

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: P843882

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843882
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: LD6C08DE010B35 EU6C08B35 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

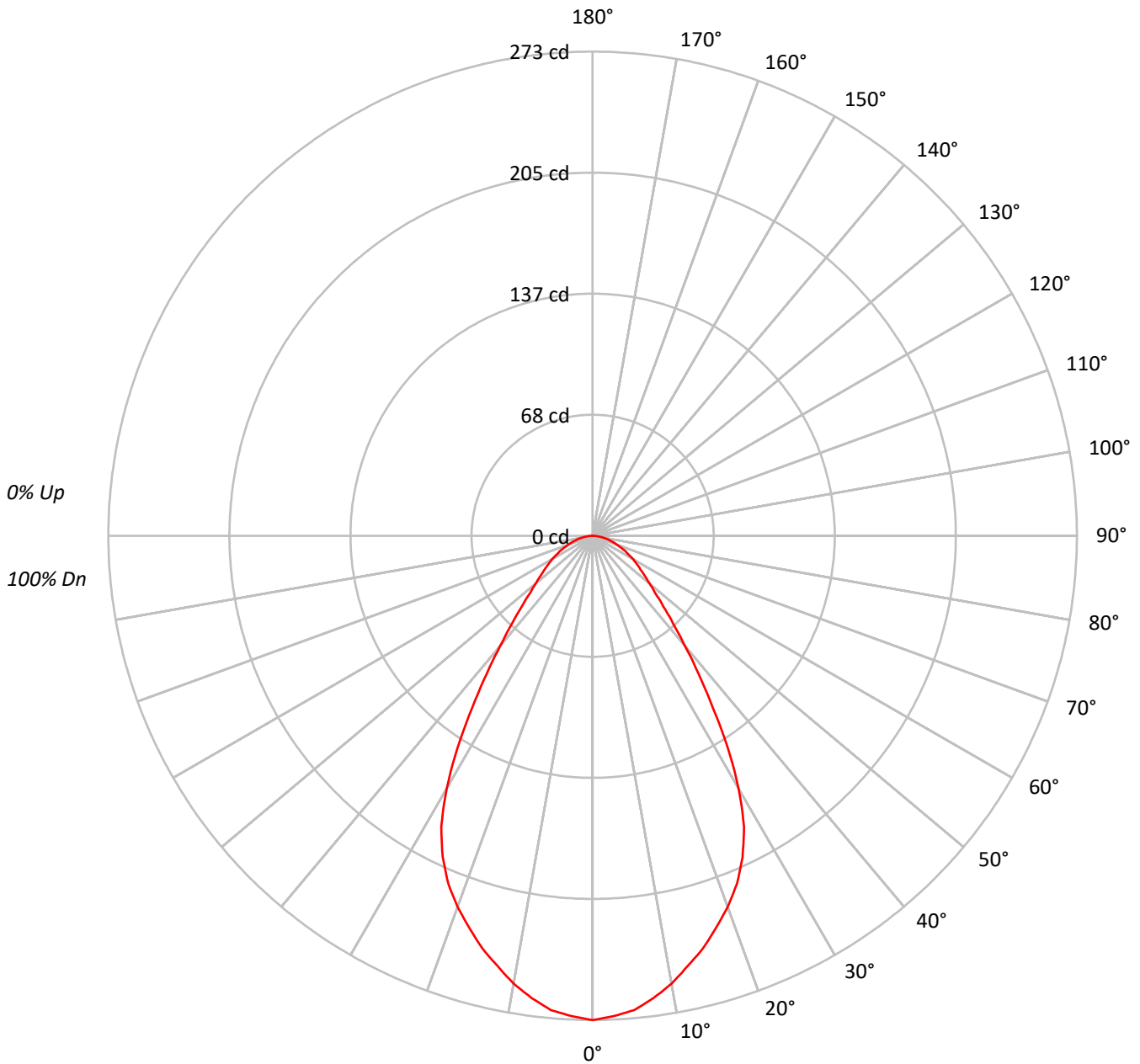
Lumens per Lamp: N/A
Luminaire Lumens: 365.9 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	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°	14971
5°	14775
10°	14273
15°	13661
20°	12986
25°	12091
30°	10419
35°	7904
40°	5782
45°	4380
50°	3573
55°	3135
60°	2873
65°	2620
70°	2340
75°	2118
80°	1894
85°	1572



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	6.9
10°-20°	67.6	18.5
20°-30°	90.7	24.8
30°-40°	74.4	20.3
40°-50°	44.7	12.2
50°-60°	29.7	8.1
60°-70°	19.9	5.4
70°-80°	10.7	2.9
80°-90°	3.0	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°	183.5	50.2
0°-40°	257.9	70.5
0°-60°	332.3	90.8
0°-90°	365.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	365.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	273	
5°	268	25
15°	241	68
25°	200	91
35°	118	74
45°	56	45
55°	33	30
65°	20	20
75°	10	11
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	273.1
2.5°	271.1
5°	268.5
7.5°	262.9
10°	256.4
12.5°	248.3
15°	240.7
17.5°	231.6
20°	222.6
22.5°	212.5
25°	199.9
27.5°	184.8
30°	164.6
32.5°	141.8
35°	118.1
37.5°	97.9
40°	80.8
42.5°	67.2
45°	56.5
47.5°	47.9
50°	41.9
52.5°	36.8
55°	32.8
57.5°	29.3
60°	26.2
62.5°	22.7
65°	20.2
67.5°	17.1
70°	14.6
72.5°	12.2
75°	10.0
77.5°	8.0
80°	6.0
82.5°	4.5
85°	2.5
87.5°	1.1
90°	0.0



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— 0°-180°







(END OF REPORT)