

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: P844427

Luminaire Tested: **LD6C35DE010B50 EU6C35B50 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844427
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: LD6C35DE010B50 EU6C35B50 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

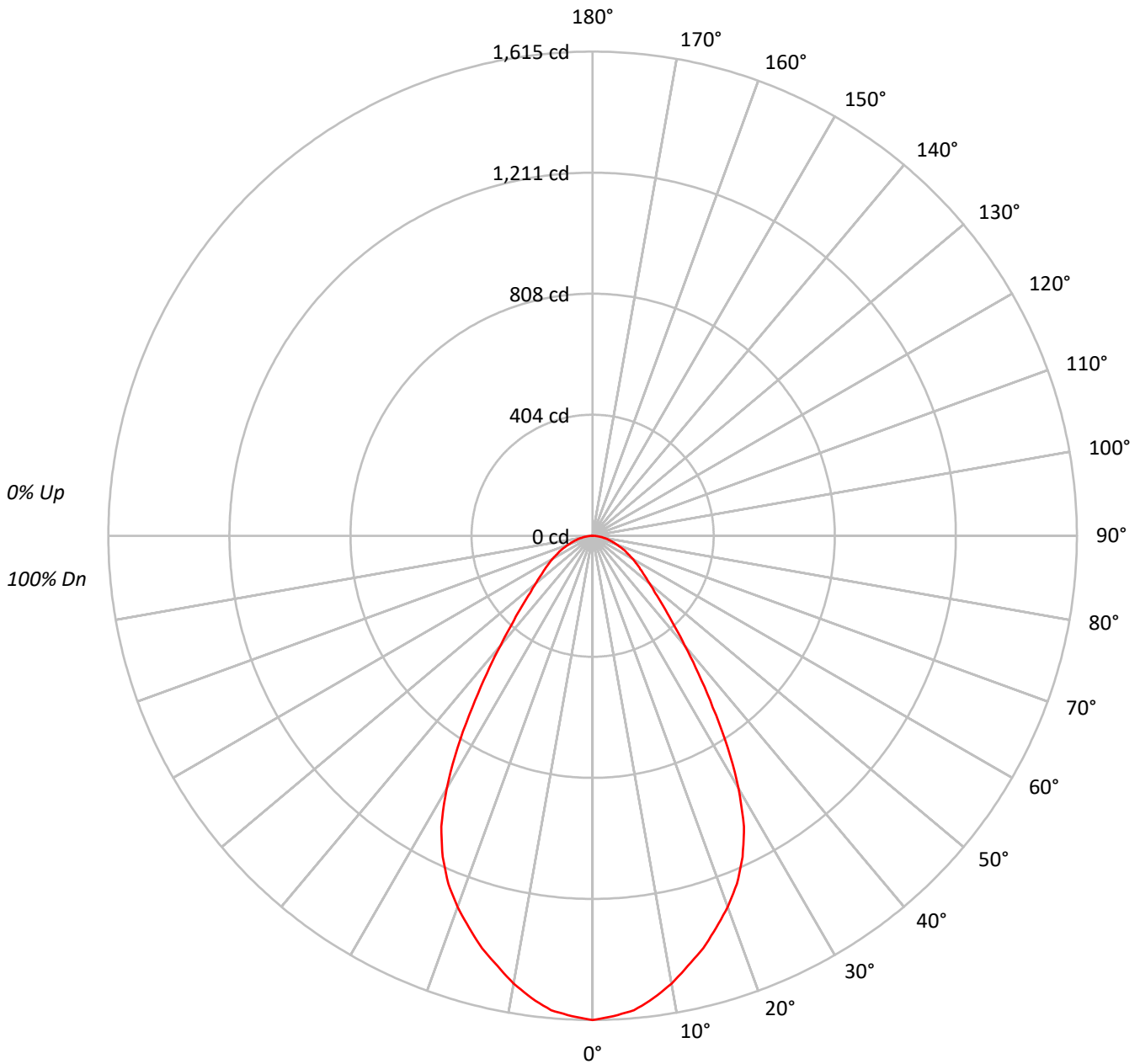
Lumens per Lamp: N/A
Luminaire Lumens: 2165.0 lumens
Efficiency: N/A
Efficacy: 51.9 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			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°	88557
5°	87420
10°	84440
15°	80835
20°	76826
25°	71520
30°	61617
35°	46766
40°	34185
45°	25925
50°	21142
55°	18551
60°	17027
65°	15501
70°	13865
75°	12645
80°	11334
85°	9372



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	6.9
10°-20°	399.7	18.5
20°-30°	536.7	24.8
30°-40°	440.3	20.3
40°-50°	264.4	12.2
50°-60°	175.7	8.1
60°-70°	117.8	5.4
70°-80°	63.3	2.9
80°-90°	17.9	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°	1085.6	50.1
0°-40°	1525.9	70.5
0°-60°	1966.0	90.8
0°-90°	2165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1615	
5°	1589	149
15°	1424	400
25°	1182	537
35°	699	440
45°	334	264
55°	194	176
65°	120	118
75°	60	63
85°	15	18
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1615.4
2.5°	1603.5
5°	1588.6
7.5°	1555.7
10°	1516.9
12.5°	1469.1
15°	1424.3
17.5°	1370.6
20°	1316.9
22.5°	1257.1
25°	1182.4
27.5°	1092.9
30°	973.4
32.5°	839.0
35°	698.8
37.5°	579.3
40°	477.7
42.5°	397.1
45°	334.4
47.5°	283.7
50°	247.9
52.5°	218.0
55°	194.1
57.5°	173.2
60°	155.3
62.5°	134.4
65°	119.5
67.5°	101.5
70°	86.5
72.5°	71.6
75°	59.7
77.5°	47.7
80°	35.9
82.5°	26.9
85°	14.9
87.5°	6.0
90°	0.0



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— 0°-180°







(END OF REPORT)