

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: P844426

Luminaire Tested: **LD6C35DE010B2750 EU6C35B50 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844426
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: LD6C35DE010B2750 EU6C35B50 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

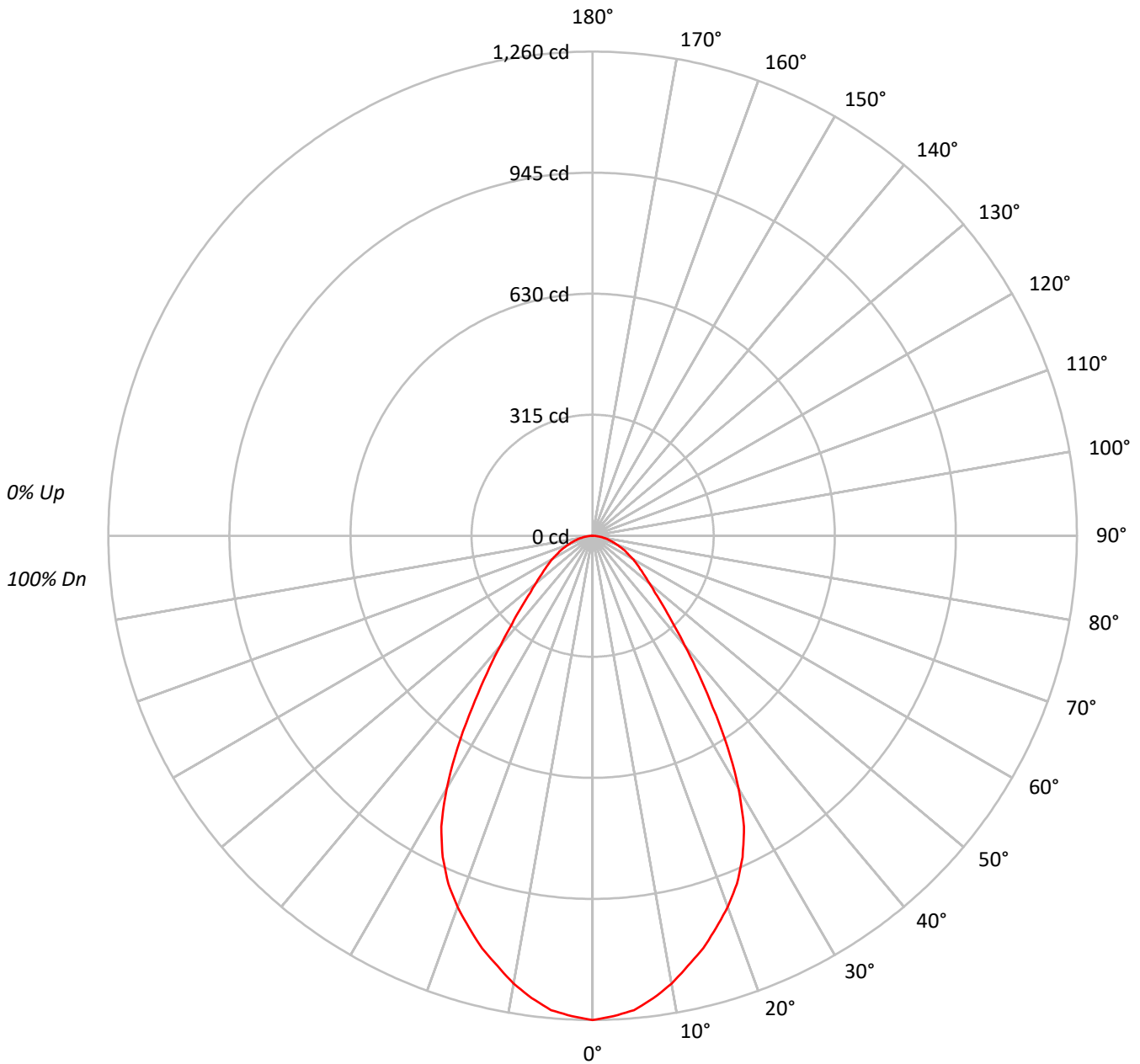
Lumens per Lamp: N/A
Luminaire Lumens: 1689.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	69090
5°	68198
10°	65875
15°	63071
20°	59937
25°	55806
30°	48071
35°	36480
40°	26671
45°	20227
50°	16486
55°	14480
60°	13277
65°	12089
70°	10835
75°	9849
80°	8840
85°	7296



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.4	6.9
10°-20°	311.9	18.5
20°-30°	418.7	24.8
30°-40°	343.5	20.3
40°-50°	206.3	12.2
50°-60°	137.1	8.1
60°-70°	91.9	5.4
70°-80°	49.4	2.9
80°-90°	13.9	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°	847.0	50.1
0°-40°	1190.5	70.5
0°-60°	1533.8	90.8
0°-90°	1689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1689.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1260	
5°	1239	116
15°	1111	312
25°	923	419
35°	545	343
45°	261	206
55°	152	137
65°	93	92
75°	46	49
85°	12	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1260.3
2.5°	1251.0
5°	1239.3
7.5°	1213.7
10°	1183.4
12.5°	1146.2
15°	1111.3
17.5°	1069.3
20°	1027.4
22.5°	980.7
25°	922.6
27.5°	852.7
30°	759.4
32.5°	654.6
35°	545.1
37.5°	451.9
40°	372.7
42.5°	309.9
45°	260.9
47.5°	221.3
50°	193.3
52.5°	170.1
55°	151.5
57.5°	135.2
60°	121.1
62.5°	104.8
65°	93.2
67.5°	79.2
70°	67.6
72.5°	55.9
75°	46.5
77.5°	37.2
80°	28.0
82.5°	20.9
85°	11.6
87.5°	4.7
90°	0.0



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— 0°-180°







(END OF REPORT)