

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: P844277

Luminaire Tested: **LD6C30DE010B2750 EU6C30B27 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844277
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 EU6C30B27 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

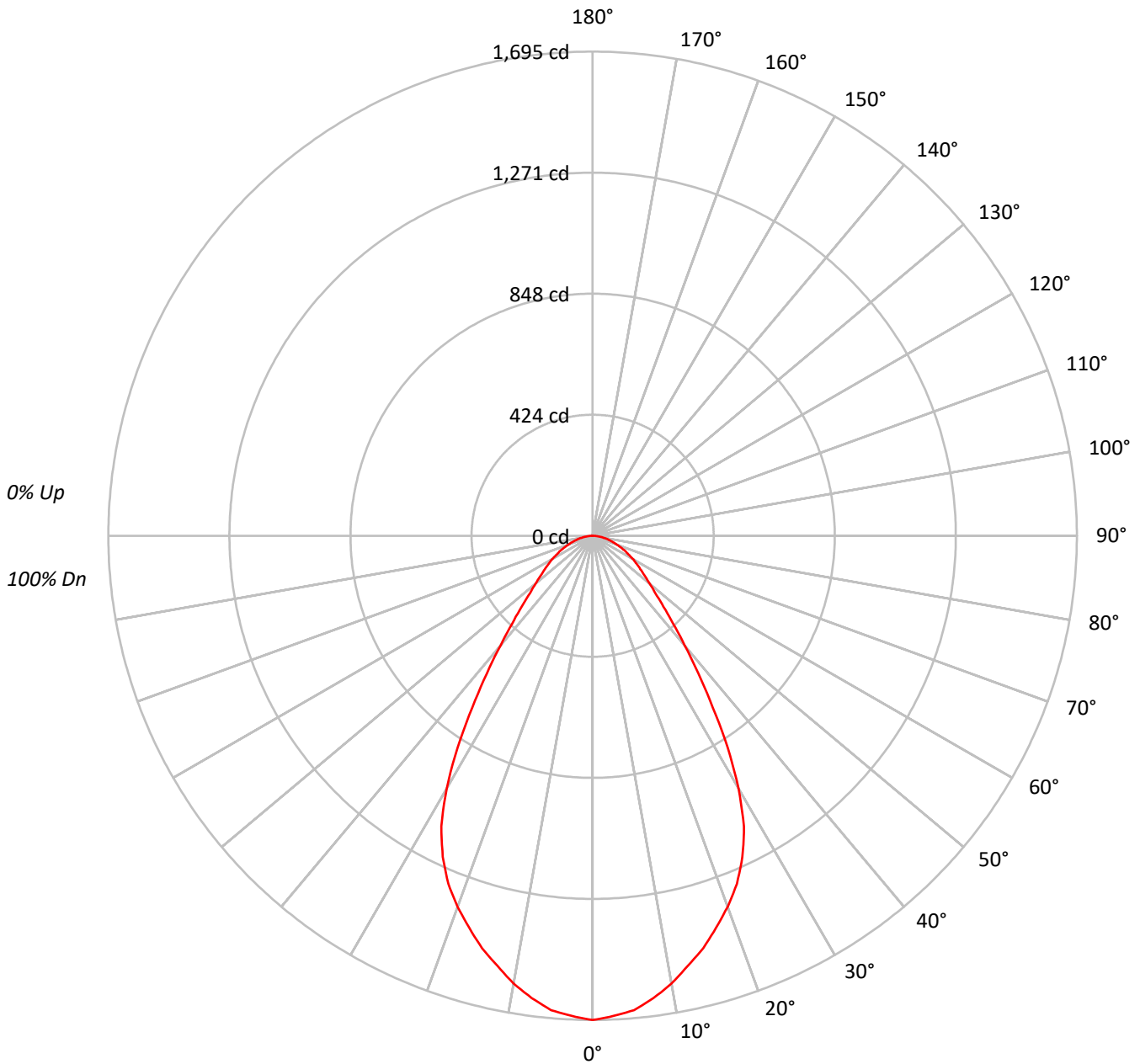
Lumens per Lamp: N/A
Luminaire Lumens: 2271.8 lumens
Efficiency: N/A
Efficacy: 66.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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°	92926
5°	91729
10°	88603
15°	84825
20°	80612
25°	75053
30°	64662
35°	49075
40°	35874
45°	27204
50°	22183
55°	19469
60°	17860
65°	16253
70°	14570
75°	13259
80°	11902
85°	9875



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.6	6.9
10°-20°	419.4	18.5
20°-30°	563.2	24.8
30°-40°	462.0	20.3
40°-50°	277.4	12.2
50°-60°	184.4	8.1
60°-70°	123.6	5.4
70°-80°	66.5	2.9
80°-90°	18.7	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°	1139.2	50.1
0°-40°	1601.2	70.5
0°-60°	2063.0	90.8
0°-90°	2271.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2271.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1695	
5°	1667	157
15°	1495	419
25°	1241	563
35°	733	462
45°	351	277
55°	204	184
65°	125	124
75°	63	66
85°	16	19
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1695.1
2.5°	1682.6
5°	1666.9
7.5°	1632.5
10°	1591.7
12.5°	1541.6
15°	1494.6
17.5°	1438.2
20°	1381.8
22.5°	1319.2
25°	1240.8
27.5°	1146.8
30°	1021.5
32.5°	880.5
35°	733.3
37.5°	607.8
40°	501.3
42.5°	416.7
45°	350.9
47.5°	297.6
50°	260.1
52.5°	228.8
55°	203.7
57.5°	181.7
60°	162.9
62.5°	141.0
65°	125.3
67.5°	106.5
70°	90.9
72.5°	75.2
75°	62.6
77.5°	50.1
80°	37.7
82.5°	28.1
85°	15.7
87.5°	6.2
90°	0.0



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— 0°-180°







(END OF REPORT)