.6	6.9
10°-20°	403.4	18.5
20°-30°	541.7	24.8
30°-40°	444.3	20.3
40°-50°	266.8	12.2
50°-60°	177.3	8.1
60°-70°	118.9	5.4
70°-80°	64.0	2.9
80°-90°	18.0	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°	1095.7	50.1
0°-40°	1540.0	70.5
0°-60°	1984.2	90.8
0°-90°	2185.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2185.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1630	
5°	1603	151
15°	1438	403
25°	1193	542
35°	705	444
45°	338	267
55°	196	177
65°	121	119
75°	60	64
85°	15	18
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1630.4
2.5°	1618.4
5°	1603.3
7.5°	1570.2
10°	1531.0
12.5°	1482.7
15°	1437.5
17.5°	1383.3
20°	1329.0
22.5°	1268.8
25°	1193.4
27.5°	1103.0
30°	982.4
32.5°	846.8
35°	705.2
37.5°	584.7
40°	482.2
42.5°	400.8
45°	337.5
47.5°	286.3
50°	250.1
52.5°	220.0
55°	195.9
57.5°	174.8
60°	156.7
62.5°	135.6
65°	120.6
67.5°	102.5
70°	87.4
72.5°	72.3
75°	60.3
77.5°	48.2
80°	36.2
82.5°	27.1
85°	15.0
87.5°	6.0
90°	0.0



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— 0°-180°







(END OF REPORT)