

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: P843993

Luminaire Tested: **LD6C10DE010B2750 EU6C10B40 6LBWH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P843993  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C10DE010B2750 EU6C10B40 6LBWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

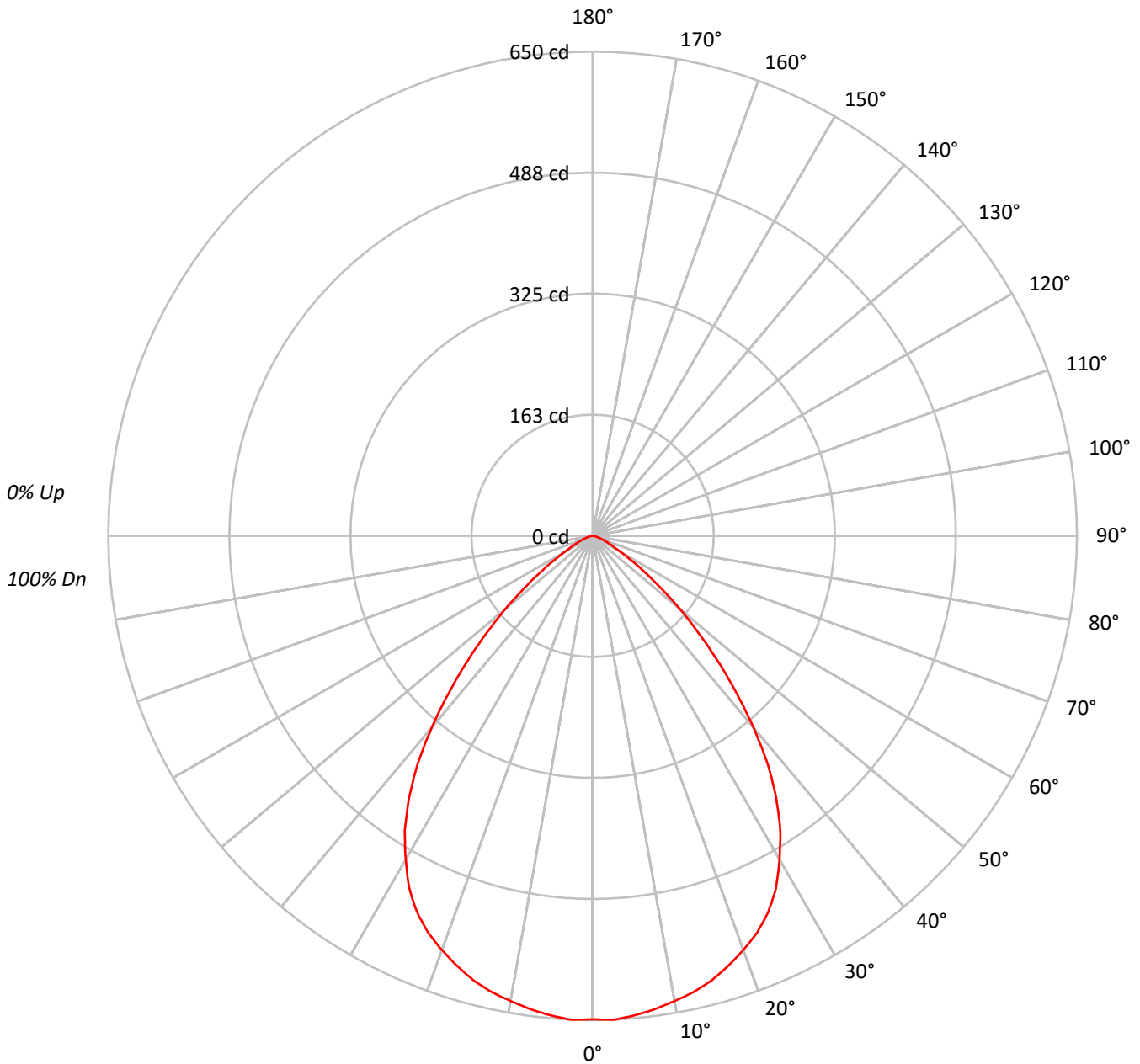
Lumens per Lamp: N/A  
Luminaire Lumens: 1052.3 lumens  
Efficiency: N/A  
Efficacy: 79.1 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P843993

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B40 6LBWH

### Luminous Intensity Polar Plot





TEST NUMBER: P843993

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B40 6LBWH

**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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
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	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	35584
5°	35566
10°	35298
15°	35063
20°	34519
25°	33734
30°	31764
35°	28743
40°	24009
45°	18390
50°	13023
55°	8210
60°	4638
65°	3009
70°	1971
75°	1440
80°	852
85°	881



TEST NUMBER: P843993

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B40 6LBWH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.3	5.8
10°-20°	174.0	16.5
20°-30°	255.0	24.2
30°-40°	265.4	25.2
40°-50°	183.7	17.5
50°-60°	79.9	7.6
60°-70°	24.6	2.3
70°-80°	7.3	0.7
80°-90°	1.1	0.1
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°	490.3	46.6
0°-40°	755.7	71.8
0°-60°	1019.3	96.9
0°-90°	1052.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1052.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	649	
5°	646	61
15°	618	174
25°	558	255
35°	430	265
45°	237	184
55°	86	80
65°	23	25
75°	7	7
85°	1	1
90°	0	



TEST NUMBER: P843993

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B40 6LBWH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	649.1
2.5°	650.4
5°	646.3
7.5°	640.9
10°	634.1
12.5°	627.3
15°	617.8
17.5°	605.4
20°	591.7
22.5°	576.8
25°	557.7
27.5°	533.2
30°	501.8
32.5°	469.1
35°	429.5
37.5°	385.9
40°	335.5
42.5°	285.0
45°	237.2
47.5°	192.3
50°	152.7
52.5°	115.9
55°	85.9
57.5°	61.3
60°	42.3
62.5°	31.4
65°	23.2
67.5°	17.8
70°	12.3
72.5°	9.5
75°	6.8
77.5°	4.0
80°	2.7
82.5°	1.4
85°	1.4
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)