

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: P844327

Luminaire Tested: **LD6C30DE010B40 EU6C30B40 6LBMLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844327
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205108)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C30DE010B40 EU6C30B40 6LBMLI
Description:
Light Source: -
Ballast/Driver:

Summary

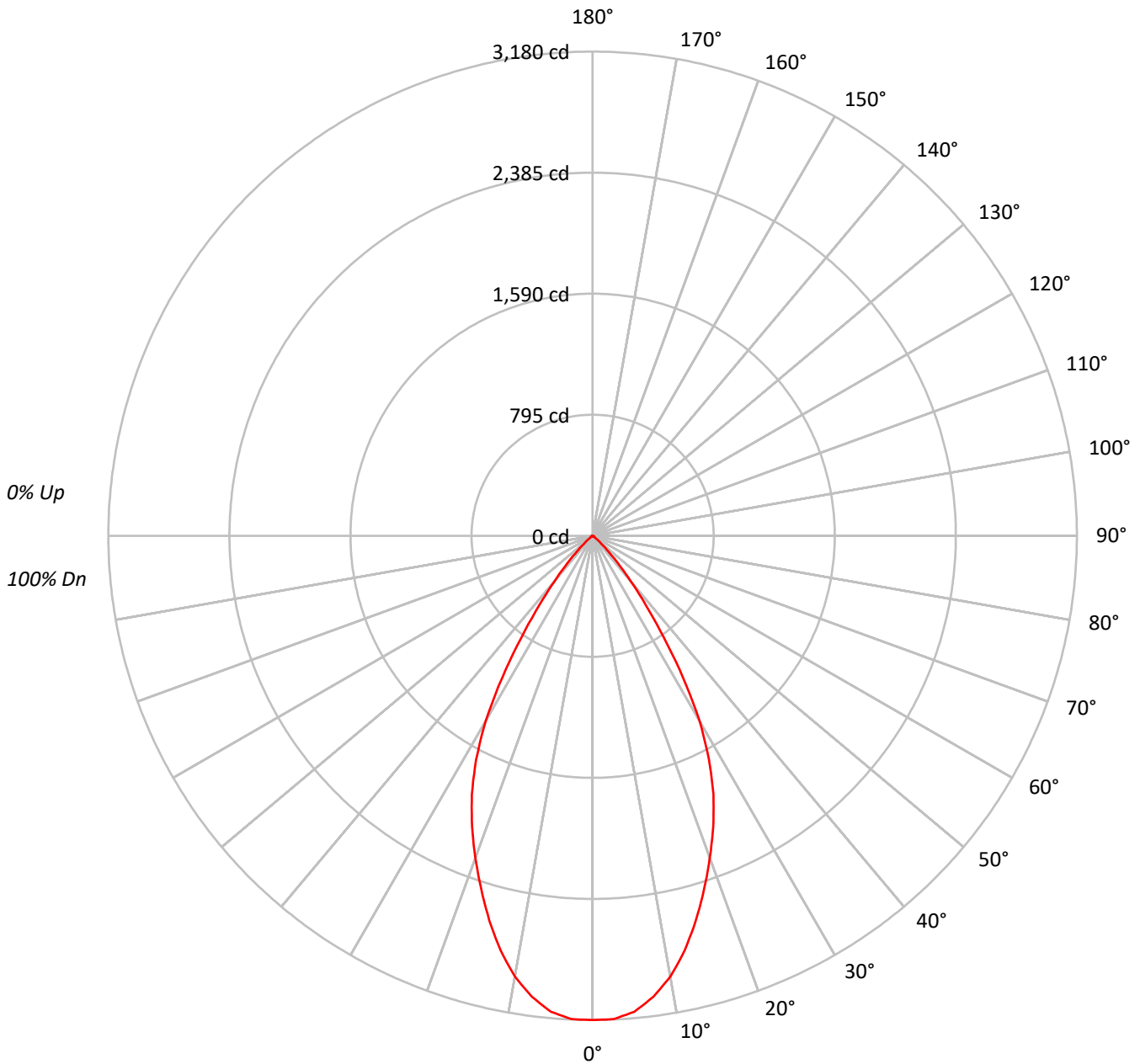
Lumens per Lamp: N/A
Luminaire Lumens: 2541.5 lumens
Efficiency: N/A
Efficacy: 74.5 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94			
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82			
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76			
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71			
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63			
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55			
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174356
5°	172699
10°	163646
15°	148582
20°	131291
25°	113505
30°	88729
35°	54408
40°	27931
45°	11094
50°	3599
55°	1242
60°	1064
65°	856
70°	529
75°	699
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	293.0	11.5
10°-20°	729.5	28.7
20°-30°	848.0	33.4
30°-40°	519.3	20.4
40°-50°	128.9	5.1
50°-60°	15.1	0.6
60°-70°	5.7	0.2
70°-80°	2.2	0.1
80°-90°	0.0	0.0
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°	1870.4	73.6
0°-40°	2389.7	94.0
0°-60°	2533.7	99.7
0°-90°	2541.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2541.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3180	
5°	3138	293
15°	2618	729
25°	1876	848
35°	813	519
45°	143	129
55°	13	15
65°	7	6
75°	3	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3180.5
2.5°	3177.2
5°	3138.3
7.5°	3053.7
10°	2939.8
12.5°	2790.2
15°	2618.0
17.5°	2432.6
20°	2250.5
22.5°	2068.3
25°	1876.5
27.5°	1655.3
30°	1401.7
32.5°	1105.8
35°	813.0
37.5°	572.3
40°	390.3
42.5°	243.9
45°	143.1
47.5°	81.3
50°	42.2
52.5°	19.6
55°	13.0
57.5°	9.7
60°	9.7
62.5°	6.6
65°	6.6
67.5°	3.3
70°	3.3
72.5°	3.3
75°	3.3
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)