

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: P843967

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843967
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 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

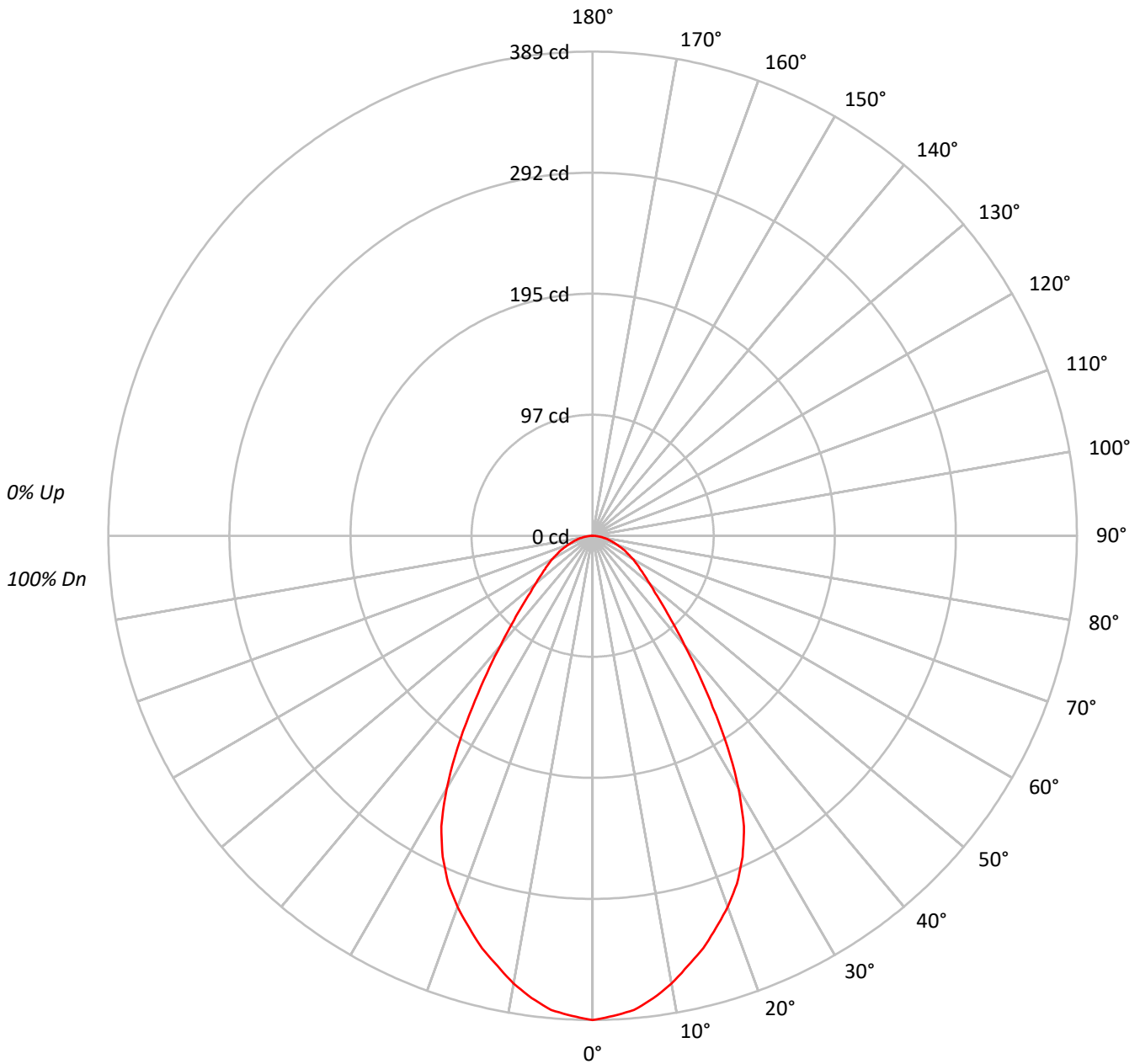
Lumens per Lamp: N/A
Luminaire Lumens: 521.5 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P843967

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B35 6LBMB

Luminous Intensity Polar Plot





TEST NUMBER: P843967

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B35 6LBMB

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	21331
5°	21049
10°	20335
15°	19472
20°	18505
25°	17227
30°	14844
35°	11263
40°	8237
45°	6249
50°	5092
55°	4463
60°	4101
65°	3736
70°	3334
75°	3050
80°	2747
85°	2264



TEST NUMBER: P843967

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B35 6LBMB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.9	6.9
10°-20°	96.3	18.5
20°-30°	129.3	24.8
30°-40°	106.0	20.3
40°-50°	63.7	12.2
50°-60°	42.3	8.1
60°-70°	28.4	5.4
70°-80°	15.3	2.9
80°-90°	4.3	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°	261.5	50.1
0°-40°	367.5	70.5
0°-60°	473.5	90.8
0°-90°	521.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	521.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	389	
5°	382	36
15°	343	96
25°	285	129
35°	168	106
45°	81	64
55°	47	42
65°	29	28
75°	14	15
85°	4	4
90°	0	



TEST NUMBER: P843967

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B35 6LBMB

CANDELA DISTRIBUTION (FULL):

	0°
0°	389.1
2.5°	386.1
5°	382.5
7.5°	374.7
10°	365.3
12.5°	353.8
15°	343.1
17.5°	330.1
20°	317.2
22.5°	302.8
25°	284.8
27.5°	263.2
30°	234.5
32.5°	202.1
35°	168.3
37.5°	139.5
40°	115.1
42.5°	95.6
45°	80.6
47.5°	68.3
50°	59.7
52.5°	52.5
55°	46.7
57.5°	41.7
60°	37.4
62.5°	32.4
65°	28.8
67.5°	24.4
70°	20.8
72.5°	17.2
75°	14.4
77.5°	11.5
80°	8.7
82.5°	6.5
85°	3.6
87.5°	1.5
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)