

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: P844393

Luminaire Tested: **LD6C35DE010B35 EU6C35B35 6LBMGPH**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844393
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B35 EU6C35B35 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

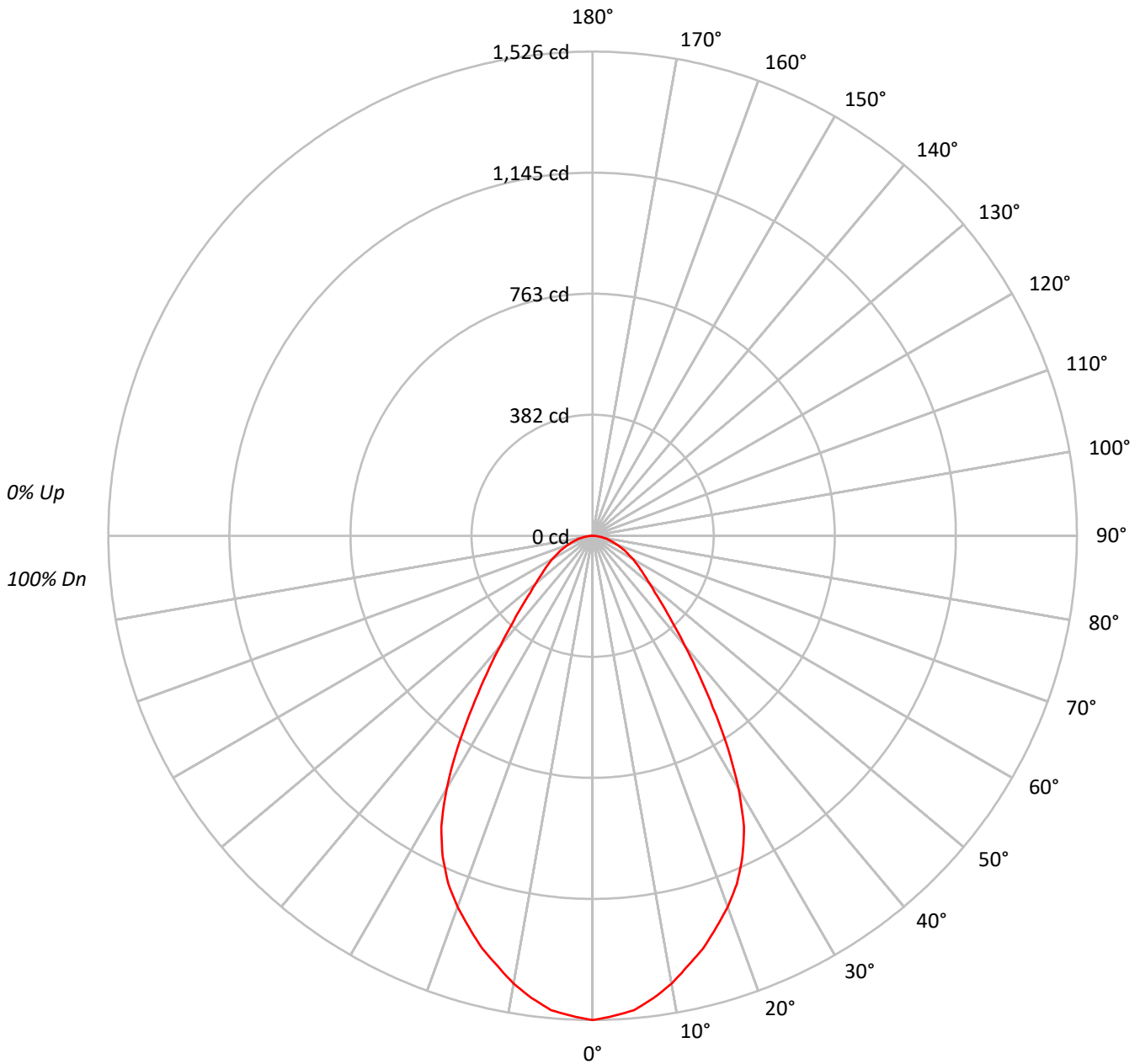
Lumens per Lamp: N/A
Luminaire Lumens: 2045.4 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844393

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMGPH

Luminous Intensity Polar Plot





TEST NUMBER: P844393

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMGPH

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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83672
5°	82594
10°	79780
15°	76374
20°	72585
25°	67576
30°	58218
35°	44183
40°	32303
45°	24499
50°	19974
55°	17529
60°	16084
65°	14632
70°	13111
75°	11946
80°	10671
85°	8869



TEST NUMBER: P844393

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMGPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.0	6.9
10°-20°	377.6	18.5
20°-30°	507.1	24.8
30°-40°	416.0	20.3
40°-50°	249.8	12.2
50°-60°	166.0	8.1
60°-70°	111.2	5.4
70°-80°	59.9	2.9
80°-90°	16.9	0.8
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°	1025.7	50.1
0°-40°	1441.7	70.5
0°-60°	1857.5	90.8
0°-90°	2045.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2045.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1526	
5°	1501	141
15°	1346	378
25°	1117	507
35°	660	416
45°	316	250
55°	183	166
65°	113	111
75°	56	60
85°	14	17
90°	0	



TEST NUMBER: P844393

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMGPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1526.3
2.5°	1515.0
5°	1500.9
7.5°	1469.8
10°	1433.2
12.5°	1387.9
15°	1345.7
17.5°	1294.9
20°	1244.2
22.5°	1187.7
25°	1117.2
27.5°	1032.6
30°	919.7
32.5°	792.7
35°	660.2
37.5°	547.3
40°	451.4
42.5°	375.2
45°	316.0
47.5°	268.0
50°	234.2
52.5°	205.9
55°	183.4
57.5°	163.6
60°	146.7
62.5°	126.9
65°	112.8
67.5°	95.9
70°	81.8
72.5°	67.7
75°	56.4
77.5°	45.1
80°	33.8
82.5°	25.4
85°	14.1
87.5°	5.6
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)