

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: P844240

Luminaire Tested: **LD6C25DE010B2750 EU6C25B40 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844240
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 EU6C25B40 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

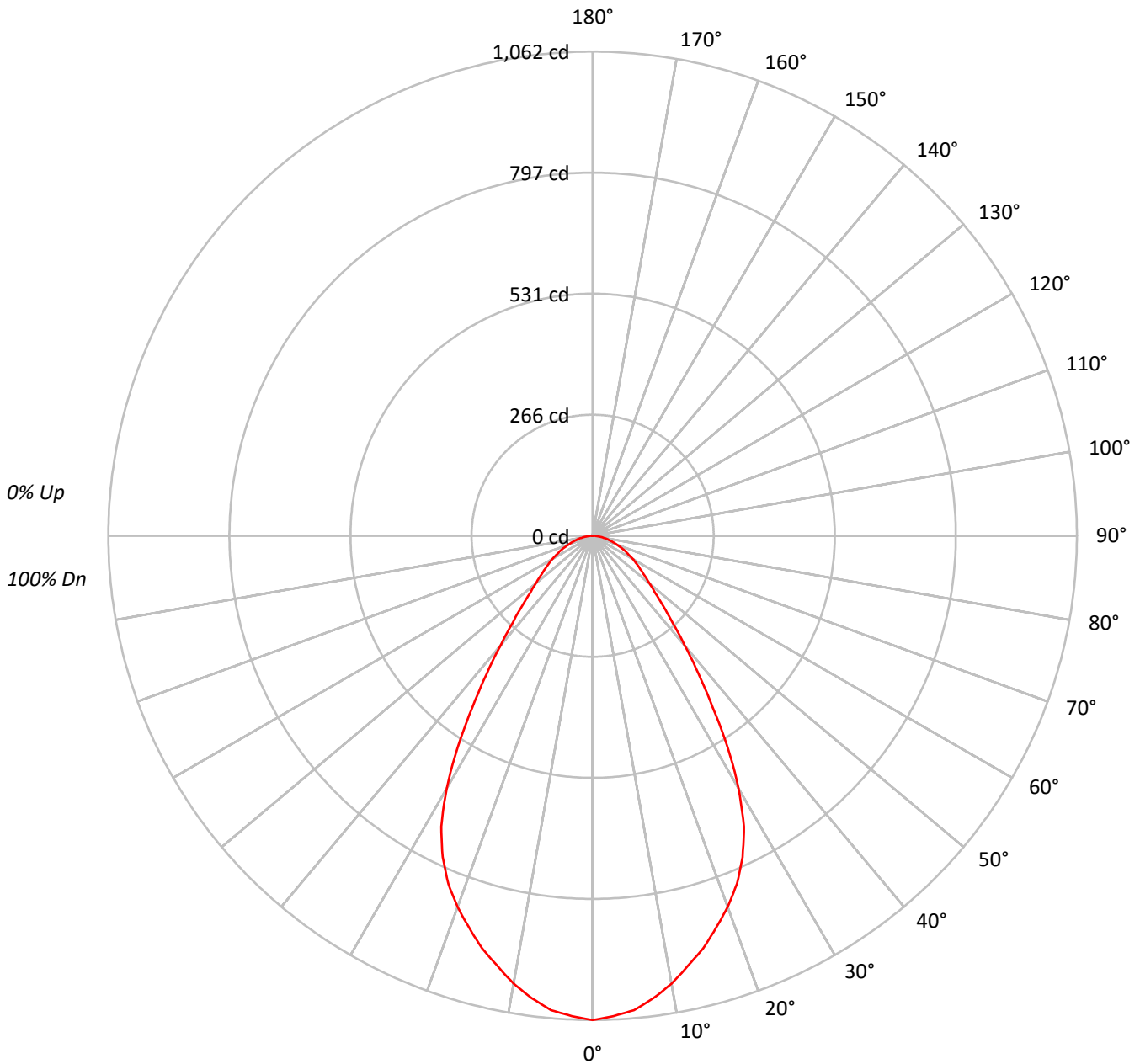
Lumens per Lamp: N/A
Luminaire Lumens: 1423.6 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			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°	58230
5°	57478
10°	55527
15°	53150
20°	50515
25°	47035
30°	40519
35°	30744
40°	22478
45°	17048
50°	13901
55°	12205
60°	11194
65°	10196
70°	9120
75°	8303
80°	7450
85°	6164



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.1	6.9
10°-20°	262.8	18.5
20°-30°	352.9	24.8
30°-40°	289.5	20.3
40°-50°	173.8	12.2
50°-60°	115.5	8.1
60°-70°	77.4	5.4
70°-80°	41.6	2.9
80°-90°	11.8	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°	713.9	50.1
0°-40°	1003.4	70.5
0°-60°	1292.7	90.8
0°-90°	1423.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1423.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1062	
5°	1044	98
15°	936	263
25°	778	353
35°	459	289
45°	220	174
55°	128	116
65°	79	77
75°	39	42
85°	10	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1062.2
2.5°	1054.4
5°	1044.5
7.5°	1022.9
10°	997.5
12.5°	966.0
15°	936.5
17.5°	901.2
20°	865.9
22.5°	826.6
25°	777.6
27.5°	718.7
30°	640.1
32.5°	551.7
35°	459.4
37.5°	380.9
40°	314.1
42.5°	261.1
45°	219.9
47.5°	186.6
50°	163.0
52.5°	143.3
55°	127.7
57.5°	113.9
60°	102.1
62.5°	88.3
65°	78.6
67.5°	66.7
70°	56.9
72.5°	47.1
75°	39.2
77.5°	31.4
80°	23.6
82.5°	17.7
85°	9.8
87.5°	3.9
90°	0.0



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— 0°-180°







(END OF REPORT)