

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: P844326

Luminaire Tested: **LD6C30DE010B40 EU6C30B40 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C30DE010B40 EU6C30B40 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

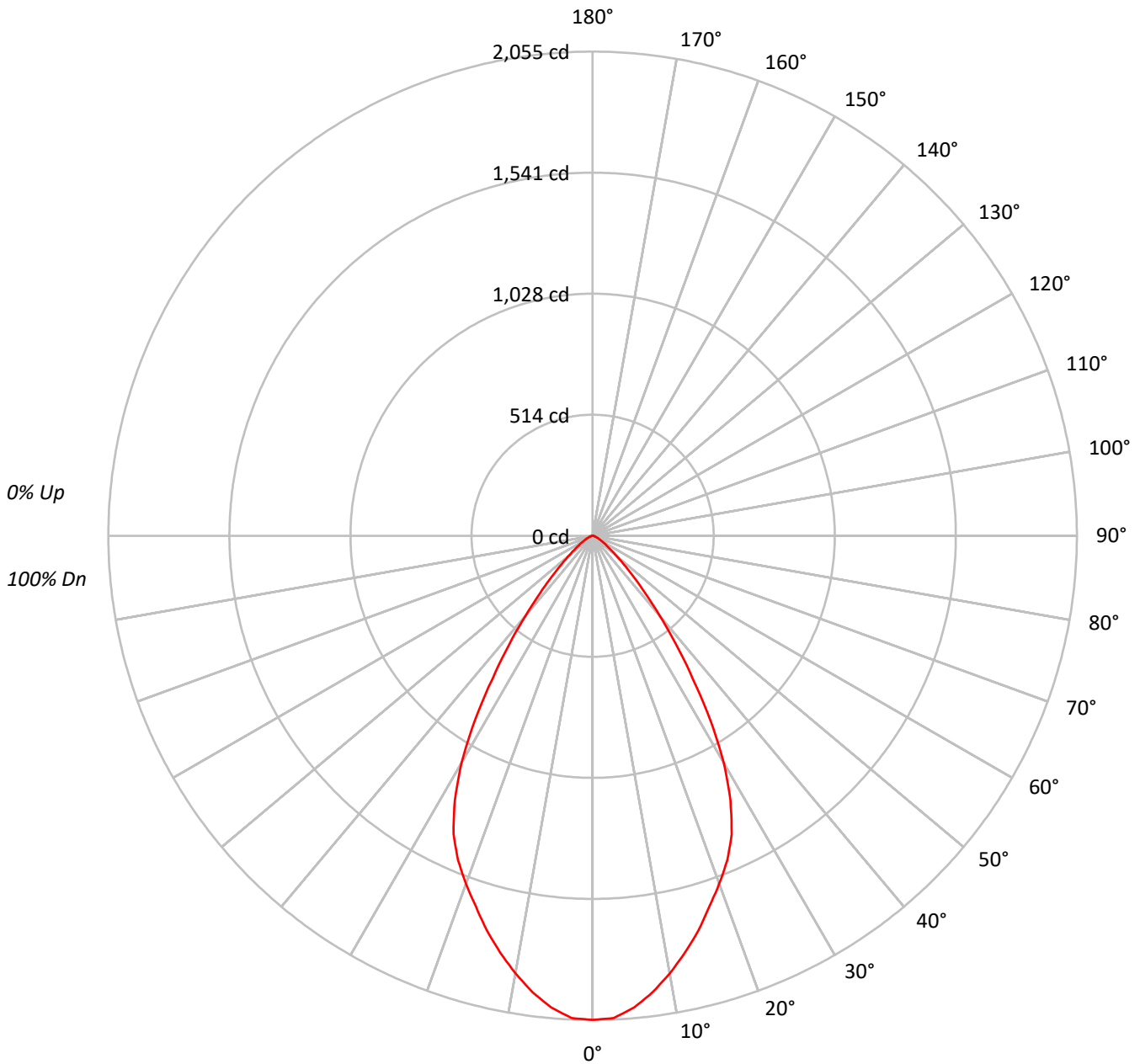
Lumens per Lamp: N/A
Luminaire Lumens: 2076.1 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	100	100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92	92	92	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85	85	85
3	101	94	88	84	99	92	87	84	90	86	82	87	84	81	85	82	80	78	78	78	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	53	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49	49	49	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112639
5°	110615
10°	104969
15°	98434
20°	91667
25°	84465
30°	70378
35°	49603
40°	31616
45°	18847
50°	11130
55°	7073
60°	4868
65°	3463
70°	2388
75°	1885
80°	947
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.9	9.0
10°-20°	486.0	23.4
20°-30°	629.7	30.3
30°-40°	467.5	22.5
40°-50°	197.4	9.5
50°-60°	70.0	3.4
60°-70°	27.1	1.3
70°-80°	9.4	0.5
80°-90°	1.2	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°	1303.6	62.8
0°-40°	1771.1	85.3
0°-60°	2038.5	98.2
0°-90°	2076.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2076.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2055	
5°	2010	188
15°	1734	486
25°	1396	630
35°	741	468
45°	243	197
55°	74	70
65°	27	27
75°	9	9
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2054.7
2.5°	2048.6
5°	2010.1
7.5°	1953.8
10°	1885.7
12.5°	1811.5
15°	1734.4
17.5°	1648.4
20°	1571.3
22.5°	1491.4
25°	1396.4
27.5°	1266.0
30°	1111.8
32.5°	930.9
35°	741.2
37.5°	581.2
40°	441.8
42.5°	329.0
45°	243.1
47.5°	177.9
50°	130.5
52.5°	97.8
55°	74.0
57.5°	56.3
60°	44.4
62.5°	32.7
65°	26.7
67.5°	20.7
70°	14.9
72.5°	11.8
75°	8.9
77.5°	5.9
80°	3.0
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)