

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: P844209

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844209
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 EU6C25B30 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

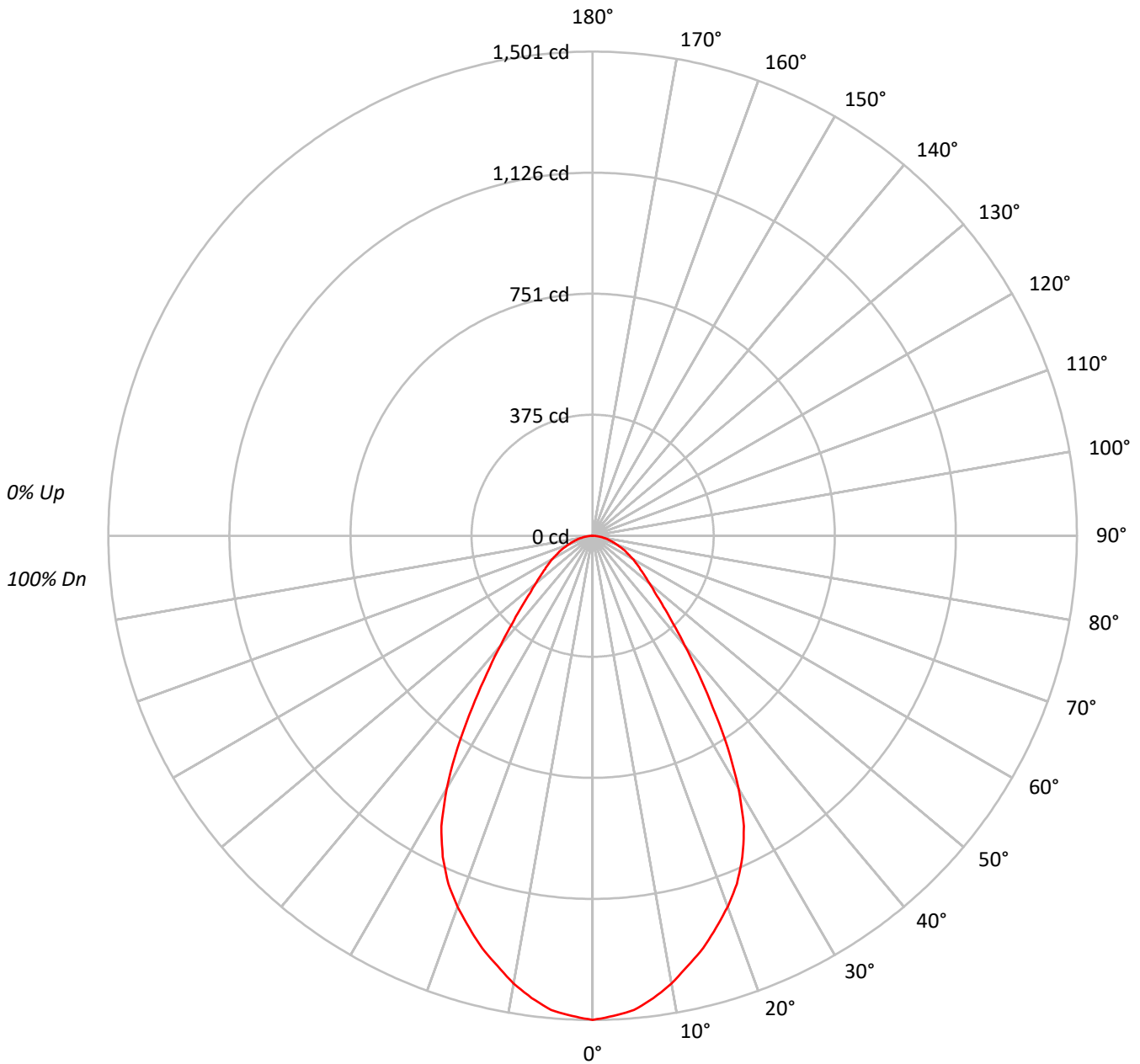
Lumens per Lamp: N/A
Luminaire Lumens: 2011.6 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	82285
5°	81224
10°	78455
15°	75108
20°	71383
25°	66457
30°	57256
35°	43453
40°	31767
45°	24088
50°	19650
55°	17232
60°	15821
65°	14411
70°	12887
75°	11734
80°	10513
85°	8743



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.7	6.9
10°-20°	371.4	18.5
20°-30°	498.7	24.8
30°-40°	409.1	20.3
40°-50°	245.7	12.2
50°-60°	163.3	8.1
60°-70°	109.4	5.4
70°-80°	58.8	2.9
80°-90°	16.6	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°	1008.7	50.1
0°-40°	1417.8	70.5
0°-60°	1826.7	90.8
0°-90°	2011.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2011.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1501	
5°	1476	139
15°	1323	371
25°	1099	499
35°	649	409
45°	311	246
55°	180	163
65°	111	109
75°	55	59
85°	14	17
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1501.0
2.5°	1489.9
5°	1476.0
7.5°	1445.5
10°	1409.4
12.5°	1365.0
15°	1323.4
17.5°	1273.5
20°	1223.6
22.5°	1168.1
25°	1098.7
27.5°	1015.4
30°	904.5
32.5°	779.6
35°	649.3
37.5°	538.2
40°	443.9
42.5°	369.0
45°	310.7
47.5°	263.6
50°	230.4
52.5°	202.5
55°	180.3
57.5°	161.0
60°	144.3
62.5°	124.9
65°	111.1
67.5°	94.3
70°	80.4
72.5°	66.5
75°	55.4
77.5°	44.3
80°	33.3
82.5°	25.0
85°	13.9
87.5°	5.6
90°	0.0



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— 0°-180°







(END OF REPORT)