

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: P843969

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843969
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C10DE010B2750 EU6C10B35 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

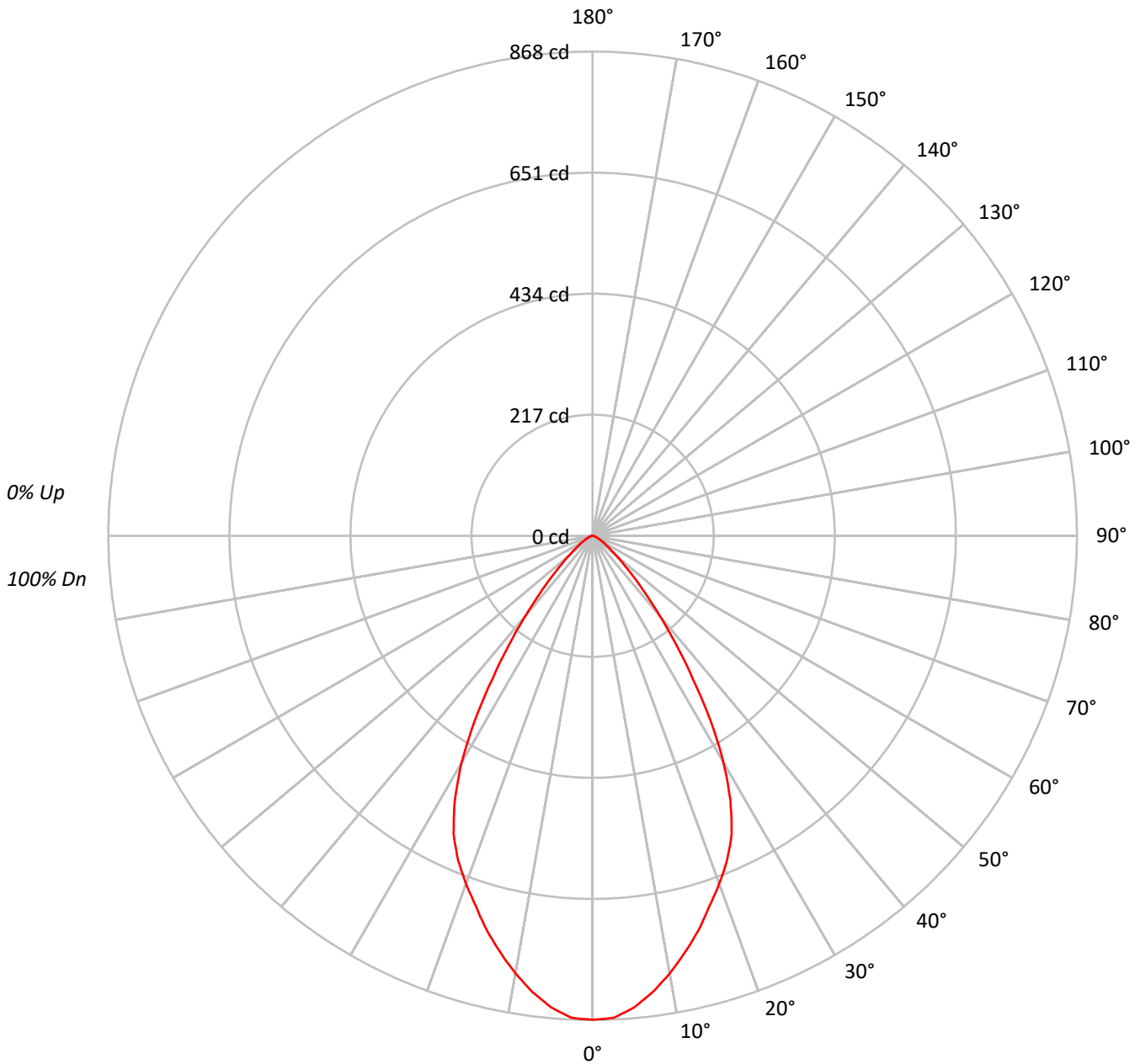
Lumens per Lamp: N/A
Luminaire Lumens: 876.8 lumens
Efficiency: N/A
Efficacy: 65.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P843969

CATALOG NUMBER: LD6C10DE010B2750 EU6C10B35 6LBMH

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			66
6	85	75	69	64	83	75	68	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	47567
5°	46720
10°	44332
15°	41567
20°	38713
25°	35669
30°	29720
35°	20954
40°	13354
45°	7962
50°	4699
55°	2992
60°	2061
65°	1466
70°	994
75°	805
80°	410
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.3	9.0
10°-20°	205.2	23.4
20°-30°	265.9	30.3
30°-40°	197.4	22.5
40°-50°	83.4	9.5
50°-60°	29.6	3.4
60°-70°	11.4	1.3
70°-80°	4.0	0.5
80°-90°	0.5	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°	550.5	62.8
0°-40°	747.9	85.3
0°-60°	860.9	98.2
0°-90°	876.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	876.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	868	
5°	849	79
15°	732	205
25°	590	266
35°	313	197
45°	103	83
55°	31	30
65°	11	11
75°	4	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	867.7
2.5°	865.1
5°	849.0
7.5°	825.1
10°	796.4
12.5°	765.0
15°	732.4
17.5°	696.1
20°	663.6
22.5°	629.8
25°	589.7
27.5°	534.6
30°	469.5
32.5°	393.1
35°	313.1
37.5°	245.4
40°	186.6
42.5°	139.0
45°	102.7
47.5°	75.1
50°	55.1
52.5°	41.4
55°	31.3
57.5°	23.8
60°	18.8
62.5°	13.7
65°	11.3
67.5°	8.8
70°	6.2
72.5°	5.0
75°	3.8
77.5°	2.5
80°	1.3
82.5°	1.3
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)