

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: P844333

Luminaire Tested: **LD6C30DE010B40 EU6C30B40 6LBWH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844333  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B40 EU6C30B40 6LBWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

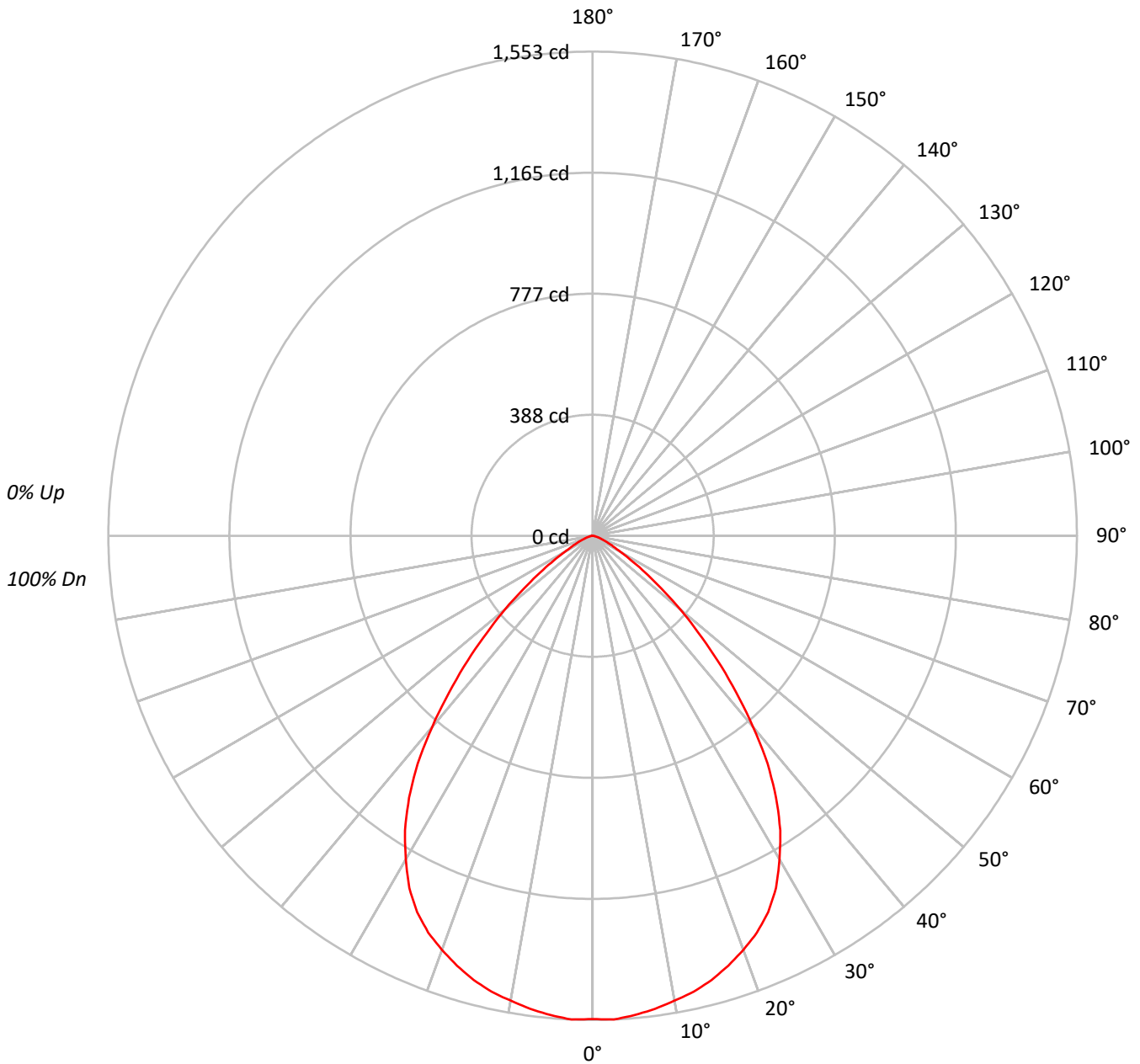
Lumens per Lamp: N/A  
Luminaire Lumens: 2513.0 lumens  
Efficiency: N/A  
Efficacy: 73.7 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
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	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

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

	0°
0°	84966
5°	84933
10°	84284
15°	83718
20°	82444
25°	80557
30°	75853
35°	68643
40°	57315
45°	43927
50°	31112
55°	19612
60°	11063
65°	7173
70°	4696
75°	3452
80°	2084
85°	2076



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.4	5.8
10°-20°	415.4	16.5
20°-30°	609.1	24.2
30°-40°	633.8	25.2
40°-50°	438.6	17.5
50°-60°	191.0	7.6
60°-70°	58.5	2.3
70°-80°	17.6	0.7
80°-90°	2.7	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°	1170.8	46.6
0°-40°	1804.7	71.8
0°-60°	2434.2	96.9
0°-90°	2513.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2513.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1550	
5°	1543	146
15°	1475	415
25°	1332	609
35°	1026	634
45°	567	439
55°	205	191
65°	55	59
75°	16	18
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1549.9
2.5°	1553.1
5°	1543.4
7.5°	1530.5
10°	1514.1
12.5°	1497.8
15°	1475.1
17.5°	1445.7
20°	1413.2
22.5°	1377.4
25°	1331.8
27.5°	1273.2
30°	1198.3
32.5°	1120.0
35°	1025.7
37.5°	921.5
40°	800.9
42.5°	680.6
45°	566.6
47.5°	459.1
50°	364.8
52.5°	276.8
55°	205.2
57.5°	146.6
60°	100.9
62.5°	74.9
65°	55.3
67.5°	42.4
70°	29.3
72.5°	22.8
75°	16.3
77.5°	9.7
80°	6.6
82.5°	3.3
85°	3.3
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)