

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: P844286

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844286
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: LD6C30DE010B2750 EU6C30B30 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

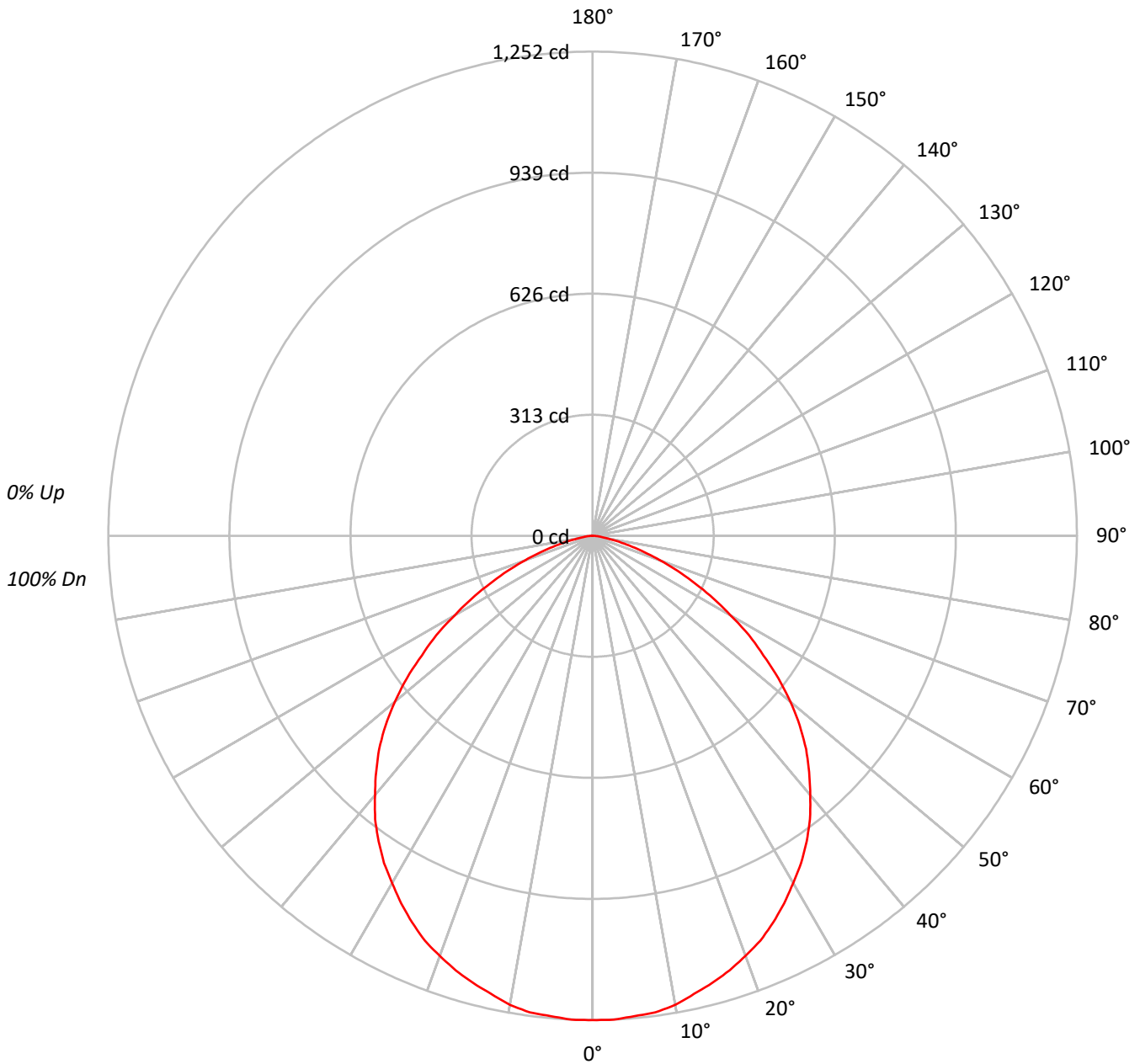
Lumens per Lamp: N/A
Luminaire Lumens: 3066.1 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LD6C30DE010B2750 EU6C30B30 6LBCSMW

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°	68657
5°	68600
10°	68569
15°	67918
20°	67428
25°	66754
30°	65624
35°	64547
40°	62632
45°	60510
50°	56902
55°	51506
60°	45216
65°	38072
70°	29781
75°	20884
80°	11681
85°	8114



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	3.9
10°-20°	337.8	11.0
20°-30°	508.1	16.6
30°-40°	602.3	19.6
40°-50°	599.3	19.5
50°-60°	483.1	15.8
60°-70°	292.2	9.5
70°-80°	108.5	3.5
80°-90°	16.1	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°	964.6	31.5
0°-40°	1566.8	51.1
0°-60°	2649.2	86.4
0°-90°	3066.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3066.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1252	
5°	1247	119
15°	1197	338
25°	1104	508
35°	964	602
45°	780	599
55°	539	483
65°	294	292
75°	99	109
85°	13	16
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1252.4
2.5°	1252.4
5°	1246.6
7.5°	1243.1
10°	1231.8
12.5°	1213.2
15°	1196.7
17.5°	1178.0
20°	1155.8
22.5°	1133.3
25°	1103.6
27.5°	1072.0
30°	1036.7
32.5°	1003.4
35°	964.5
37.5°	923.5
40°	875.2
42.5°	828.6
45°	780.5
47.5°	726.4
50°	667.2
52.5°	605.6
55°	538.9
57.5°	479.3
60°	412.4
62.5°	353.0
65°	293.5
67.5°	237.8
70°	185.8
72.5°	139.5
75°	98.6
77.5°	63.1
80°	37.0
82.5°	22.2
85°	12.9
87.5°	5.5
90°	0.0



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— 0°-180°







(END OF REPORT)