

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: P844318

Luminaire Tested: **LD6C30DE010B40 EU6C30B40 6LBCSMB**

Issue Date: 5/7/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P844318  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B40 EU6C30B40 6LBCSMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

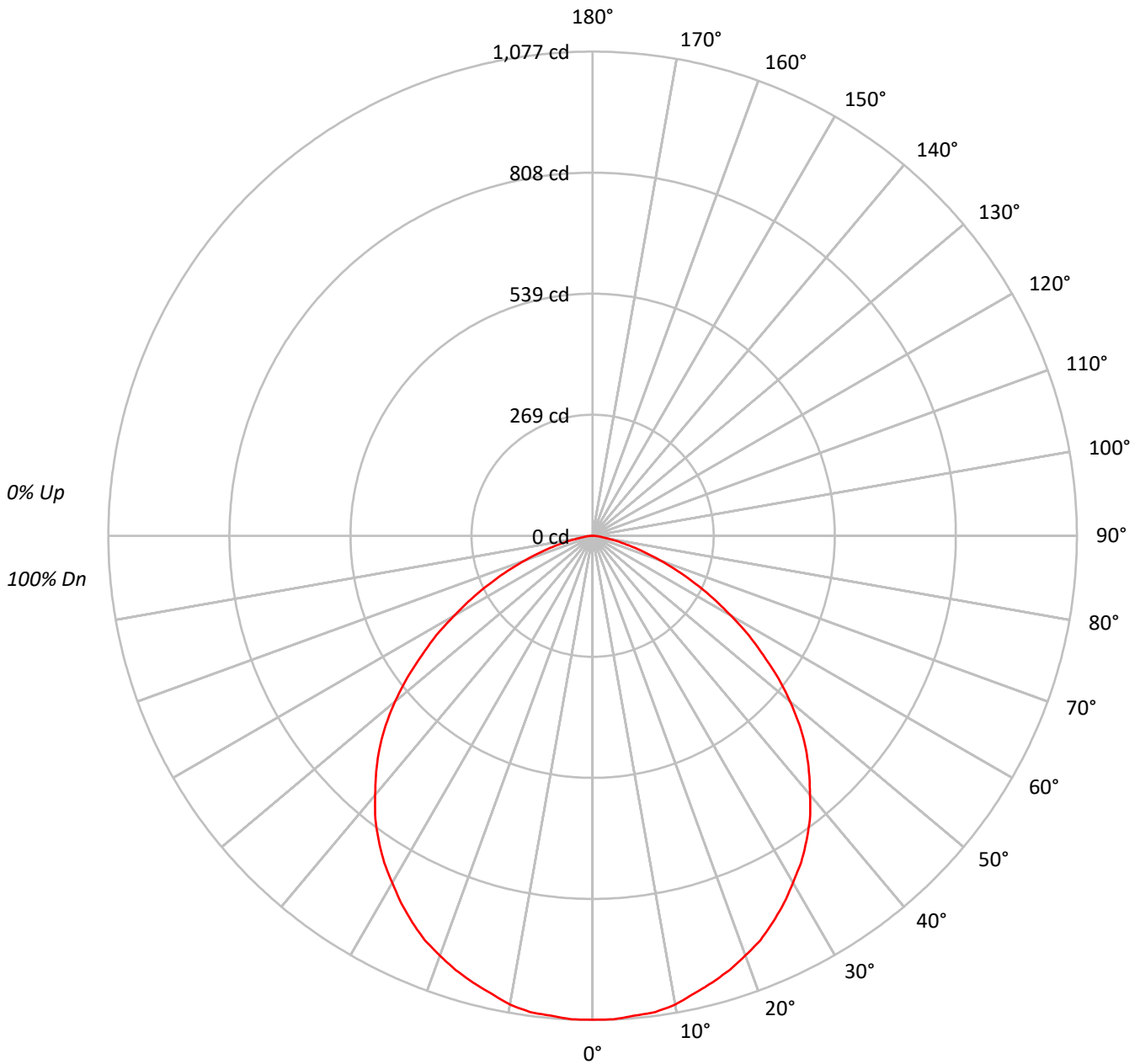
Lumens per Lamp: N/A  
Luminaire Lumens: 2635.6 lumens  
Efficiency: N/A  
Efficacy: 77.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

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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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74			74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63			63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55			55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42			42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37			37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33			33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30			30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27			27

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	59019
5°	58970
10°	58945
15°	58383
20°	57959
25°	57384
30°	56407
35°	55486
40°	53837
45°	52021
50°	48902
55°	44271
60°	38857
65°	32714
70°	25613
75°	17940
80°	10039
85°	6982



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.0	3.9
10°-20°	290.4	11.0
20°-30°	436.8	16.6
30°-40°	517.7	19.6
40°-50°	515.2	19.5
50°-60°	415.3	15.8
60°-70°	251.1	9.5
70°-80°	93.3	3.5
80°-90°	13.8	0.5
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°	829.1	31.5
0°-40°	1346.9	51.1
0°-60°	2277.3	86.4
0°-90°	2635.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2635.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1077	
5°	1072	102
15°	1029	290
25°	949	437
35°	829	518
45°	671	515
55°	463	415
65°	252	251
75°	85	93
85°	11	14
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1076.6
2.5°	1076.6
5°	1071.6
7.5°	1068.5
10°	1058.9
12.5°	1042.8
15°	1028.7
17.5°	1012.7
20°	993.5
22.5°	974.2
25°	948.7
27.5°	921.5
30°	891.1
32.5°	862.5
35°	829.1
37.5°	793.9
40°	752.3
42.5°	712.2
45°	671.0
47.5°	624.4
50°	573.4
52.5°	520.6
55°	463.2
57.5°	412.1
60°	354.4
62.5°	303.4
65°	252.2
67.5°	204.3
70°	159.8
72.5°	119.9
75°	84.7
77.5°	54.3
80°	31.8
82.5°	19.1
85°	11.1
87.5°	4.8
90°	0.0



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— 0°-180°







(END OF REPORT)