

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: P844342

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844342
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: LD6C30DE010B50 EU6C30B50 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

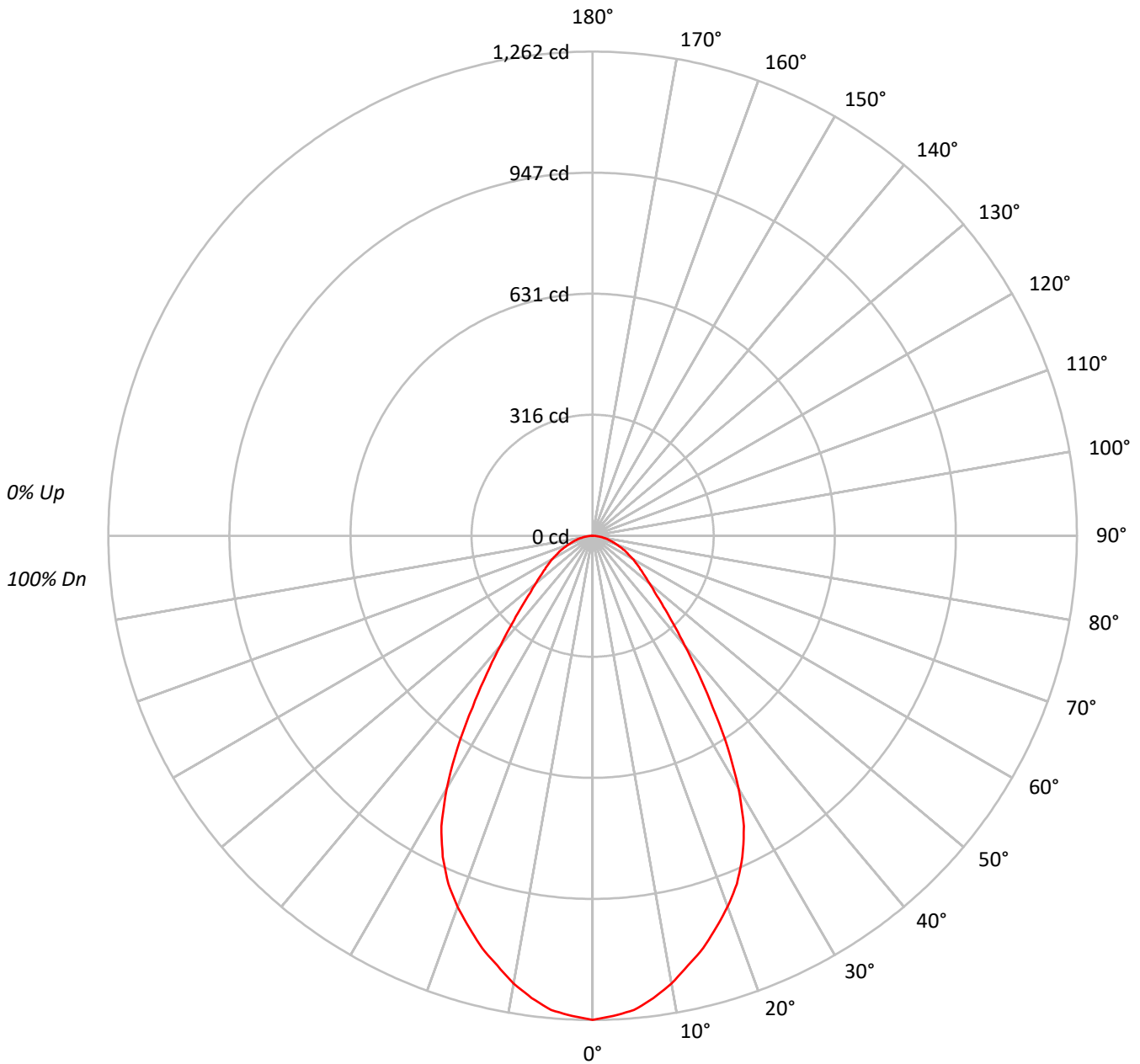
Lumens per Lamp: N/A
Luminaire Lumens: 1691.0 lumens
Efficiency: N/A
Efficacy: 49.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69178
5°	68286
10°	65958
15°	63145
20°	60013
25°	55866
30°	48128
35°	36527
40°	26700
45°	20250
50°	16520
55°	14489
60°	13299
65°	12102
70°	10835
75°	9870
80°	8840
85°	7296



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.6	6.9
10°-20°	312.2	18.5
20°-30°	419.2	24.8
30°-40°	343.9	20.3
40°-50°	206.5	12.2
50°-60°	137.3	8.1
60°-70°	92.0	5.4
70°-80°	49.5	2.9
80°-90°	13.9	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°	848.0	50.1
0°-40°	1191.9	70.5
0°-60°	1535.7	90.8
0°-90°	1691.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1691.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1262	
5°	1241	117
15°	1113	312
25°	924	419
35°	546	344
45°	261	207
55°	152	137
65°	93	92
75°	47	49
85°	12	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1261.9
2.5°	1252.6
5°	1240.9
7.5°	1215.2
10°	1184.9
12.5°	1147.5
15°	1112.6
17.5°	1070.6
20°	1028.7
22.5°	982.0
25°	923.6
27.5°	853.7
30°	760.3
32.5°	655.4
35°	545.8
37.5°	452.5
40°	373.1
42.5°	310.2
45°	261.2
47.5°	221.6
50°	193.7
52.5°	170.3
55°	151.6
57.5°	135.3
60°	121.3
62.5°	104.9
65°	93.3
67.5°	79.3
70°	67.6
72.5°	55.9
75°	46.6
77.5°	37.3
80°	28.0
82.5°	20.9
85°	11.6
87.5°	4.7
90°	0.0



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— 0°-180°







(END OF REPORT)