

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: P844386

Luminaire Tested: **LD6C35DE010B35 EU6C35B35 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844386
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: LD6C35DE010B35 EU6C35B35 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

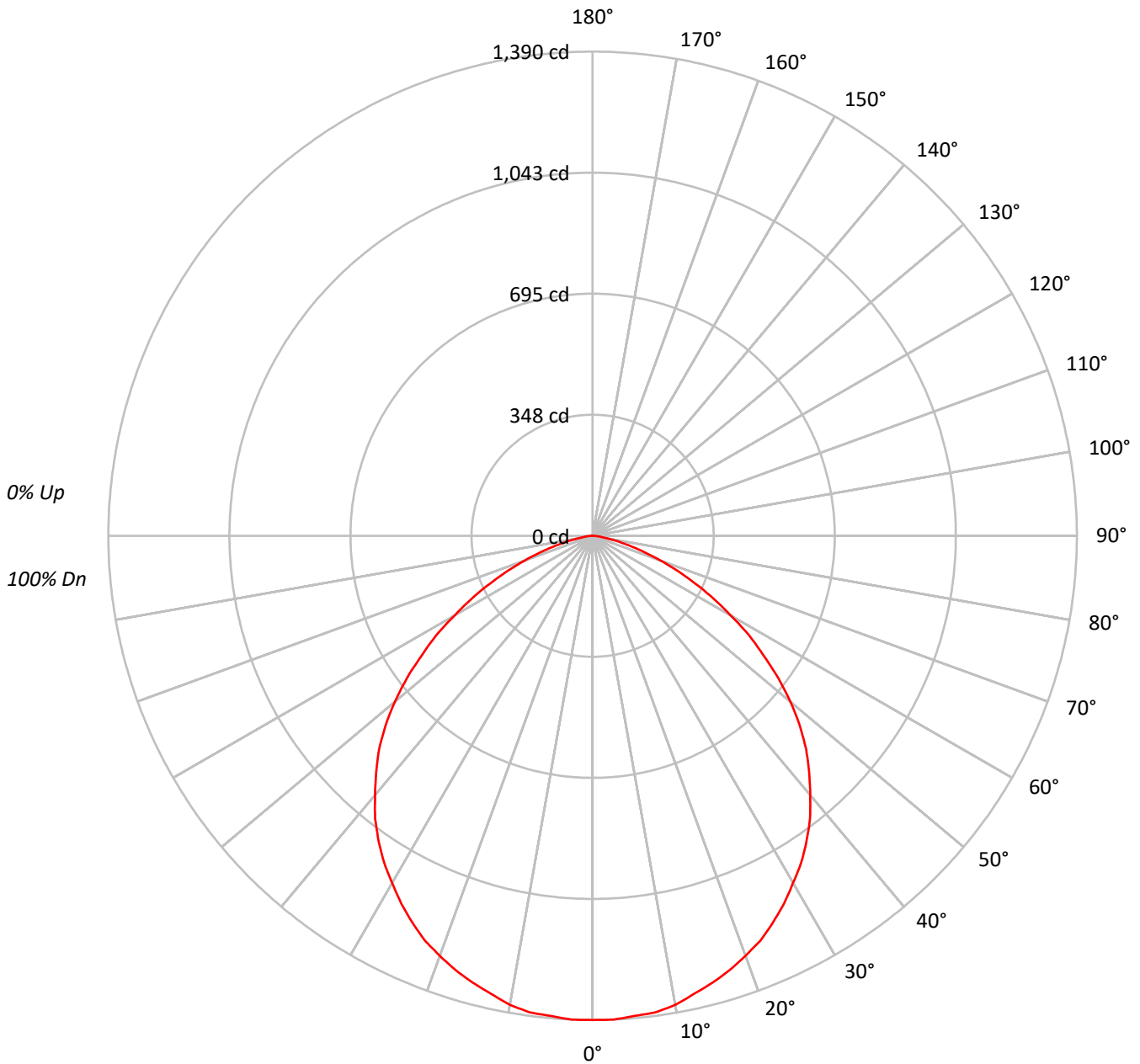
Lumens per Lamp: N/A
Luminaire Lumens: 3403.4 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 41.7
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	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°	76216
5°	76150
10°	76117
15°	75392
20°	74848
25°	74103
30°	72840
35°	71641
40°	69523
45°	67170
50°	63162
55°	57174
60°	50182
65°	42261
70°	33066
75°	23172
80°	12975
85°	8995



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.7	3.9
10°-20°	375.0	11.0
20°-30°	564.0	16.6
30°-40°	668.5	19.6
40°-50°	665.2	19.5
50°-60°	536.3	15.8
60°-70°	324.4	9.5
70°-80°	120.5	3.5
80°-90°	17.8	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°	1070.7	31.5
0°-40°	1739.2	51.1
0°-60°	2940.7	86.4
0°-90°	3403.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3403.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1390	
5°	1384	132
15°	1328	375
25°	1225	564
35°	1070	669
45°	866	665
55°	598	536
65°	326	324
75°	109	120
85°	14	18
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1390.3
2.5°	1390.3
5°	1383.8
7.5°	1379.9
10°	1367.4
12.5°	1346.7
15°	1328.4
17.5°	1307.7
20°	1283.0
22.5°	1257.9
25°	1225.1
27.5°	1190.0
30°	1150.7
32.5°	1113.8
35°	1070.5
37.5°	1025.2
40°	971.5
42.5°	919.7
45°	866.4
47.5°	806.3
50°	740.6
52.5°	672.2
55°	598.2
57.5°	532.1
60°	457.7
62.5°	391.9
65°	325.8
67.5°	263.9
70°	206.3
72.5°	154.8
75°	109.4
77.5°	70.1
80°	41.1
82.5°	24.6
85°	14.3
87.5°	6.1
90°	0.0



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— 0°-180°







(END OF REPORT)