

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: P844056

Luminaire Tested: **LD6C15DE010B35 EU6C15B35 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844056
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: LD6C15DE010B35 EU6C15B35 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

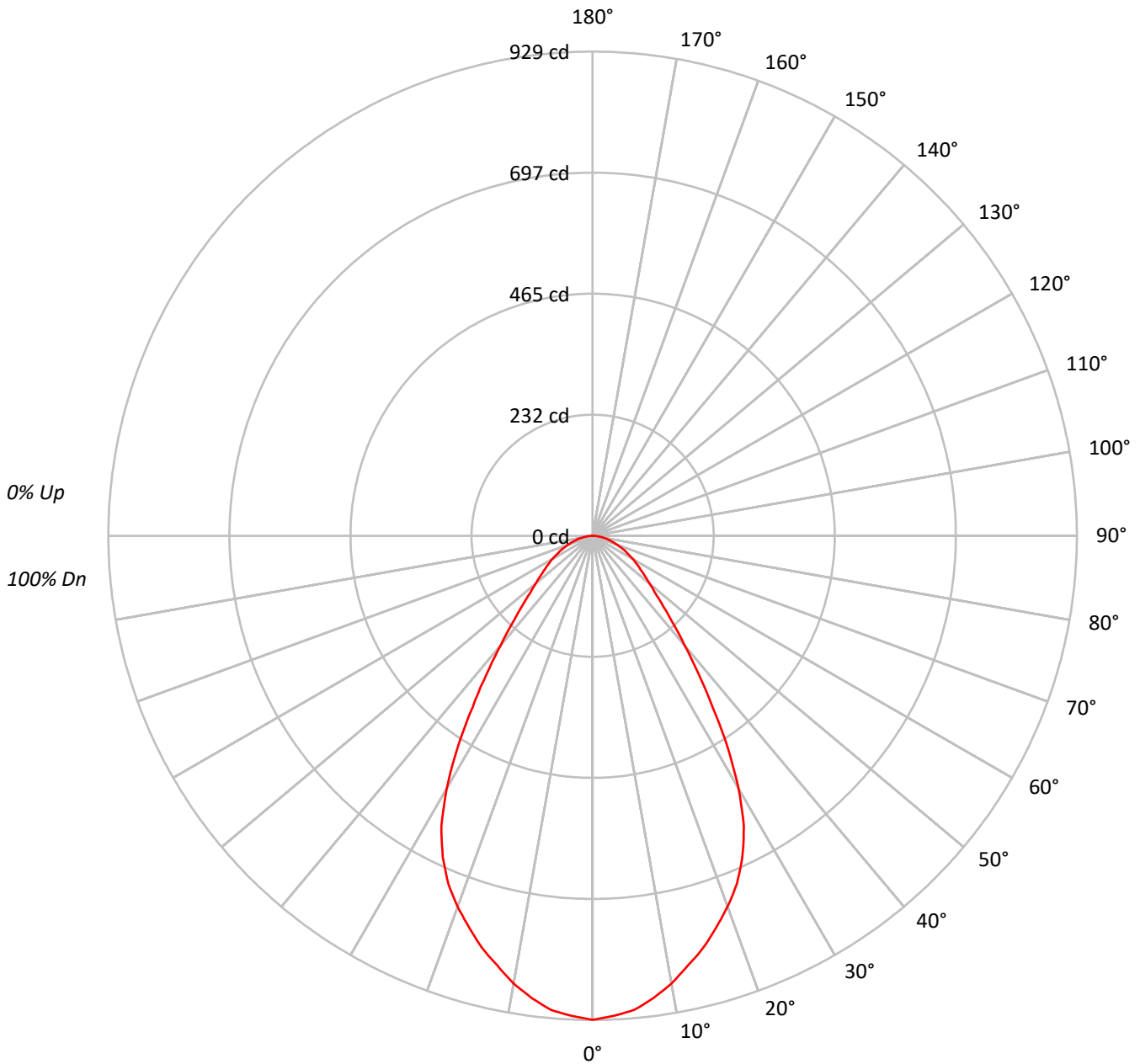
Lumens per Lamp: N/A
Luminaire Lumens: 1244.9 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
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°	50917
5°	50264
10°	48552
15°	46482
20°	44174
25°	41131
30°	35430
35°	26890
40°	19658
45°	14909
50°	12162
55°	10666
60°	9791
65°	8911
70°	7982
75°	7286
80°	6503
85°	5409



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	6.9
10°-20°	229.8	18.5
20°-30°	308.6	24.8
30°-40°	253.1	20.3
40°-50°	152.0	12.2
50°-60°	101.0	8.1
60°-70°	67.7	5.4
70°-80°	36.5	2.9
80°-90°	10.3	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°	624.3	50.1
0°-40°	877.4	70.5
0°-60°	1130.4	90.8
0°-90°	1244.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1244.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	929	
5°	913	86
15°	819	230
25°	680	309
35°	402	253
45°	192	152
55°	112	101
65°	69	68
75°	34	36
85°	9	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	928.8
2.5°	921.9
5°	913.4
7.5°	894.5
10°	872.2
12.5°	844.7
15°	819.0
17.5°	788.0
20°	757.2
22.5°	722.9
25°	680.0
27.5°	628.4
30°	559.7
32.5°	482.4
35°	401.8
37.5°	333.0
40°	274.7
42.5°	228.3
45°	192.3
47.5°	163.1
50°	142.6
52.5°	125.3
55°	111.6
57.5°	99.6
60°	89.3
62.5°	77.3
65°	68.7
67.5°	58.4
70°	49.8
72.5°	41.2
75°	34.4
77.5°	27.5
80°	20.6
82.5°	15.4
85°	8.6
87.5°	3.4
90°	0.0



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— 0°-180°







(END OF REPORT)