

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: P844311

Luminaire Tested: **LD6C30DE010B2750 EU6C30B35 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844311
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C30DE010B2750 EU6C30B35 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

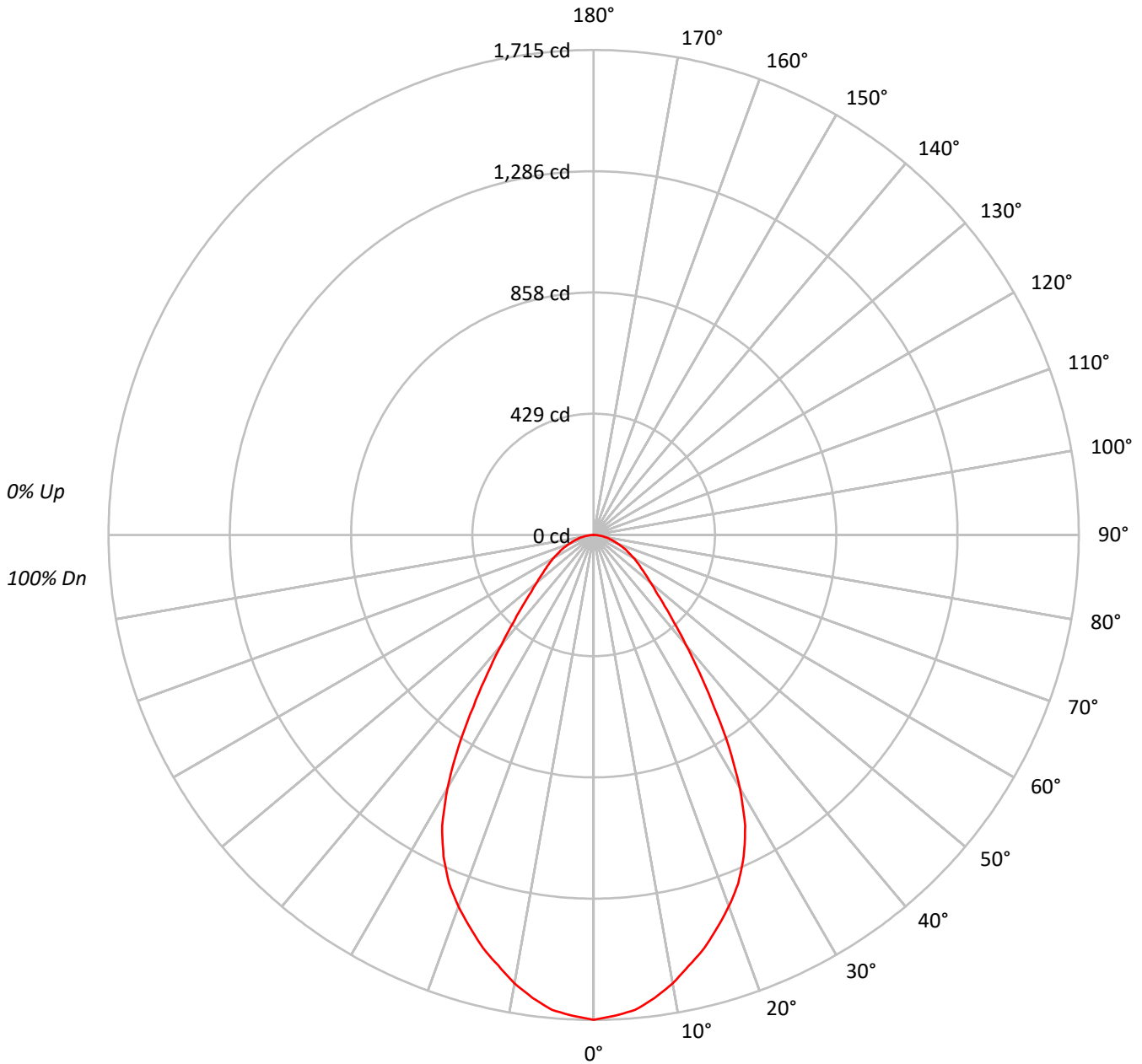
Lumens per Lamp: N/A
Luminaire Lumens: 2298.2 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89				89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79				79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71				71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64				64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58				58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53				53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48				48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44				44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41				41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38				38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94006
5°	92796
10°	89633
15°	85812
20°	81551
25°	75930
30°	65409
35°	49637
40°	36289
45°	27522
50°	22438
55°	19689
60°	18069
65°	16448
70°	14730
75°	13429
80°	12028
85°	10001



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.4	6.9
10°-20°	424.3	18.5
20°-30°	569.7	24.8
30°-40°	467.3	20.3
40°-50°	280.6	12.2
50°-60°	186.5	8.1
60°-70°	125.0	5.4
70°-80°	67.3	2.9
80°-90°	19.0	0.8
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°	1152.5	50.1
0°-40°	1619.8	70.5
0°-60°	2086.9	90.8
0°-90°	2298.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2298.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1715	
5°	1686	158
15°	1512	424
25°	1255	570
35°	742	467
45°	355	281
55°	206	186
65°	127	125
75°	63	67
85°	16	19
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1714.8
2.5°	1702.2
5°	1686.3
7.5°	1651.5
10°	1610.2
12.5°	1559.5
15°	1512.0
17.5°	1454.9
20°	1397.9
22.5°	1334.5
25°	1255.3
27.5°	1160.1
30°	1033.3
32.5°	890.6
35°	741.7
37.5°	614.9
40°	507.1
42.5°	421.6
45°	355.0
47.5°	301.1
50°	263.1
52.5°	231.4
55°	206.0
57.5°	183.8
60°	164.8
62.5°	142.7
65°	126.8
67.5°	107.8
70°	91.9
72.5°	76.0
75°	63.4
77.5°	50.7
80°	38.1
82.5°	28.6
85°	15.9
87.5°	6.3
90°	0.0



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— 0°-180°







(END OF REPORT)