

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: P844325

Luminaire Tested: **LD6C30DE010B40 EU6C30B40 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844325
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: LD6C30DE010B40 EU6C30B40 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

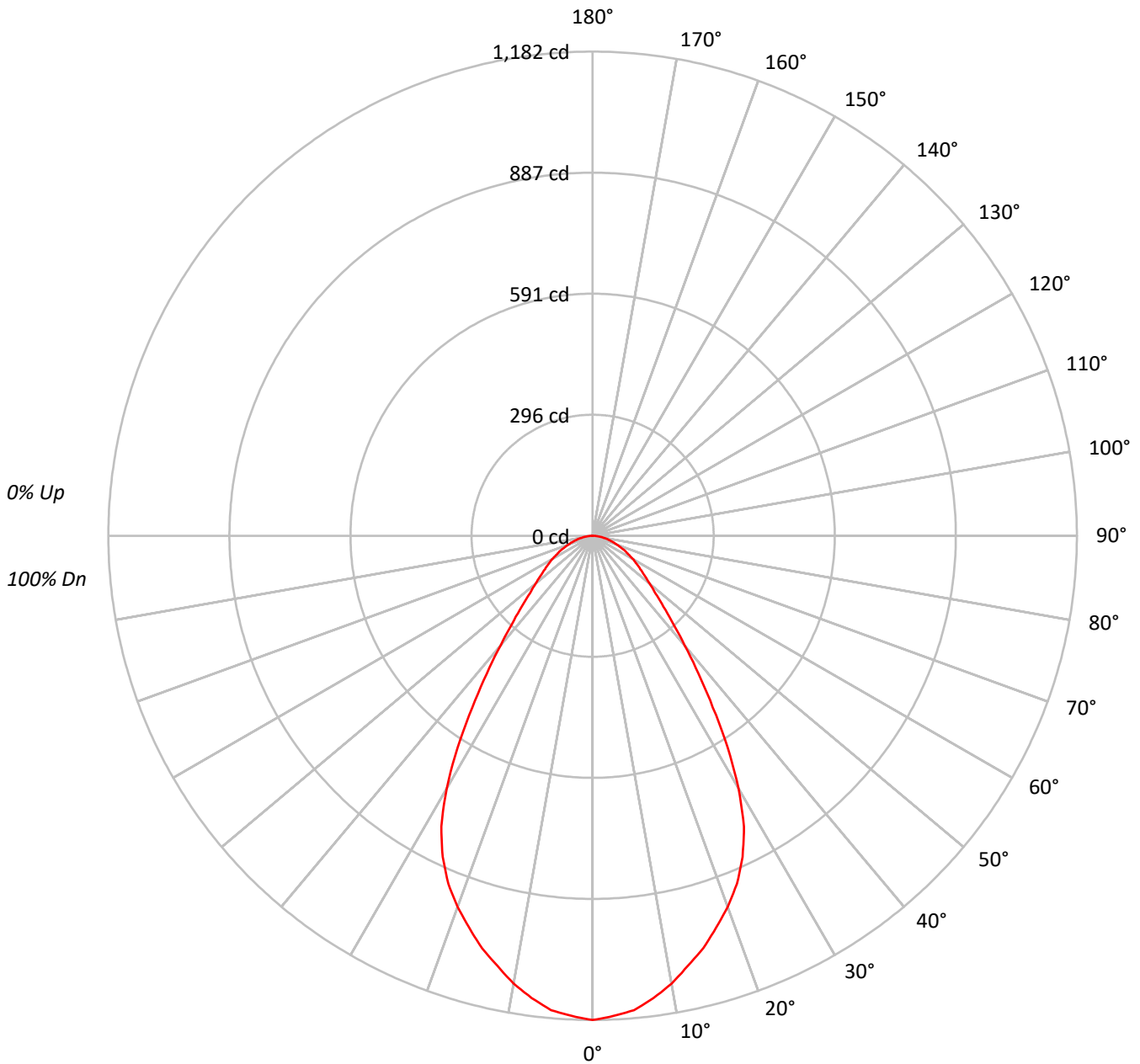
Lumens per Lamp: N/A
Luminaire Lumens: 1584.4 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
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	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64803
5°	63977
10°	61795
15°	59160
20°	56221
25°	52346
30°	45089
35°	34224
40°	25025
45°	18971
50°	15471
55°	13572
60°	12455
65°	11350
70°	10162
75°	9256
80°	8271
85°	6856



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.2	6.9
10°-20°	292.5	18.5
20°-30°	392.8	24.8
30°-40°	322.2	20.3
40°-50°	193.5	12.2
50°-60°	128.5	8.1
60°-70°	86.2	5.4
70°-80°	46.4	2.9
80°-90°	13.1	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°	794.5	50.1
0°-40°	1116.7	70.5
0°-60°	1438.7	90.8
0°-90°	1584.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1584.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1182	
5°	1163	109
15°	1042	293
25°	865	393
35°	511	322
45°	245	193
55°	142	129
65°	88	86
75°	44	46
85°	11	13
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1182.1
2.5°	1173.4
5°	1162.6
7.5°	1138.4
10°	1110.1
12.5°	1075.1
15°	1042.4
17.5°	1003.0
20°	963.7
22.5°	920.0
25°	865.4
27.5°	799.8
30°	712.3
32.5°	614.0
35°	511.4
37.5°	423.9
40°	349.7
42.5°	290.6
45°	244.7
47.5°	207.6
50°	181.4
52.5°	159.5
55°	142.0
57.5°	126.7
60°	113.6
62.5°	98.4
65°	87.5
67.5°	74.4
70°	63.4
72.5°	52.5
75°	43.7
77.5°	34.9
80°	26.2
82.5°	19.7
85°	10.9
87.5°	4.3
90°	0.0



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— 0°-180°







(END OF REPORT)