

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: P844284

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844284
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 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

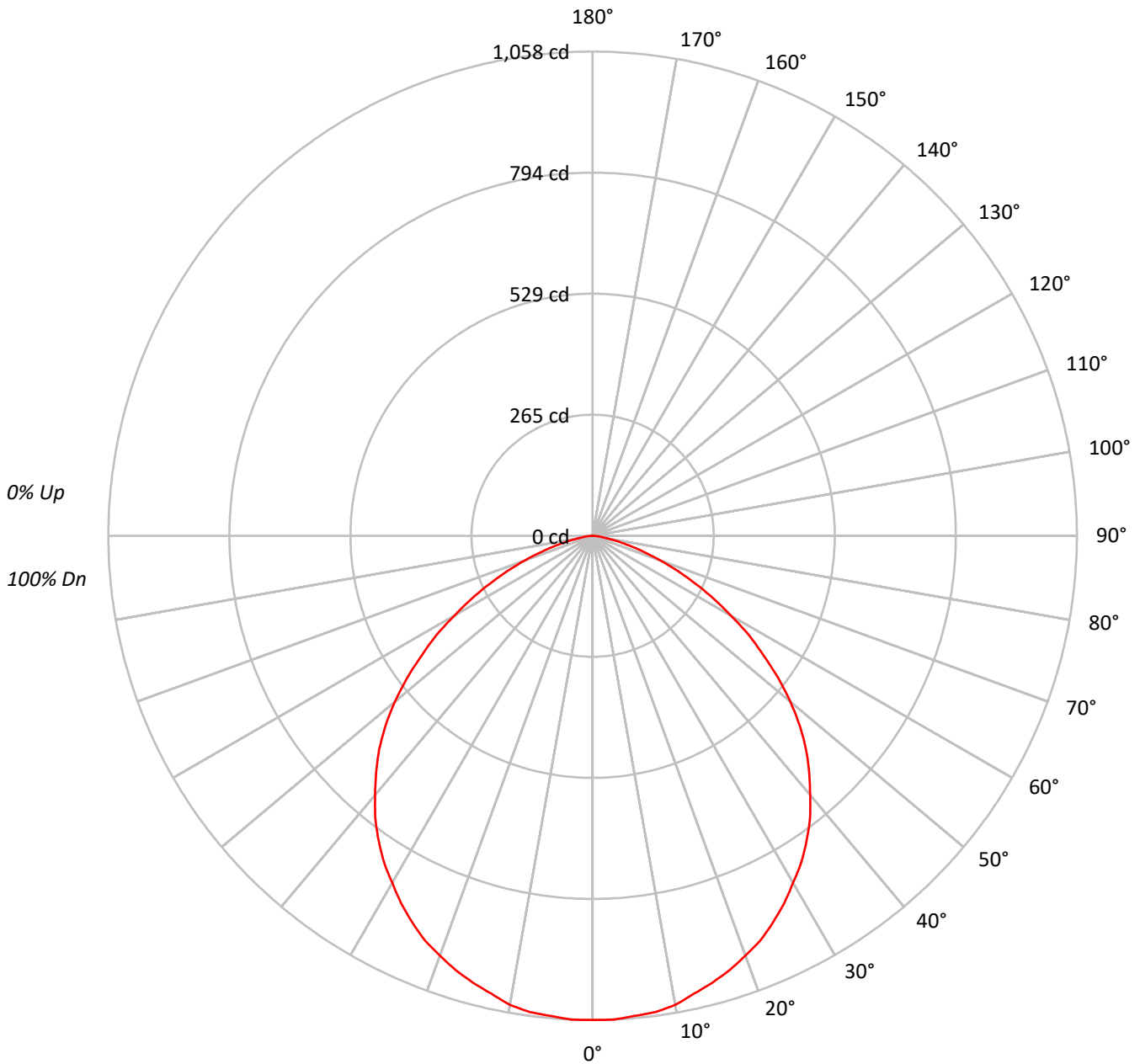
Lumens per Lamp: N/A
Luminaire Lumens: 2590.2 lumens
Efficiency: N/A
Efficacy: 76.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	58005
5°	57957
10°	57926
15°	57373
20°	56962
25°	56392
30°	55433
35°	54522
40°	52913
45°	51114
50°	48067
55°	43516
60°	38199
65°	32156
70°	25181
75°	17622
80°	9881
85°	6856



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.2	3.9
10°-20°	285.4	11.0
20°-30°	429.3	16.6
30°-40°	508.8	19.6
40°-50°	506.3	19.5
50°-60°	408.1	15.8
60°-70°	246.9	9.5
70°-80°	91.7	3.5
80°-90°	13.6	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°	814.8	31.5
0°-40°	1323.6	51.1
0°-60°	2238.0	86.4
0°-90°	2590.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2590.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1058	
5°	1053	100
15°	1011	285
25°	932	429
35°	815	509
45°	659	506
55°	455	408
65°	248	247
75°	83	92
85°	11	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1058.1
2.5°	1058.1
5°	1053.2
7.5°	1050.1
10°	1040.6
12.5°	1024.8
15°	1010.9
17.5°	995.1
20°	976.4
22.5°	957.4
25°	932.3
27.5°	905.7
30°	875.7
32.5°	847.7
35°	814.7
37.5°	780.2
40°	739.4
42.5°	699.9
45°	659.3
47.5°	613.6
50°	563.6
52.5°	511.6
55°	455.3
57.5°	405.0
60°	348.4
62.5°	298.3
65°	247.9
67.5°	200.8
70°	157.1
72.5°	117.8
75°	83.2
77.5°	53.3
80°	31.3
82.5°	18.8
85°	10.9
87.5°	4.7
90°	0.0



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— 0°-180°







(END OF REPORT)