

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: P844285

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBCSMMS**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844285
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 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

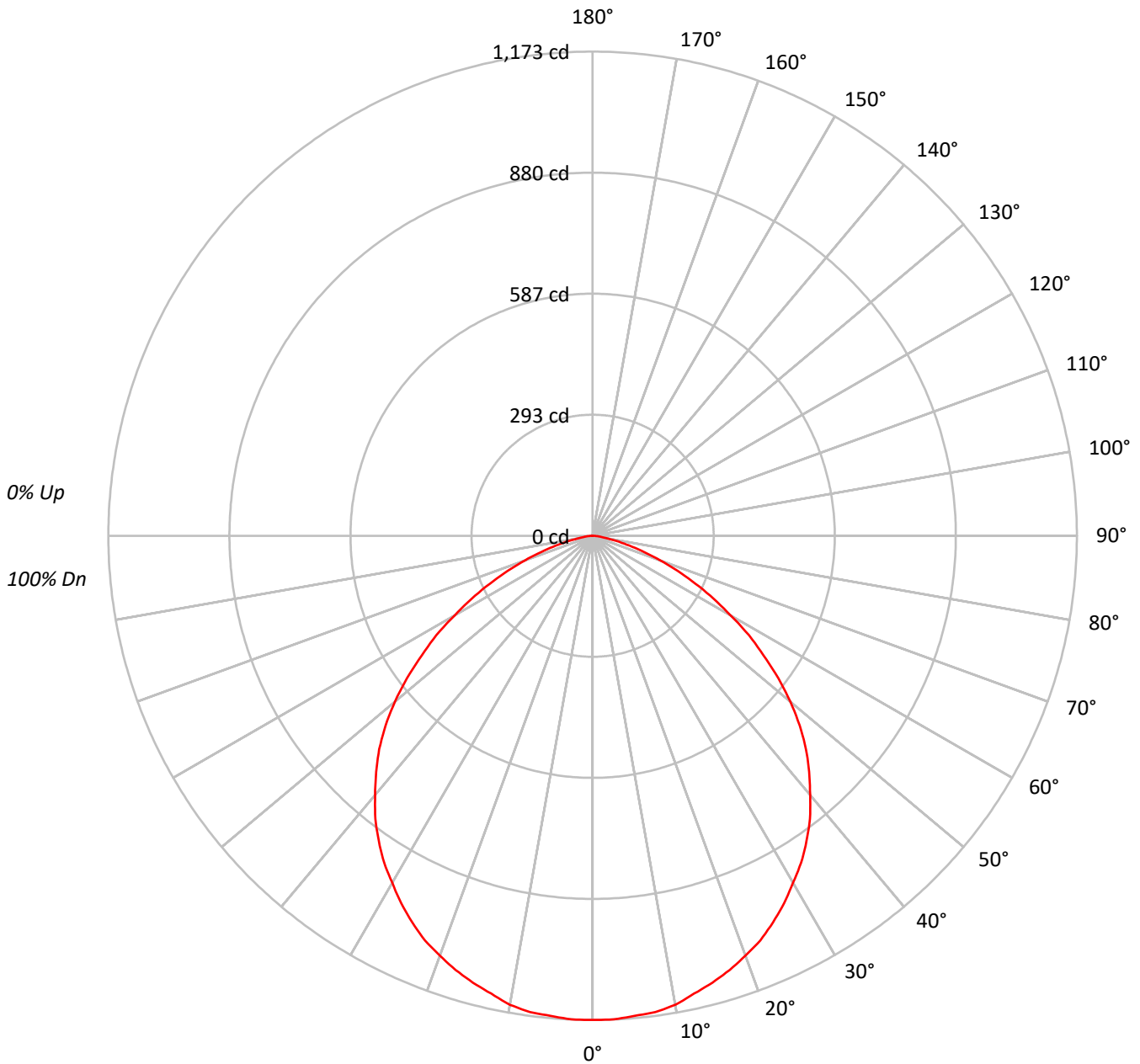
Lumens per Lamp: N/A
Luminaire Lumens: 2871.4 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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 6LBCSMMS

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°	64299
5°	64247
10°	64222
15°	63610
20°	63145
25°	62520
30°	61452
35°	60445
40°	58660
45°	56665
50°	53278
55°	48237
60°	42332
65°	35659
70°	27905
75°	19550
80°	10955
85°	7611



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	3.9
10°-20°	316.4	11.0
20°-30°	475.9	16.6
30°-40°	564.0	19.6
40°-50°	561.2	19.5
50°-60°	452.4	15.8
60°-70°	273.7	9.5
70°-80°	101.6	3.5
80°-90°	15.1	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°	903.3	31.5
0°-40°	1467.4	51.1
0°-60°	2481.0	86.4
0°-90°	2871.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2871.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1173	
5°	1168	111
15°	1121	316
25°	1034	476
35°	903	564
45°	731	561
55°	505	452
65°	275	274
75°	92	102
85°	12	15
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1172.9
2.5°	1172.9
5°	1167.5
7.5°	1164.2
10°	1153.7
12.5°	1136.2
15°	1120.8
17.5°	1103.2
20°	1082.4
22.5°	1061.3
25°	1033.6
27.5°	1004.0
30°	970.8
32.5°	939.7
35°	903.2
37.5°	864.9
40°	819.7
42.5°	776.0
45°	730.9
47.5°	680.3
50°	624.7
52.5°	567.2
55°	504.7
57.5°	449.0
60°	386.1
62.5°	330.6
65°	274.9
67.5°	222.6
70°	174.1
72.5°	130.6
75°	92.3
77.5°	59.1
80°	34.7
82.5°	20.8
85°	12.1
87.5°	5.2
90°	0.0



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— 0°-180°







(END OF REPORT)