

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: P844337

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844337
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: LD6C30DE010B50 EU6C30B50 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

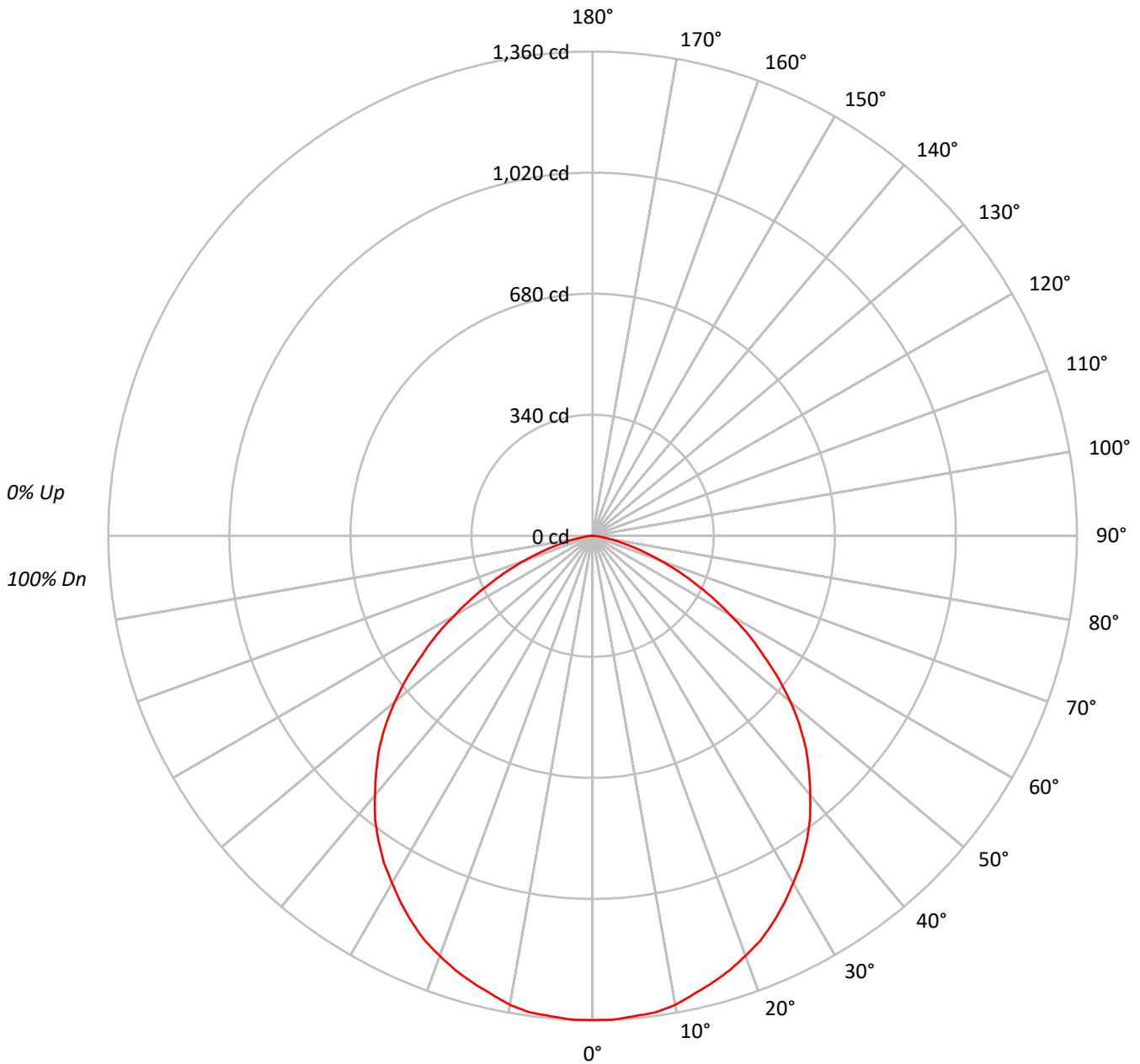
Lumens per Lamp: N/A
Luminaire Lumens: 3330.5 lumens
Efficiency: N/A
Efficacy: 97.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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°	74577
5°	74521
10°	74486
15°	73775
20°	73238
25°	72512
30°	71283
35°	70109
40°	68035
45°	65728
50°	61806
55°	55950
60°	49108
65°	41353
70°	32361
75°	22664
80°	12723
85°	8869



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.9	3.9
10°-20°	366.9	11.0
20°-30°	552.0	16.6
30°-40°	654.2	19.6
40°-50°	651.0	19.5
50°-60°	524.8	15.8
60°-70°	317.4	9.5
70°-80°	117.9	3.5
80°-90°	17.5	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°	1047.8	31.5
0°-40°	1702.0	51.1
0°-60°	2877.7	86.4
0°-90°	3330.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3330.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1360	
5°	1354	129
15°	1300	367
25°	1199	552
35°	1048	654
45°	848	651
55°	585	525
65°	319	317
75°	107	118
85°	14	17
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1360.4
2.5°	1360.4
5°	1354.2
7.5°	1350.3
10°	1338.1
12.5°	1317.8
15°	1299.9
17.5°	1279.6
20°	1255.4
22.5°	1231.0
25°	1198.8
27.5°	1164.6
30°	1126.1
32.5°	1090.0
35°	1047.6
37.5°	1003.2
40°	950.7
42.5°	900.0
45°	847.8
47.5°	789.1
50°	724.7
52.5°	657.8
55°	585.4
57.5°	520.7
60°	447.9
62.5°	383.5
65°	318.8
67.5°	258.3
70°	201.9
72.5°	151.5
75°	107.0
77.5°	68.6
80°	40.3
82.5°	24.1
85°	14.1
87.5°	5.9
90°	0.0



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— 0°-180°







(END OF REPORT)