

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: P844418

Luminaire Tested: **LD6C35DE010B40 EU6C35B40 6LBWH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844418
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B40 EU6C35B40 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

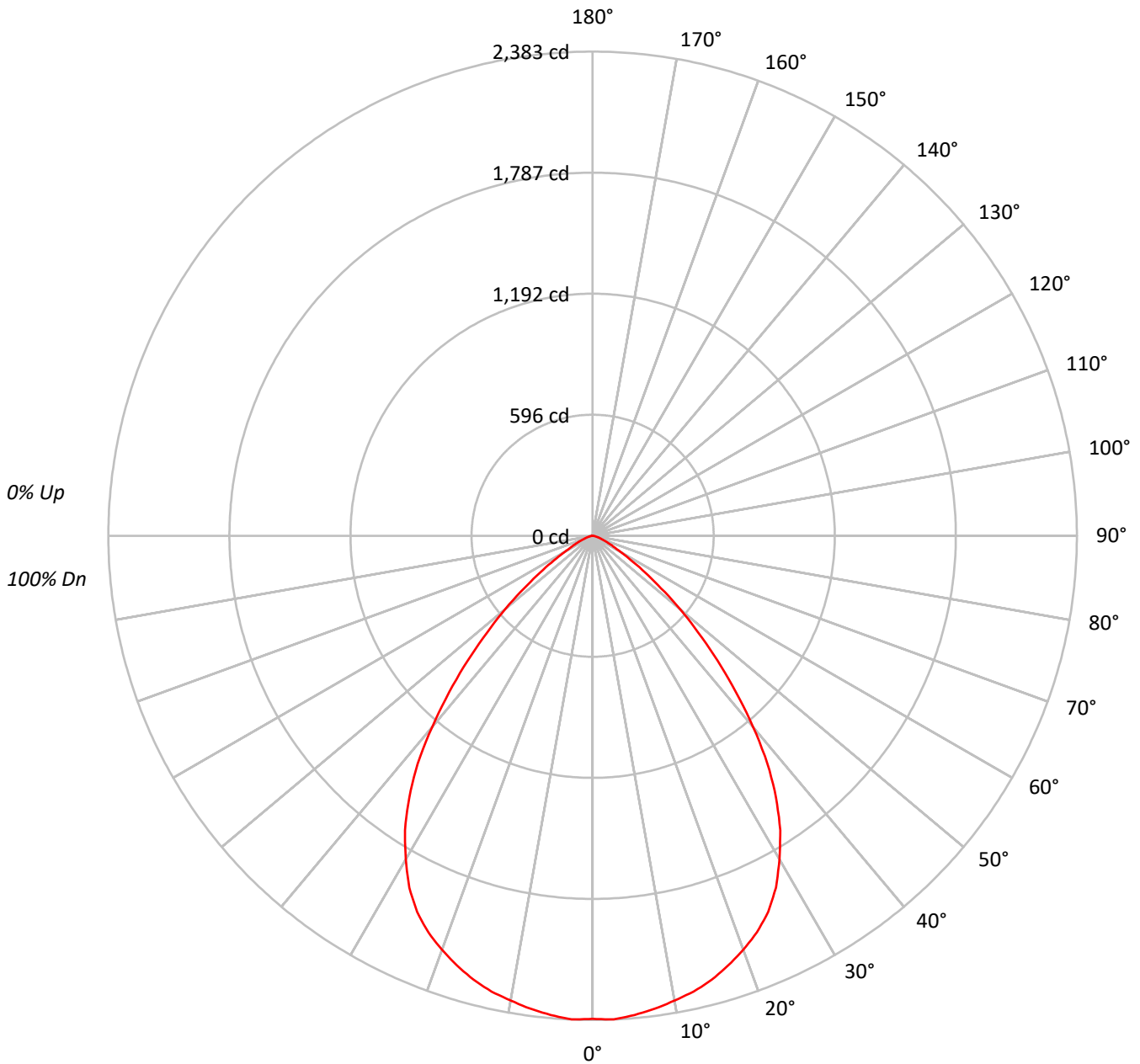
Lumens per Lamp: N/A
Luminaire Lumens: 3855.1 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			100
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130346
5°	130299
10°	129295
15°	128429
20°	126472
25°	123582
30°	116366
35°	105303
40°	87936
45°	67387
50°	47717
55°	30087
60°	16972
65°	11013
70°	7181
75°	5295
80°	3157
85°	3208



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.6	5.8
10°-20°	637.2	16.5
20°-30°	934.3	24.2
30°-40°	972.4	25.2
40°-50°	672.8	17.5
50°-60°	292.9	7.6
60°-70°	89.8	2.3
70°-80°	26.9	0.7
80°-90°	4.1	0.1
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°	1796.1	46.6
0°-40°	2768.5	71.8
0°-60°	3734.2	96.9
0°-90°	3855.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3855.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2378	
5°	2368	225
15°	2263	637
25°	2043	934
35°	1574	972
45°	869	673
55°	315	293
65°	85	90
75°	25	27
85°	5	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2377.7
2.5°	2382.7
5°	2367.8
7.5°	2347.8
10°	2322.7
12.5°	2297.7
15°	2262.9
17.5°	2217.9
20°	2167.9
22.5°	2112.9
25°	2043.1
27.5°	1953.1
30°	1838.3
32.5°	1718.3
35°	1573.5
37.5°	1413.7
40°	1228.8
42.5°	1044.0
45°	869.2
47.5°	704.3
50°	559.5
52.5°	424.6
55°	314.8
57.5°	224.9
60°	154.8
62.5°	115.0
65°	84.9
67.5°	65.0
70°	44.8
72.5°	35.0
75°	25.0
77.5°	14.9
80°	10.0
82.5°	5.1
85°	5.1
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)