

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: P844404

Luminaire Tested: **LD6C35DE010B2750 EU6C35B40 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844404
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: LD6C35DE010B2750 EU6C35B40 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

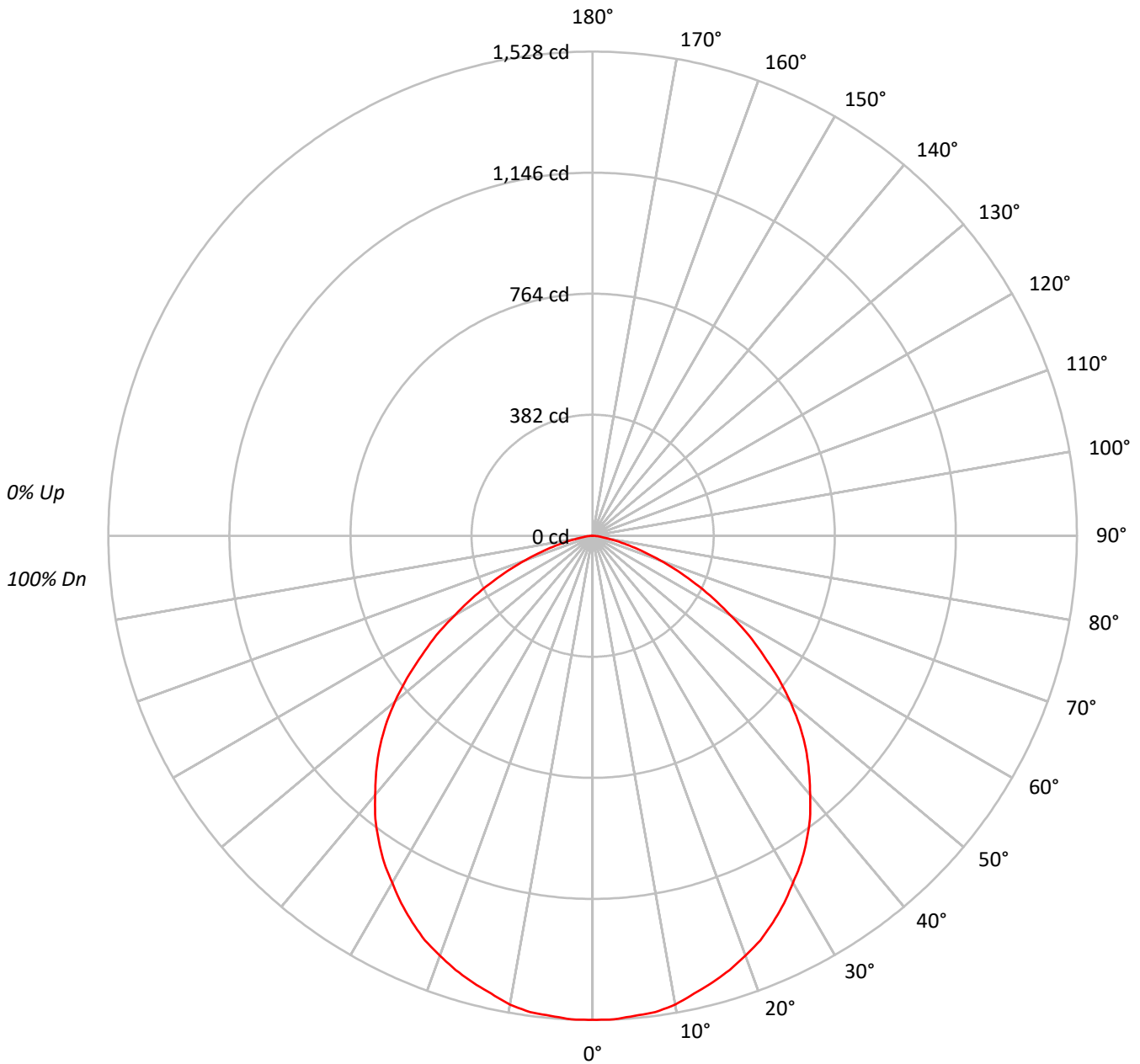
Lumens per Lamp: N/A
Luminaire Lumens: 3739.9 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	83743
5°	83678
10°	83638
15°	82838
20°	82240
25°	81428
30°	80038
35°	78728
40°	76400
45°	73806
50°	69396
55°	62822
60°	55138
65°	46438
70°	36336
75°	25481
80°	14269
85°	9938



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.7	3.9
10°-20°	412.0	11.0
20°-30°	619.8	16.6
30°-40°	734.6	19.6
40°-50°	731.0	19.5
50°-60°	589.2	15.8
60°-70°	356.5	9.5
70°-80°	132.4	3.5
80°-90°	19.6	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°	1176.5	31.5
0°-40°	1911.1	51.1
0°-60°	3231.4	86.4
0°-90°	3739.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3739.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1528	
5°	1521	145
15°	1460	412
25°	1346	620
35°	1176	735
45°	952	731
55°	657	589
65°	358	356
75°	120	132
85°	16	20
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1527.6
2.5°	1527.6
5°	1520.6
7.5°	1516.2
10°	1502.5
12.5°	1479.7
15°	1459.6
17.5°	1436.9
20°	1409.7
22.5°	1382.3
25°	1346.2
27.5°	1307.7
30°	1264.4
32.5°	1223.9
35°	1176.4
37.5°	1126.5
40°	1067.6
42.5°	1010.6
45°	952.0
47.5°	886.1
50°	813.7
52.5°	738.7
55°	657.3
57.5°	584.7
60°	502.9
62.5°	430.7
65°	358.0
67.5°	290.0
70°	226.7
72.5°	170.1
75°	120.3
77.5°	77.0
80°	45.2
82.5°	27.1
85°	15.8
87.5°	6.7
90°	0.0



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— 0°-180°







(END OF REPORT)