

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: P844243

Luminaire Tested: **LD6C25DE010B40 EU6C25B40 6LBMMW**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844243
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: LD6C25DE010B40 EU6C25B40 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

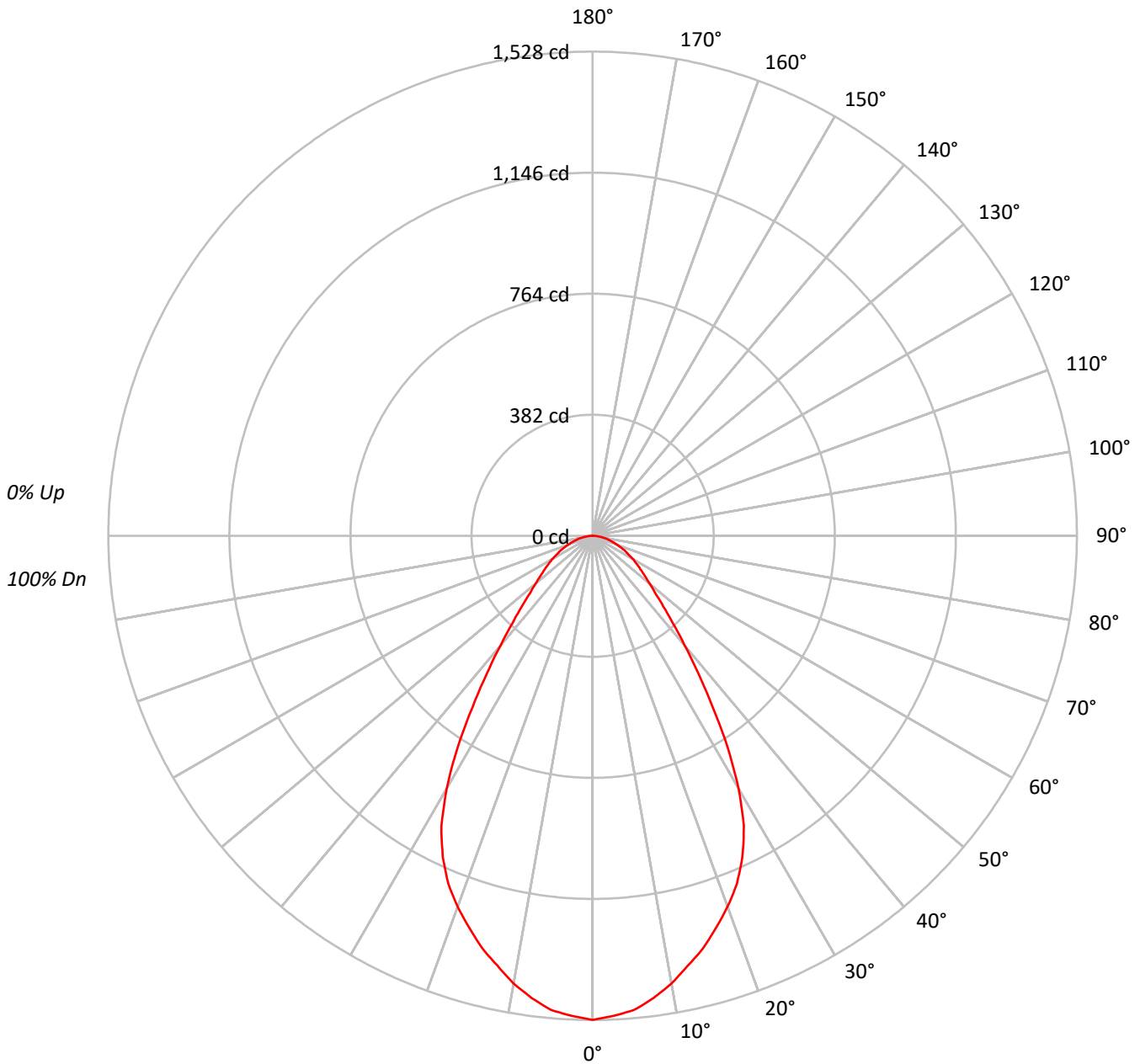
Lumens per Lamp: N/A
Luminaire Lumens: 2047.6 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	83760
5°	82676
10°	79864
15°	76453
20°	72660
25°	67643
30°	58281
35°	44223
40°	32332
45°	24522
50°	19999
55°	17548
60°	16095
65°	14658
70°	13127
75°	11967
80°	10734
85°	8869



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.1	6.9
10°-20°	378.0	18.5
20°-30°	507.6	24.8
30°-40°	416.4	20.3
40°-50°	250.1	12.2
50°-60°	166.2	8.1
60°-70°	111.4	5.4
70°-80°	60.0	2.9
80°-90°	16.9	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°	1026.8	50.1
0°-40°	1443.2	70.5
0°-60°	1859.4	90.8
0°-90°	2047.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2047.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1528	
5°	1502	141
15°	1347	378
25°	1118	508
35°	661	416
45°	316	250
55°	184	166
65°	113	111
75°	56	60
85°	14	17
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1527.9
2.5°	1516.5
5°	1502.4
7.5°	1471.4
10°	1434.7
12.5°	1389.4
15°	1347.1
17.5°	1296.2
20°	1245.5
22.5°	1189.0
25°	1118.3
27.5°	1033.6
30°	920.7
32.5°	793.5
35°	660.8
37.5°	547.9
40°	451.8
42.5°	375.7
45°	316.3
47.5°	268.3
50°	234.5
52.5°	206.1
55°	183.6
57.5°	163.8
60°	146.8
62.5°	127.1
65°	113.0
67.5°	96.0
70°	81.9
72.5°	67.8
75°	56.5
77.5°	45.2
80°	34.0
82.5°	25.4
85°	14.1
87.5°	5.6
90°	0.0



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— 0°-180°







(END OF REPORT)