

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: P844414

Luminaire Tested: **LD6C35DE010B40 EU6C35B40 6LBNH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844414
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203666)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B40 EU6C35B40 6LBNH
Description:
Light Source: -
Ballast/Driver:

Summary

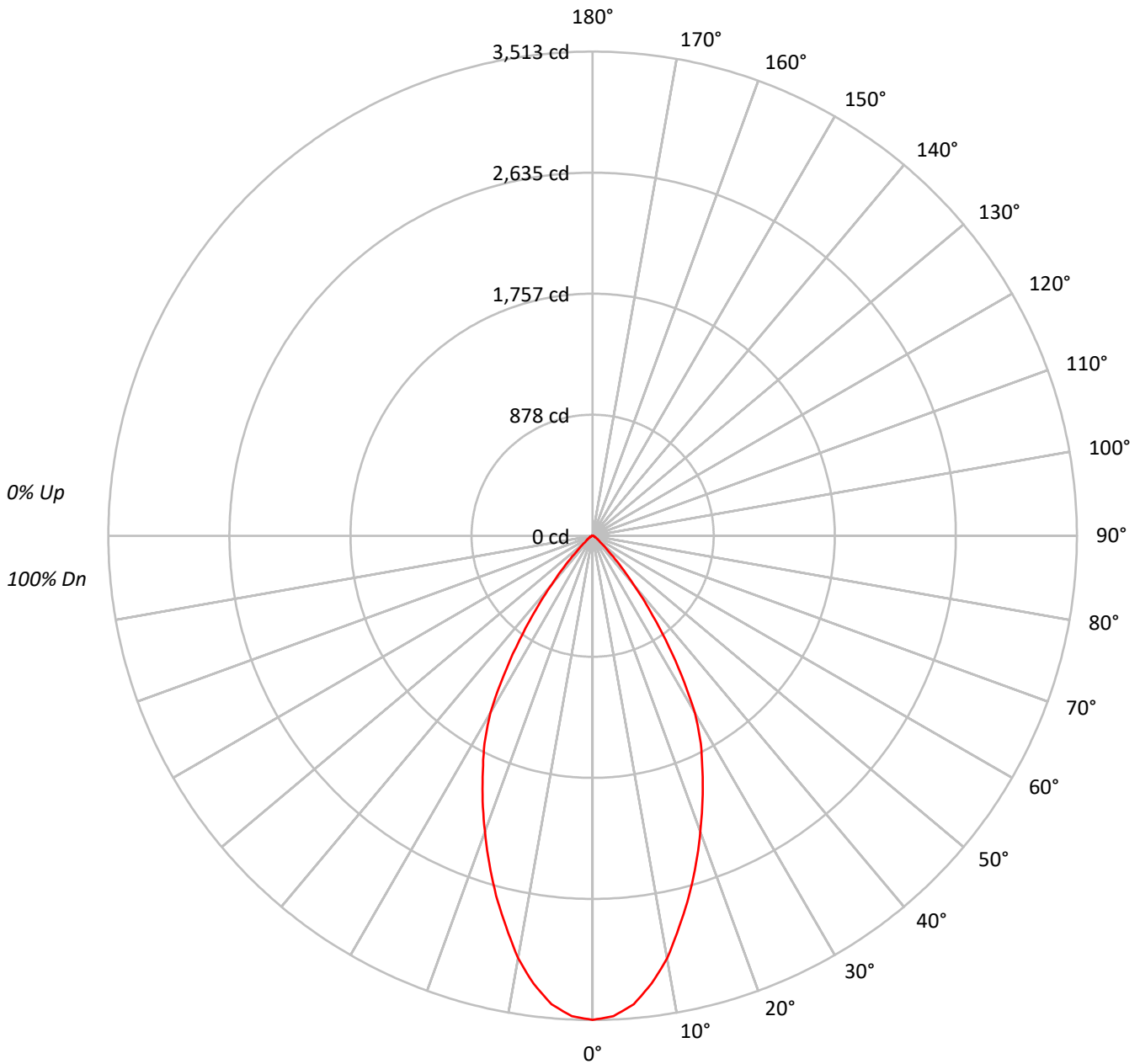
Lumens per Lamp: N/A
Luminaire Lumens: 2740.4 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.84
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87			
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	73	81	76	73	80	75	72	78	74	72	70			
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	62	57	53	71	62	57	53	61	56	53	60	56	52	60	55	52	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192572
5°	187810
10°	173293
15°	153423
20°	133216
25°	113946
30°	93945
35°	61864
40°	33255
45°	14730
50°	5970
55°	4310
60°	2741
65°	1959
70°	1603
75°	1080
80°	1610
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.9	11.5
10°-20°	753.3	27.5
20°-30°	863.0	31.5
30°-40°	579.8	21.2
40°-50°	165.7	6.0
50°-60°	40.6	1.5
60°-70°	15.4	0.6
70°-80°	6.0	0.2
80°-90°	0.7	0.0
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°	1932.2	70.5
0°-40°	2512.1	91.7
0°-60°	2718.3	99.2
0°-90°	2740.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2740.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3513	
5°	3413	316
15°	2703	753
25°	1884	863
35°	924	580
45°	190	166
55°	45	41
65°	15	15
75°	5	6
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3512.8
2.5°	3487.9
5°	3412.9
7.5°	3277.8
10°	3113.1
12.5°	2903.1
15°	2703.3
17.5°	2493.5
20°	2283.5
22.5°	2083.7
25°	1883.8
27.5°	1698.9
30°	1484.1
32.5°	1199.1
35°	924.4
37.5°	674.6
40°	464.7
42.5°	304.8
45°	190.0
47.5°	114.9
50°	70.0
52.5°	54.9
55°	45.1
57.5°	35.0
60°	25.0
62.5°	19.9
65°	15.1
67.5°	10.0
70°	10.0
72.5°	5.1
75°	5.1
77.5°	5.1
80°	5.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)