

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: P843876

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B35 EU6C08B35 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

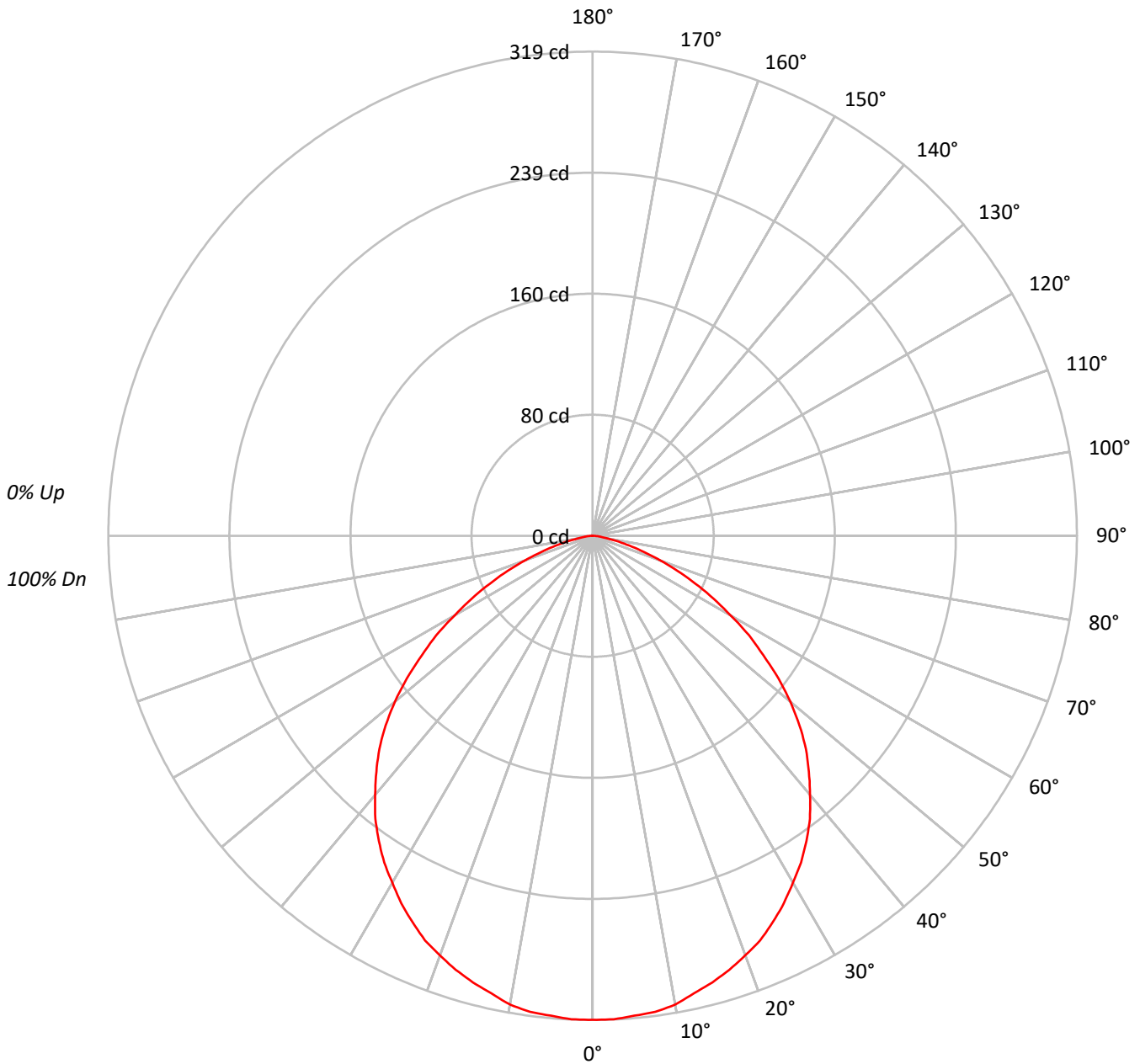
Lumens per Lamp: N/A
Luminaire Lumens: 780.5 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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: P843876

CATALOG NUMBER: LD6C08DE010B35 EU6C08B35 6LBCSMB

Luminous Intensity Polar Plot





TEST NUMBER: P843876

CATALOG NUMBER: LD6C08DE010B35 EU6C08B35 6LBCSMB

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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17482
5°	17466
10°	17457
15°	17287
20°	17163
25°	16991
30°	16705
35°	16430
40°	15944
45°	15405
50°	14490
55°	13113
60°	11512
65°	9690
70°	7581
75°	5316
80°	2968
85°	2076



TEST NUMBER: P843876

CATALOG NUMBER: LD6C08DE010B35 EU6C08B35 6LBCSMB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	3.9
10°-20°	86.0	11.0
20°-30°	129.3	16.6
30°-40°	153.3	19.6
40°-50°	152.6	19.5
50°-60°	123.0	15.8
60°-70°	74.4	9.5
70°-80°	27.6	3.5
80°-90°	4.1	0.5
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°	245.5	31.5
0°-40°	398.8	51.1
0°-60°	674.4	86.4
0°-90°	780.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	780.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	319	
5°	317	30
15°	305	86
25°	281	129
35°	246	153
45°	199	153
55°	137	123
65°	75	74
75°	25	28
85°	3	4
90°	0	



TEST NUMBER: P843876

CATALOG NUMBER: LD6C08DE010B35 EU6C08B35 6LBCSMB

CANDELA DISTRIBUTION (FULL):

	0°
0°	318.9
2.5°	318.9
5°	317.4
7.5°	316.4
10°	313.6
12.5°	308.8
15°	304.6
17.5°	299.8
20°	294.2
22.5°	288.5
25°	280.9
27.5°	272.9
30°	263.9
32.5°	255.4
35°	245.5
37.5°	235.1
40°	222.8
42.5°	210.9
45°	198.7
47.5°	184.9
50°	169.9
52.5°	154.2
55°	137.2
57.5°	122.1
60°	105.0
62.5°	89.9
65°	74.7
67.5°	60.5
70°	47.3
72.5°	35.5
75°	25.1
77.5°	16.1
80°	9.4
82.5°	5.7
85°	3.3
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)