

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: P844428

Luminaire Tested: **LD6C35DE010B2750 EU6C35B50 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B2750 EU6C35B50 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

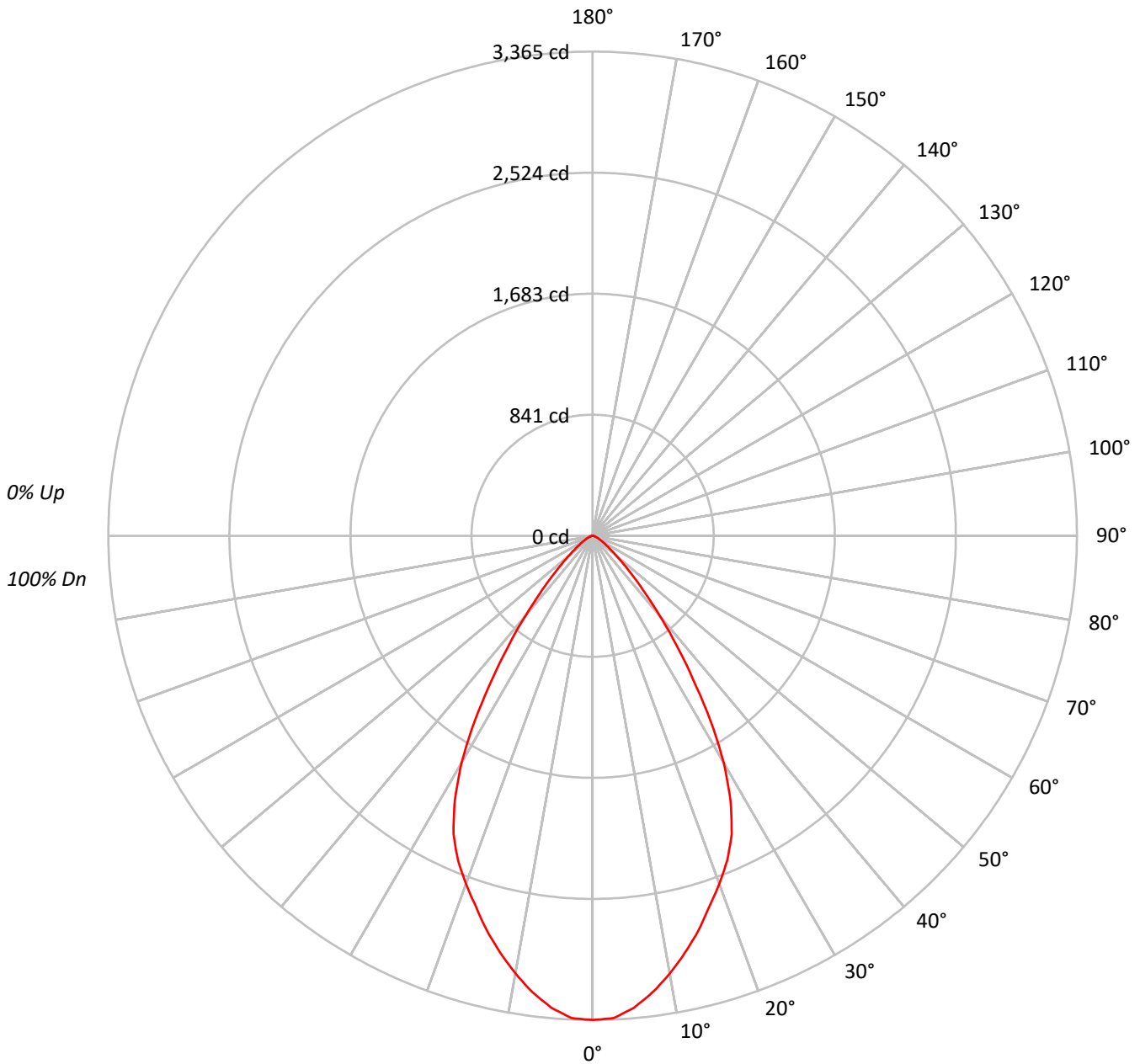
Lumens per Lamp: N/A
Luminaire Lumens: 3400.4 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LD6C35DE010B2750 EU6C35B50 6LBMH

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92				92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85				85
3	101	94	88	84	99	92	87	84	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57				57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53				53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49				49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184475
5°	181174
10°	171918
15°	161215
20°	150134
25°	138335
30°	115265
35°	81245
40°	51776
45°	30879
50°	18225
55°	11593
60°	7993
65°	5669
70°	3895
75°	3092
80°	1515
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.7	9.0
10°-20°	796.0	23.4
20°-30°	1031.4	30.3
30°-40°	765.7	22.5
40°-50°	323.3	9.5
50°-60°	114.8	3.4
60°-70°	44.3	1.3
70°-80°	15.3	0.5
80°-90°	2.0	0.1
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°	2135.0	62.8
0°-40°	2900.7	85.3
0°-60°	3338.7	98.2
0°-90°	3400.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3400.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3365	
5°	3292	308
15°	2841	796
25°	2287	1031
35°	1214	766
45°	398	323
55°	121	115
65°	44	44
75°	15	15
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3365.1
2.5°	3355.3
5°	3292.3
7.5°	3199.9
10°	3088.4
12.5°	2966.9
15°	2840.6
17.5°	2699.8
20°	2573.5
22.5°	2442.5
25°	2287.0
27.5°	2073.4
30°	1820.9
32.5°	1524.7
35°	1214.0
37.5°	951.8
40°	723.5
42.5°	539.0
45°	398.3
47.5°	291.3
50°	213.7
52.5°	160.2
55°	121.3
57.5°	92.2
60°	72.9
62.5°	53.5
65°	43.7
67.5°	34.0
70°	24.3
72.5°	19.4
75°	14.6
77.5°	9.7
80°	4.8
82.5°	4.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)