

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: P844320

Luminaire Tested: **LD6C30DE010B2750 EU6C30B40 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844320
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 EU6C30B40 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

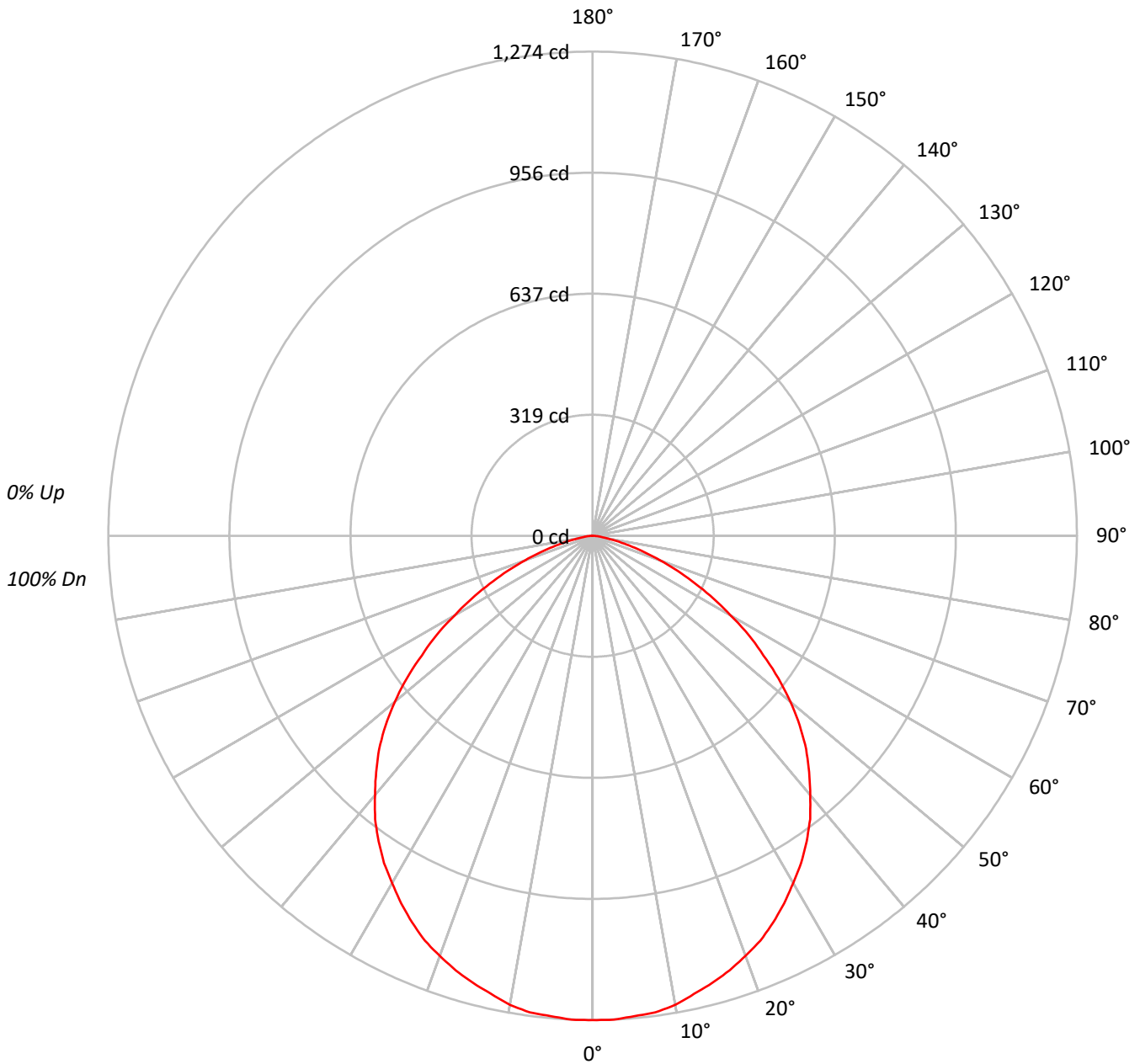
Lumens per Lamp: N/A
Luminaire Lumens: 3120.1 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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°	69863
5°	69811
10°	69777
15°	69115
20°	68612
25°	67927
30°	66776
35°	65678
40°	63734
45°	61580
50°	57900
55°	52414
60°	46005
65°	38746
70°	30310
75°	21244
80°	11933
85°	8240



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.7	3.9
10°-20°	343.7	11.0
20°-30°	517.1	16.6
30°-40°	612.8	19.6
40°-50°	609.9	19.5
50°-60°	491.6	15.8
60°-70°	297.4	9.5
70°-80°	110.5	3.5
80°-90°	16.4	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°	981.5	31.5
0°-40°	1594.4	51.1
0°-60°	2695.8	86.4
0°-90°	3120.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3120.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1274	
5°	1269	121
15°	1218	344
25°	1123	517
35°	981	613
45°	794	610
55°	548	492
65°	299	297
75°	100	110
85°	13	16
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1274.4
2.5°	1274.4
5°	1268.6
7.5°	1264.9
10°	1253.5
12.5°	1234.5
15°	1217.8
17.5°	1198.7
20°	1176.1
22.5°	1153.2
25°	1123.0
27.5°	1090.9
30°	1054.9
32.5°	1021.0
35°	981.4
37.5°	939.8
40°	890.6
42.5°	843.1
45°	794.3
47.5°	739.2
50°	678.9
52.5°	616.3
55°	548.4
57.5°	487.8
60°	419.6
62.5°	359.3
65°	298.7
67.5°	241.9
70°	189.1
72.5°	141.9
75°	100.3
77.5°	64.3
80°	37.8
82.5°	22.6
85°	13.1
87.5°	5.6
90°	0.0



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— 0°-180°







(END OF REPORT)