

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: P844324

Luminaire Tested: **LD6C30DE010B2750 EU6C30B40 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844324
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: LD6C30DE010B2750 EU6C30B40 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

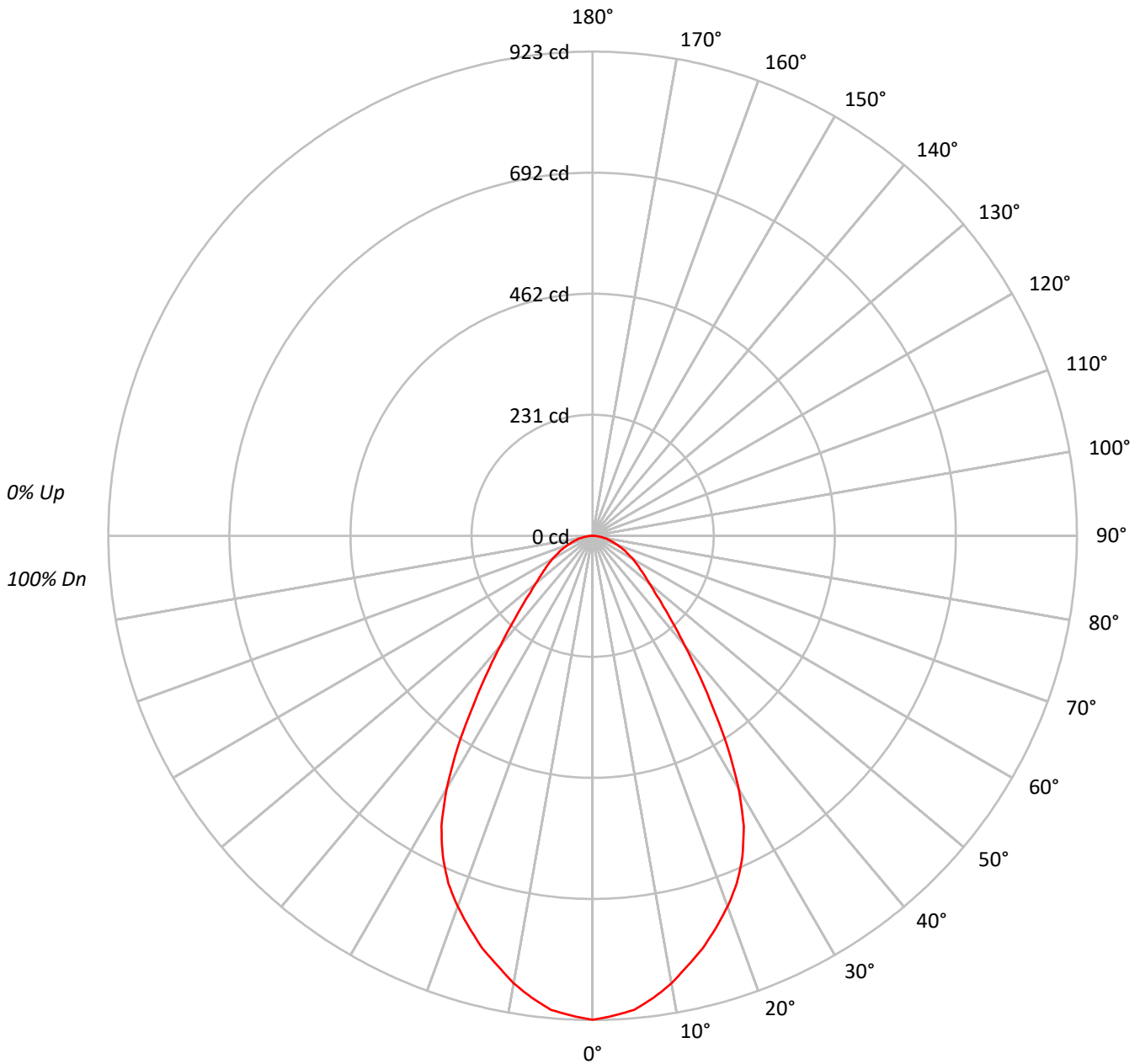
Lumens per Lamp: N/A
Luminaire Lumens: 1236.3 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 34.1
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

TEST NUMBER: P844324

CATALOG NUMBER: LD6C30DE010B2750 EU6C30B40 6LBMB

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°	50577
5°	49923
10°	48223
15°	46164
20°	43870
25°	40847
30°	35189
35°	26702
40°	19529
45°	14808
50°	12068
55°	10590
60°	9714
65°	8847
70°	7918
75°	7223
80°	6472
85°	5346



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.2	6.9
10°-20°	228.3	18.5
20°-30°	306.5	24.8
30°-40°	251.4	20.3
40°-50°	151.0	12.2
50°-60°	100.3	8.1
60°-70°	67.3	5.4
70°-80°	36.2	2.9
80°-90°	10.2	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°	620.0	50.1
0°-40°	871.4	70.5
0°-60°	1122.7	90.8
0°-90°	1236.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1236.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	923	
5°	907	85
15°	813	228
25°	675	306
35°	399	251
45°	191	151
55°	111	100
65°	68	67
75°	34	36
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	922.6
2.5°	915.7
5°	907.2
7.5°	888.4
10°	866.3
12.5°	838.9
15°	813.4
17.5°	782.8
20°	752.0
22.5°	717.9
25°	675.3
27.5°	624.1
30°	555.9
32.5°	479.1
35°	399.0
37.5°	330.8
40°	272.9
42.5°	226.8
45°	191.0
47.5°	162.0
50°	141.5
52.5°	124.5
55°	110.8
57.5°	98.9
60°	88.6
62.5°	76.8
65°	68.2
67.5°	58.0
70°	49.4
72.5°	40.9
75°	34.1
77.5°	27.3
80°	20.5
82.5°	15.3
85°	8.5
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)