

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: P844409

Luminaire Tested: **LD6C35DE010B40 EU6C35B40 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844409
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: LD6C35DE010B40 EU6C35B40 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

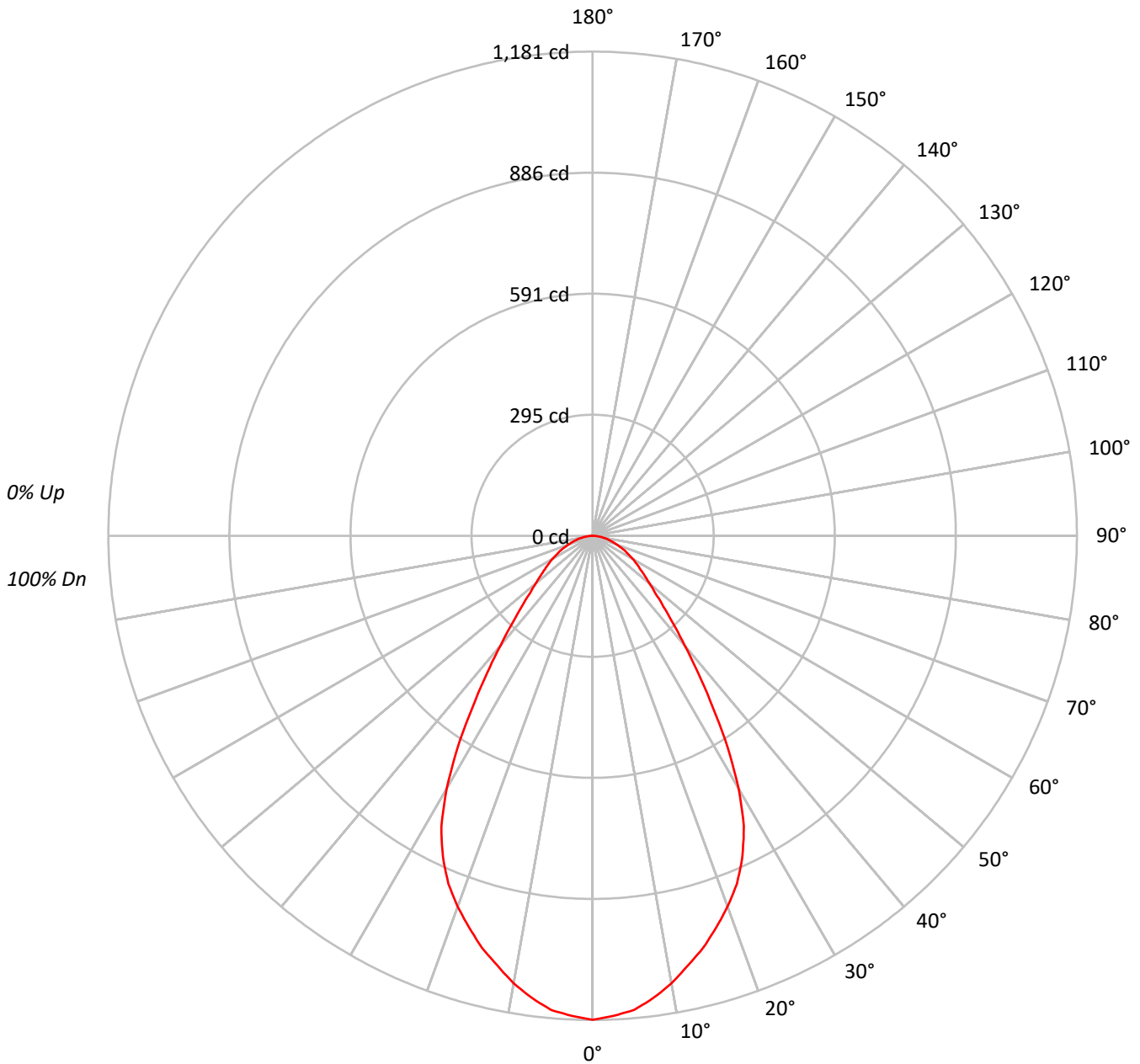
Lumens per Lamp: N/A
Luminaire Lumens: 1582.3 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 41.7
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			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64721
5°	63889
10°	61711
15°	59075
20°	56139
25°	52273
30°	45032
35°	34171
40°	24983
45°	18948
50°	15454
55°	13553
60°	12444
65°	11337
70°	10130
75°	9256
80°	8271
85°	6856



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.1	6.9
10°-20°	292.1	18.5
20°-30°	392.2	24.8
30°-40°	321.7	20.3
40°-50°	193.2	12.2
50°-60°	128.4	8.1
60°-70°	86.1	5.4
70°-80°	46.3	2.9
80°-90°	13.1	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°	793.4	50.1
0°-40°	1115.2	70.5
0°-60°	1436.8	90.8
0°-90°	1582.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1582.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1181	
5°	1161	109
15°	1041	292
25°	864	392
35°	511	322
45°	244	193
55°	142	128
65°	87	86
75°	44	46
85°	11	13
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1180.6
2.5°	1171.9
5°	1161.0
7.5°	1137.0
10°	1108.6
12.5°	1073.6
15°	1040.9
17.5°	1001.7
20°	962.3
22.5°	918.8
25°	864.2
27.5°	798.7
30°	711.4
32.5°	613.2
35°	510.6
37.5°	423.4
40°	349.1
42.5°	290.2
45°	244.4
47.5°	207.3
50°	181.2
52.5°	159.3
55°	141.8
57.5°	126.6
60°	113.5
62.5°	98.3
65°	87.4
67.5°	74.2
70°	63.2
72.5°	52.4
75°	43.7
77.5°	34.9
80°	26.2
82.5°	19.7
85°	10.9
87.5°	4.3
90°	0.0



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— 0°-180°







(END OF REPORT)