

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: P843878

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBCSMW**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P843878
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 6LBCSMW
Description:
Light Source: -
Ballast/Driver:

Summary

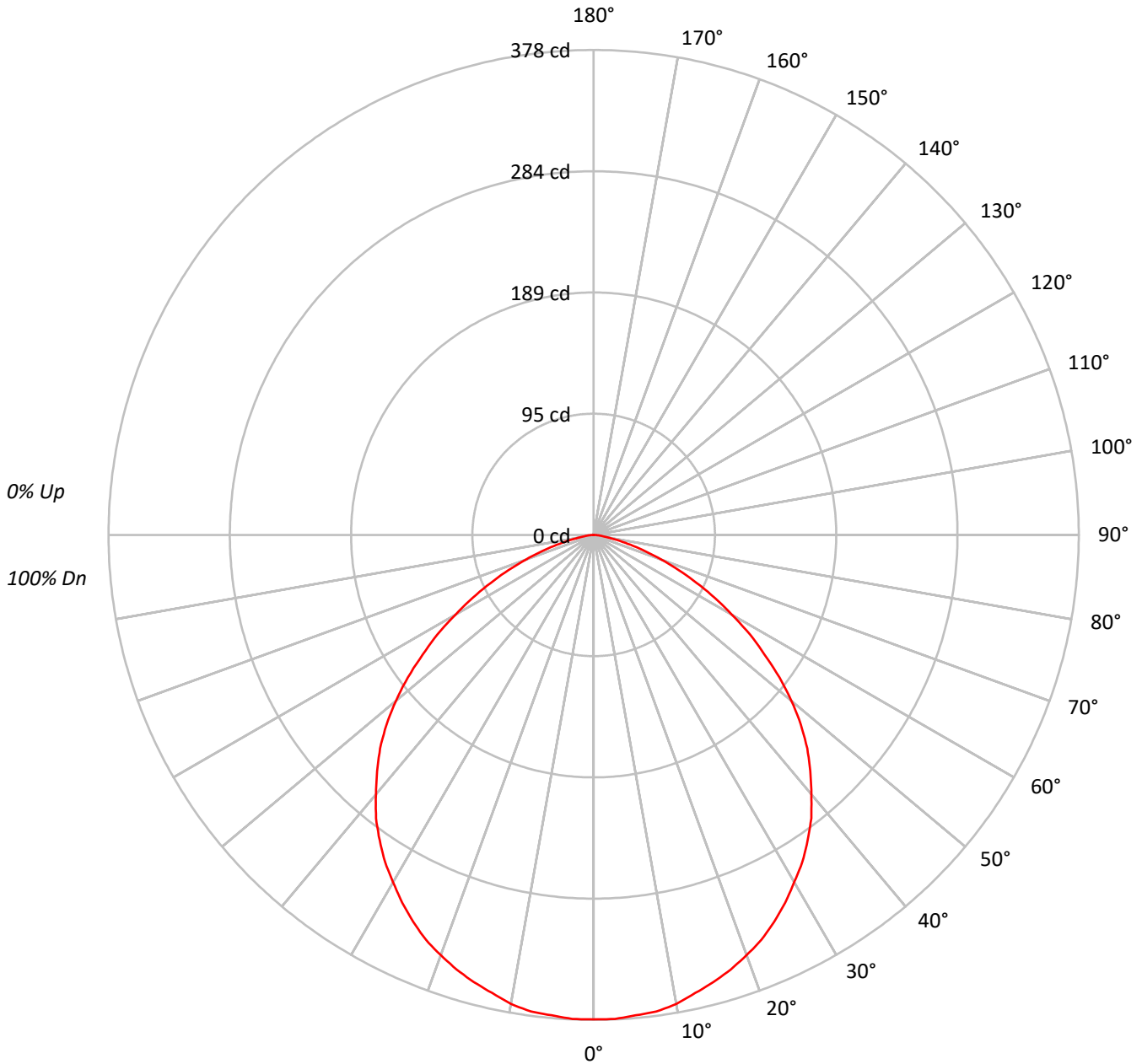
Lumens per Lamp: N/A
Luminaire Lumens: 924.4 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot





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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°	20700
5°	20686
10°	20669
15°	20477
20°	20331
25°	20124
30°	19782
35°	19455
40°	18885
45°	18242
50°	17159
55°	15531
60°	13628
65°	11480
70°	8992
75°	6291
80°	3536
85°	2453



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	3.9
10°-20°	101.8	11.0
20°-30°	153.2	16.6
30°-40°	181.6	19.6
40°-50°	180.7	19.5
50°-60°	145.6	15.8
60°-70°	88.1	9.5
70°-80°	32.7	3.5
80°-90°	4.9	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°	290.8	31.5
0°-40°	472.4	51.1
0°-60°	798.7	86.4
0°-90°	924.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	924.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	378	
5°	376	36
15°	361	102
25°	333	153
35°	291	182
45°	235	181
55°	162	146
65°	88	88
75°	30	33
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	377.6
2.5°	377.6
5°	375.9
7.5°	374.7
10°	371.3
12.5°	365.7
15°	360.8
17.5°	355.2
20°	348.5
22.5°	341.6
25°	332.7
27.5°	323.2
30°	312.5
32.5°	302.5
35°	290.7
37.5°	278.5
40°	263.9
42.5°	249.8
45°	235.3
47.5°	219.0
50°	201.2
52.5°	182.5
55°	162.5
57.5°	144.5
60°	124.3
62.5°	106.4
65°	88.5
67.5°	71.7
70°	56.1
72.5°	42.1
75°	29.7
77.5°	19.0
80°	11.2
82.5°	6.7
85°	3.9
87.5°	1.7
90°	0.0



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— 0°-180°







(END OF REPORT)