

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: P844258

Luminaire Tested: **LD6C25DE010B50 EU6C25B50 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844258
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B50 EU6C25B50 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

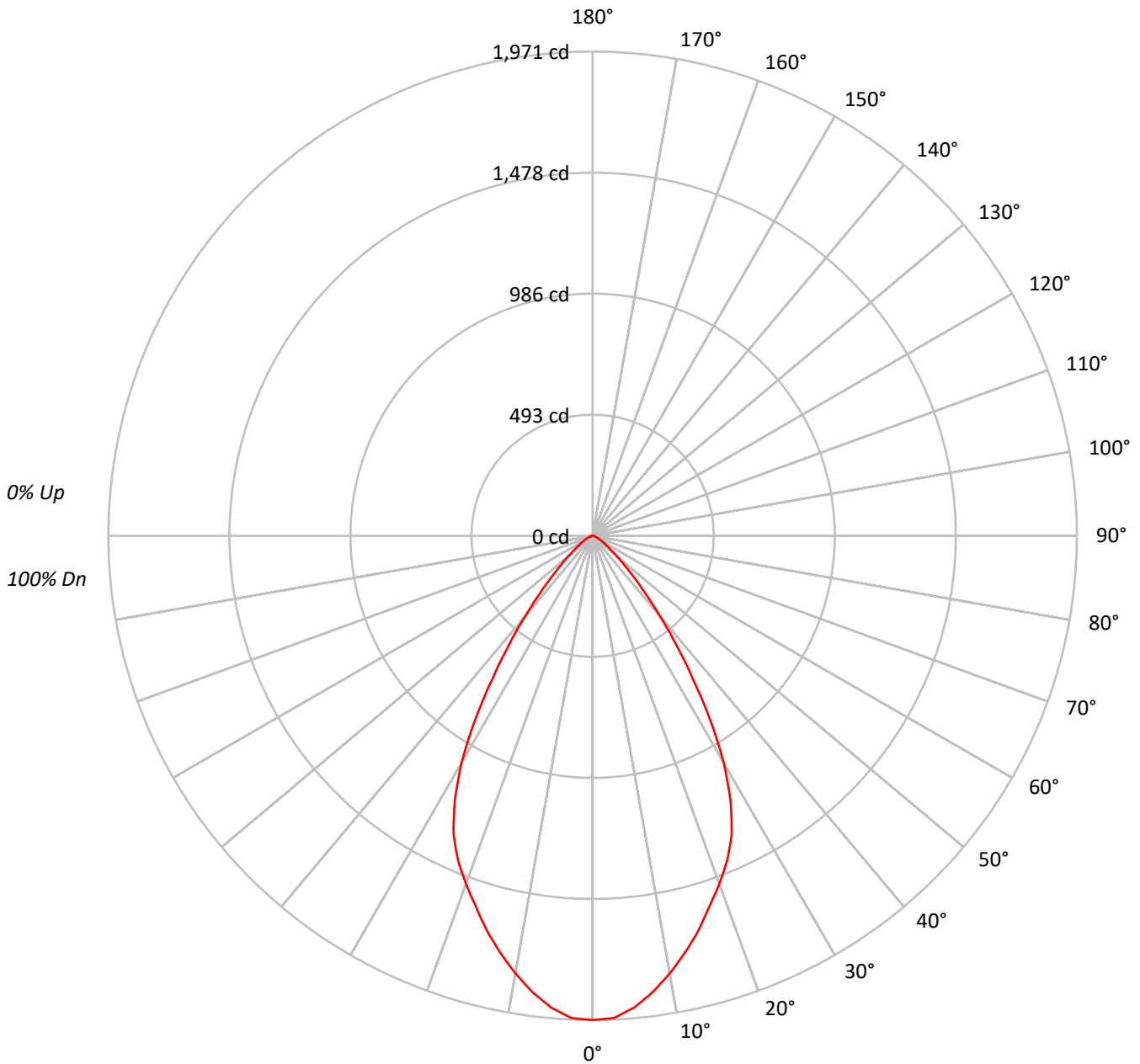
Lumens per Lamp: N/A
Luminaire Lumens: 1991.6 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108045
5°	106114
10°	100694
15°	94422
20°	87933
25°	81023
30°	67510
35°	47582
40°	30328
45°	18079
50°	10669
55°	6795
60°	4671
65°	3321
70°	2292
75°	1822
80°	916
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.2	9.0
10°-20°	466.2	23.4
20°-30°	604.1	30.3
30°-40°	448.5	22.5
40°-50°	189.3	9.5
50°-60°	67.2	3.4
60°-70°	26.0	1.3
70°-80°	9.0	0.5
80°-90°	1.2	0.1
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°	1250.5	62.8
0°-40°	1698.9	85.3
0°-60°	1955.5	98.2
0°-90°	1991.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1991.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1971	
5°	1928	180
15°	1664	466
25°	1340	604
35°	711	448
45°	233	189
55°	71	67
65°	26	26
75°	9	9
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1970.9
2.5°	1965.2
5°	1928.3
7.5°	1874.1
10°	1808.9
12.5°	1737.7
15°	1663.7
17.5°	1581.3
20°	1507.3
22.5°	1430.6
25°	1339.5
27.5°	1214.4
30°	1066.5
32.5°	893.0
35°	711.0
37.5°	557.5
40°	423.8
42.5°	315.7
45°	233.2
47.5°	170.6
50°	125.1
52.5°	93.8
55°	71.1
57.5°	54.0
60°	42.6
62.5°	31.3
65°	25.6
67.5°	19.9
70°	14.3
72.5°	11.3
75°	8.6
77.5°	5.7
80°	2.9
82.5°	2.9
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)