

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: P844222

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844222
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 EU6C25B35 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

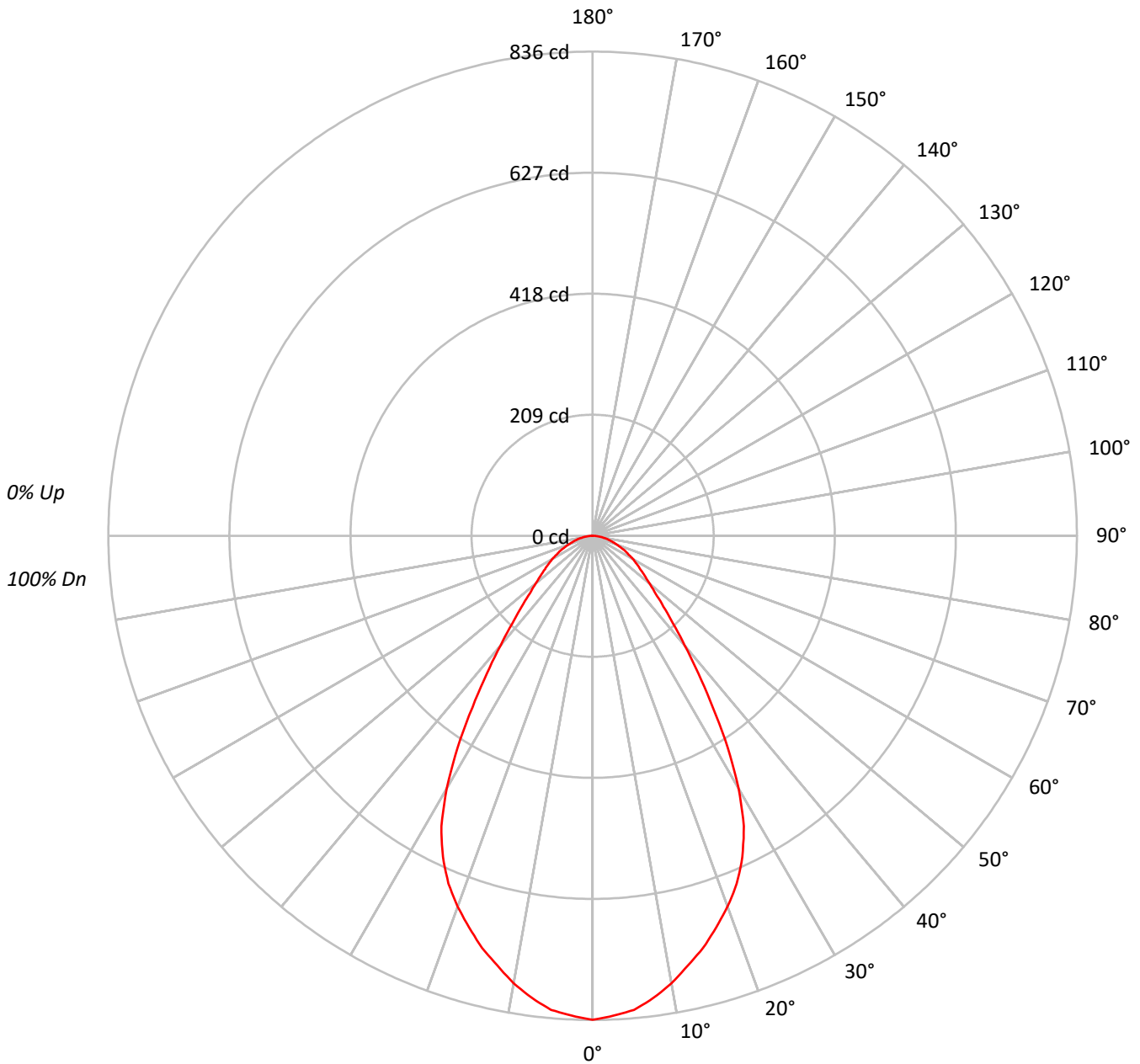
Lumens per Lamp: N/A
Luminaire Lumens: 1120.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	45813
5°	45223
10°	43687
15°	41822
20°	39740
25°	37000
30°	31872
35°	24193
40°	17690
45°	13412
50°	10934
55°	9596
60°	8804
65°	8016
70°	7165
75°	6545
80°	5840
85°	4843



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	6.9
10°-20°	206.8	18.5
20°-30°	277.6	24.8
30°-40°	227.8	20.3
40°-50°	136.8	12.2
50°-60°	90.9	8.1
60°-70°	60.9	5.4
70°-80°	32.7	2.9
80°-90°	9.2	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°	561.6	50.1
0°-40°	789.4	70.5
0°-60°	1017.1	90.8
0°-90°	1120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	836	
5°	822	77
15°	737	207
25°	612	278
35°	362	228
45°	173	137
55°	100	91
65°	62	61
75°	31	33
85°	8	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	835.7
2.5°	829.5
5°	821.8
7.5°	804.9
10°	784.8
12.5°	760.0
15°	736.9
17.5°	709.0
20°	681.2
22.5°	650.3
25°	611.7
27.5°	565.4
30°	503.5
32.5°	434.1
35°	361.5
37.5°	299.7
40°	247.2
42.5°	205.5
45°	173.0
47.5°	146.8
50°	128.2
52.5°	112.7
55°	100.4
57.5°	89.6
60°	80.3
62.5°	69.5
65°	61.8
67.5°	52.6
70°	44.7
72.5°	37.0
75°	30.9
77.5°	24.7
80°	18.5
82.5°	13.9
85°	7.7
87.5°	3.1
90°	0.0



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— 0°-180°







(END OF REPORT)