

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: P844256

Luminaire Tested: **LD6C25DE010B2750 EU6C25B50 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844256
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: LD6C25DE010B2750 EU6C25B50 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

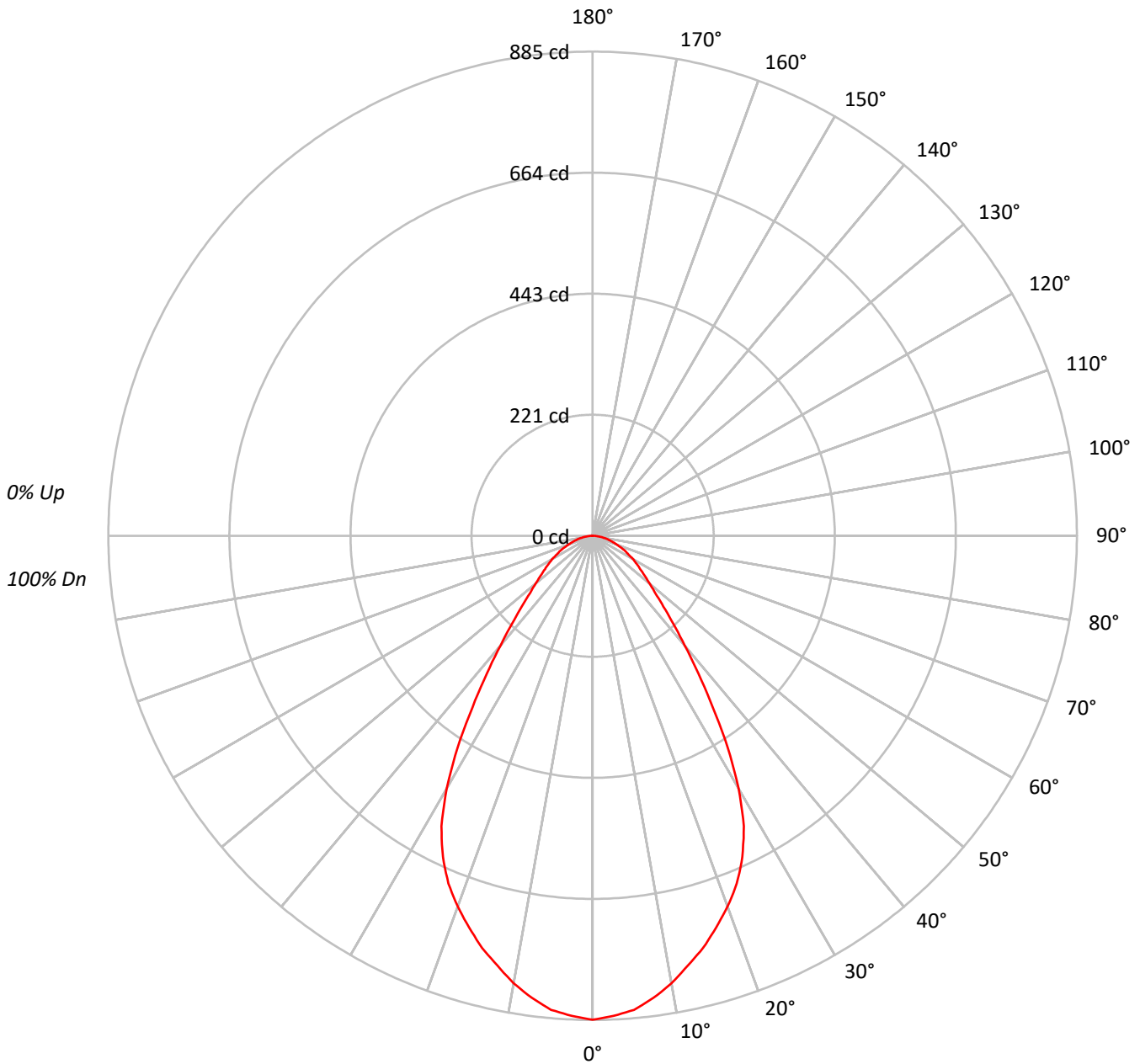
Lumens per Lamp: N/A
Luminaire Lumens: 1185.6 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			
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°	48494
5°	47870
10°	46242
15°	44268
20°	42068
25°	39172
30°	33739
35°	25611
40°	18728
45°	14203
50°	11573
55°	10160
60°	9319
65°	8496
70°	7597
75°	6926
80°	6219
85°	5095



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.7	6.9
10°-20°	218.9	18.5
20°-30°	293.9	24.8
30°-40°	241.1	20.3
40°-50°	144.8	12.2
50°-60°	96.2	8.1
60°-70°	64.5	5.4
70°-80°	34.7	2.9
80°-90°	9.8	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°	594.5	50.1
0°-40°	835.6	70.5
0°-60°	1076.6	90.8
0°-90°	1185.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1185.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	885	
5°	870	82
15°	780	219
25°	648	294
35°	383	241
45°	183	145
55°	106	96
65°	66	65
75°	33	35
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	884.6
2.5°	878.2
5°	869.9
7.5°	851.9
10°	830.7
12.5°	804.5
15°	780.0
17.5°	750.6
20°	721.1
22.5°	688.4
25°	647.6
27.5°	598.5
30°	533.0
32.5°	459.4
35°	382.7
37.5°	317.2
40°	261.7
42.5°	217.4
45°	183.2
47.5°	155.4
50°	135.7
52.5°	119.4
55°	106.3
57.5°	94.9
60°	85.0
62.5°	73.6
65°	65.5
67.5°	55.6
70°	47.4
72.5°	39.2
75°	32.7
77.5°	26.1
80°	19.7
82.5°	14.7
85°	8.1
87.5°	3.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)