

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: P843951

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843951
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 EU6C10B30 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

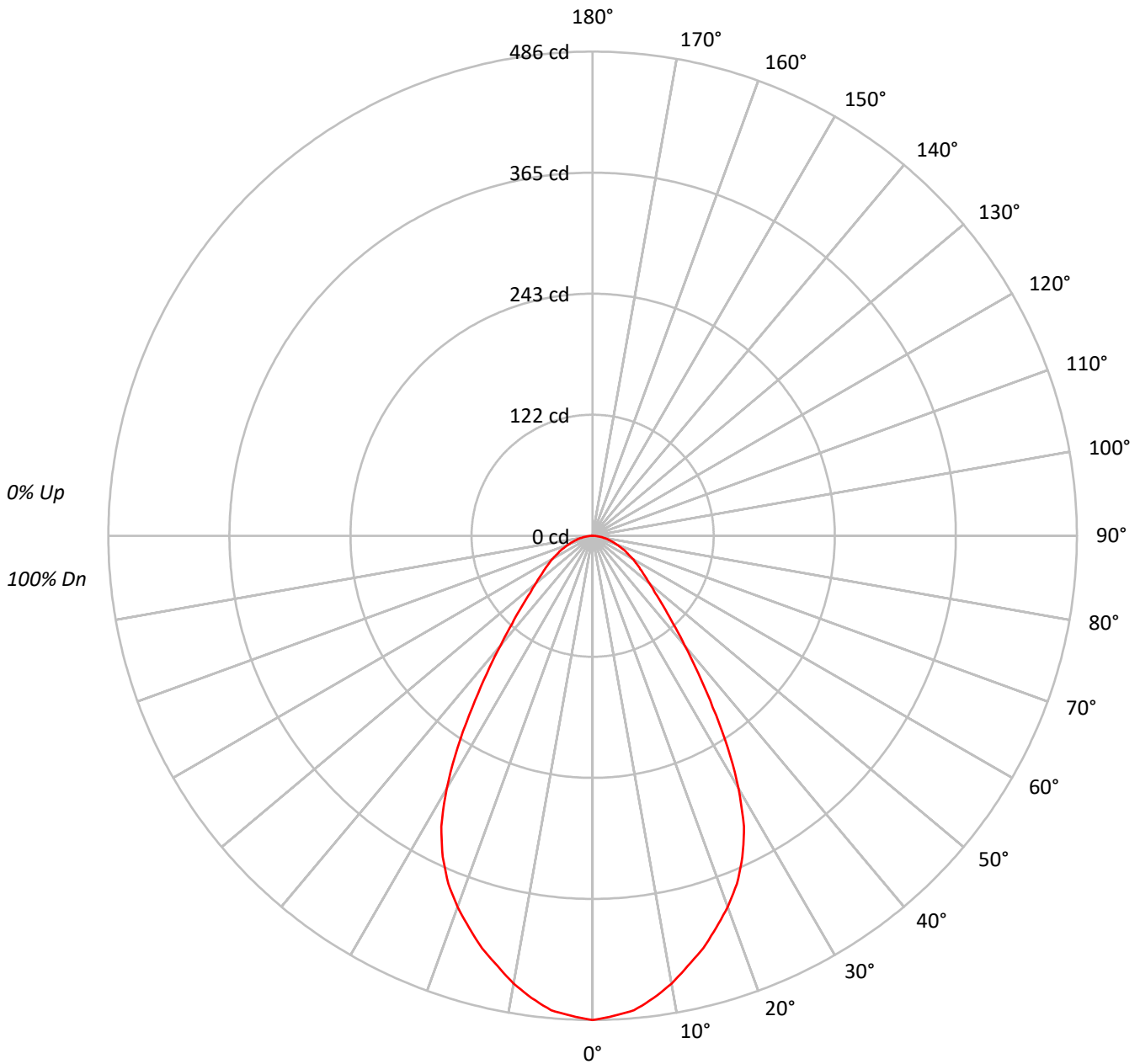
Lumens per Lamp: N/A
Luminaire Lumens: 651.5 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P843951

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBMGPH

Luminous Intensity Polar Plot





TEST NUMBER: P843951

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBMGPH

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°	26648
5°	26310
10°	25411
15°	24330
20°	23120
25°	21521
30°	18547
35°	14074
40°	10284
45°	7807
50°	6362
55°	5582
60°	5120
65°	4670
70°	4167
75°	3813
80°	3410
85°	2768



TEST NUMBER: P843951

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBMGPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	6.9
10°-20°	120.3	18.5
20°-30°	161.5	24.8
30°-40°	132.5	20.3
40°-50°	79.6	12.2
50°-60°	52.9	8.1
60°-70°	35.4	5.4
70°-80°	19.1	2.9
80°-90°	5.3	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°	326.7	50.1
0°-40°	459.2	70.5
0°-60°	591.6	90.8
0°-90°	651.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	651.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	478	45
15°	429	120
25°	356	162
35°	210	132
45°	101	80
55°	58	53
65°	36	35
75°	18	19
85°	4	5
90°	0	



TEST NUMBER: P843951

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B30 6LBMGPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	486.1
2.5°	482.5
5°	478.1
7.5°	468.1
10°	456.5
12.5°	442.1
15°	428.7
17.5°	412.5
20°	396.3
22.5°	378.3
25°	355.8
27.5°	328.9
30°	293.0
32.5°	252.5
35°	210.3
37.5°	174.3
40°	143.7
42.5°	119.5
45°	100.7
47.5°	85.4
50°	74.6
52.5°	65.6
55°	58.4
57.5°	52.1
60°	46.7
62.5°	40.4
65°	36.0
67.5°	30.6
70°	26.0
72.5°	21.6
75°	18.0
77.5°	14.4
80°	10.8
82.5°	8.0
85°	4.4
87.5°	1.8
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)