

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: P843971

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843971
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: LD6C10DE010B2750 EU6C10B35 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

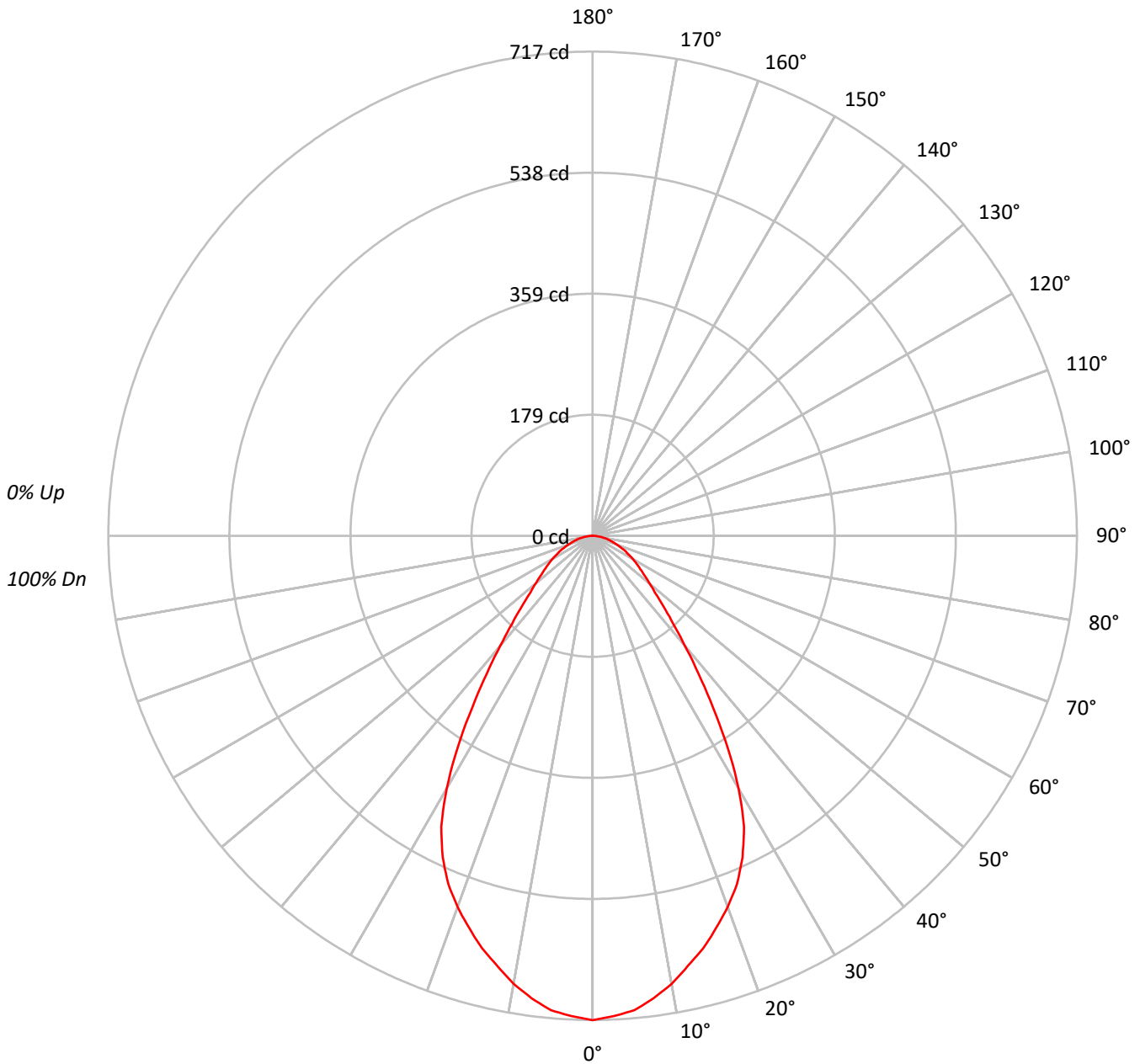
Lumens per Lamp: N/A
Luminaire Lumens: 961.5 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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°	39328
5°	38818
10°	37497
15°	35897
20°	34116
25°	31762
30°	27365
35°	20766
40°	15186
45°	11513
50°	9390
55°	8239
60°	7565
65°	6888
70°	6155
75°	5613
80°	5051
85°	4214



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.3	6.9
10°-20°	177.5	18.5
20°-30°	238.3	24.8
30°-40°	195.5	20.3
40°-50°	117.4	12.2
50°-60°	78.0	8.1
60°-70°	52.3	5.4
70°-80°	28.1	2.9
80°-90°	8.0	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°	482.1	50.1
0°-40°	677.6	70.5
0°-60°	873.1	90.8
0°-90°	961.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	961.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	717	
5°	705	66
15°	632	178
25°	525	238
35°	310	196
45°	148	117
55°	86	78
65°	53	52
75°	26	28
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	717.4
2.5°	712.0
5°	705.4
7.5°	690.8
10°	673.6
12.5°	652.3
15°	632.5
17.5°	608.7
20°	584.8
22.5°	558.2
25°	525.1
27.5°	485.3
30°	432.3
32.5°	372.6
35°	310.3
37.5°	257.2
40°	212.2
42.5°	176.4
45°	148.5
47.5°	126.0
50°	110.1
52.5°	96.8
55°	86.2
57.5°	76.9
60°	69.0
62.5°	59.7
65°	53.1
67.5°	45.1
70°	38.4
72.5°	31.8
75°	26.5
77.5°	21.2
80°	16.0
82.5°	12.0
85°	6.7
87.5°	2.6
90°	0.0



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— 0°-180°







(END OF REPORT)