

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: P843877

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843877
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 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

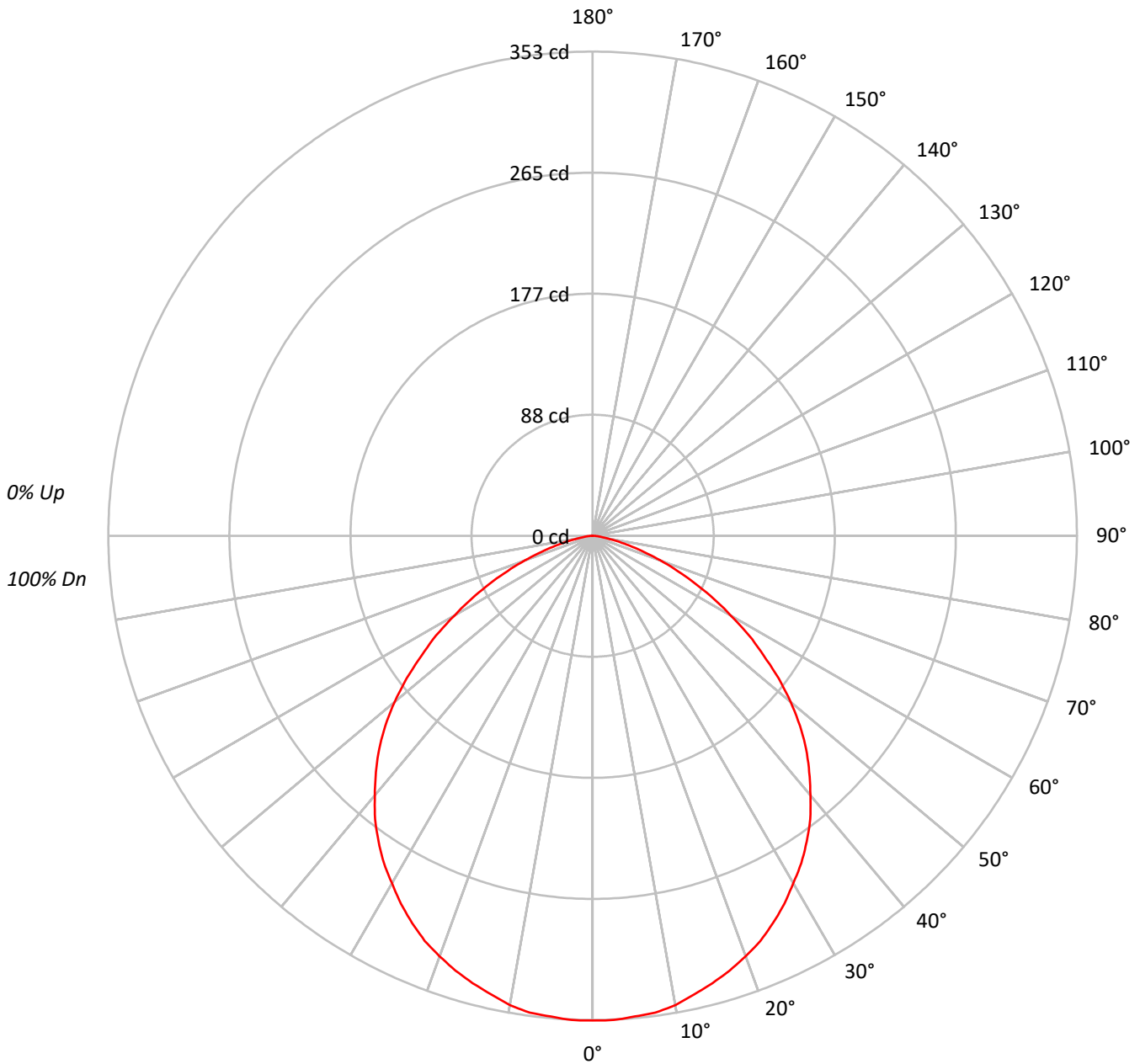
Lumens per Lamp: N/A
Luminaire Lumens: 865.1 lumens
Efficiency: N/A
Efficacy: 90.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	19373
5°	19359
10°	19344
15°	19166
20°	19030
25°	18836
30°	18516
35°	18210
40°	17676
45°	17072
50°	16059
55°	14537
60°	12751
65°	10740
70°	8415
75°	5888
80°	3315
85°	2264



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	3.9
10°-20°	95.3	11.0
20°-30°	143.4	16.6
30°-40°	169.9	19.6
40°-50°	169.1	19.5
50°-60°	136.3	15.8
60°-70°	82.5	9.5
70°-80°	30.6	3.5
80°-90°	4.5	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°	272.2	31.5
0°-40°	442.1	51.1
0°-60°	747.5	86.4
0°-90°	865.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	352	33
15°	338	95
25°	311	143
35°	272	170
45°	220	169
55°	152	136
65°	83	82
75°	28	31
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	353.4
2.5°	353.4
5°	351.8
7.5°	350.7
10°	347.5
12.5°	342.4
15°	337.7
17.5°	332.4
20°	326.2
22.5°	319.7
25°	311.4
27.5°	302.5
30°	292.5
32.5°	283.1
35°	272.1
37.5°	260.6
40°	247.0
42.5°	233.7
45°	220.2
47.5°	205.0
50°	188.3
52.5°	170.9
55°	152.1
57.5°	135.3
60°	116.3
62.5°	99.6
65°	82.8
67.5°	67.1
70°	52.5
72.5°	39.3
75°	27.8
77.5°	17.8
80°	10.5
82.5°	6.2
85°	3.6
87.5°	1.6
90°	0.0



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— 0°-180°







(END OF REPORT)