

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: P844370

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844370
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 EU6C35B30 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

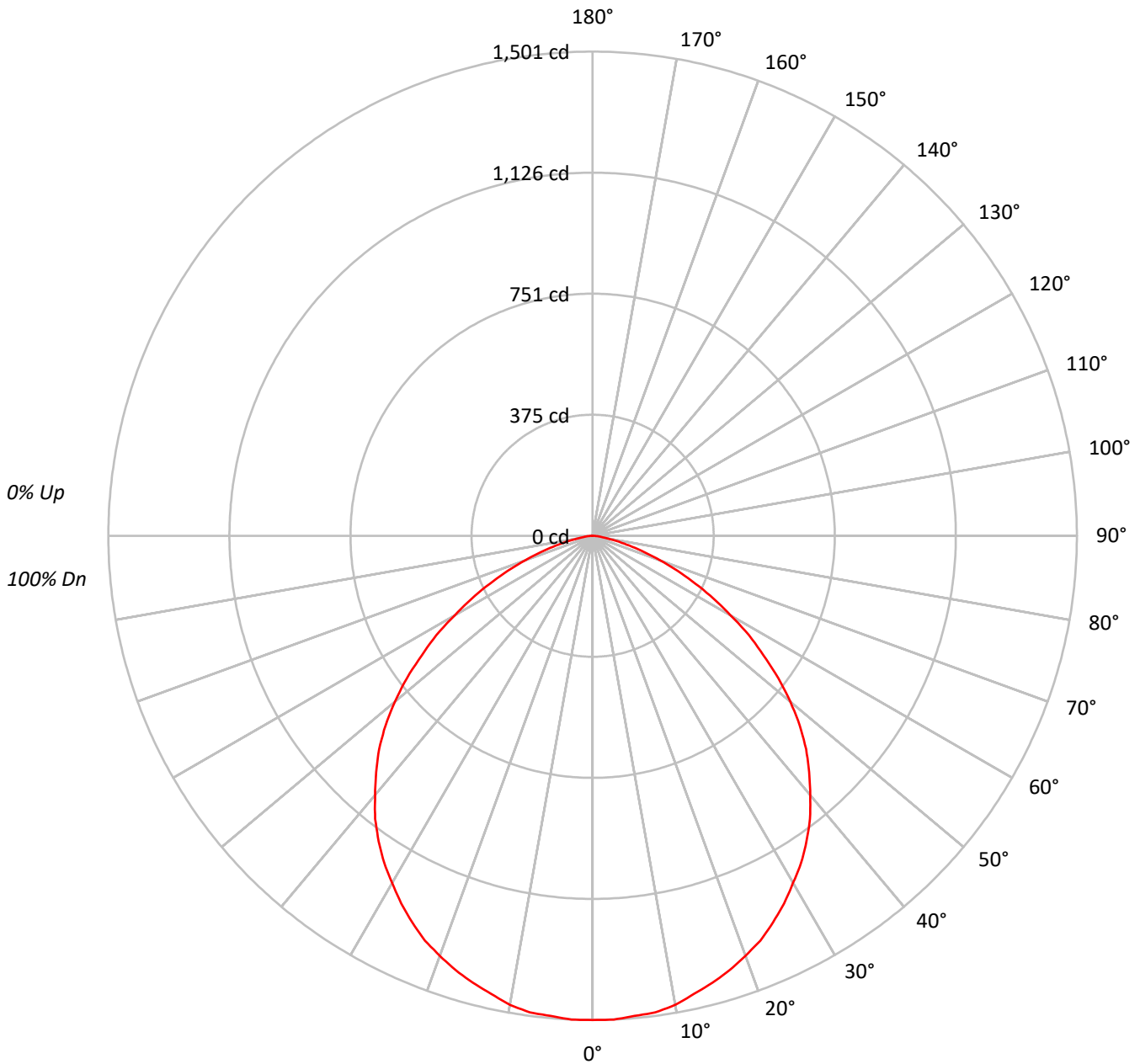
Lumens per Lamp: N/A
Luminaire Lumens: 3675.2 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82302
5°	82231
10°	82196
15°	81414
20°	80822
25°	80019
30°	78658
35°	77370
40°	75076
45°	72535
50°	68202
55°	61742
60°	54184
65°	45634
70°	35695
75°	25015
80°	14017
85°	9686



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.2	3.9
10°-20°	404.9	11.0
20°-30°	609.1	16.6
30°-40°	721.9	19.6
40°-50°	718.4	19.5
50°-60°	579.1	15.8
60°-70°	350.3	9.5
70°-80°	130.1	3.5
80°-90°	19.3	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°	1156.2	31.5
0°-40°	1878.1	51.1
0°-60°	3175.6	86.4
0°-90°	3675.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3675.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1501	
5°	1494	142
15°	1434	405
25°	1323	609
35°	1156	722
45°	936	718
55°	646	579
65°	352	350
75°	118	130
85°	15	19
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1501.3
2.5°	1501.3
5°	1494.3
7.5°	1490.1
10°	1476.6
12.5°	1454.2
15°	1434.5
17.5°	1412.0
20°	1385.4
22.5°	1358.4
25°	1322.9
27.5°	1285.0
30°	1242.6
32.5°	1202.8
35°	1156.1
37.5°	1107.0
40°	1049.1
42.5°	993.1
45°	935.6
47.5°	870.7
50°	799.7
52.5°	726.0
55°	646.0
57.5°	574.6
60°	494.2
62.5°	423.2
65°	351.8
67.5°	285.0
70°	222.7
72.5°	167.2
75°	118.1
77.5°	75.7
80°	44.4
82.5°	26.7
85°	15.4
87.5°	6.6
90°	0.0



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— 0°-180°







(END OF REPORT)