

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: P844379

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844379
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: LD6C35DE010B2750 EU6C35B30 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

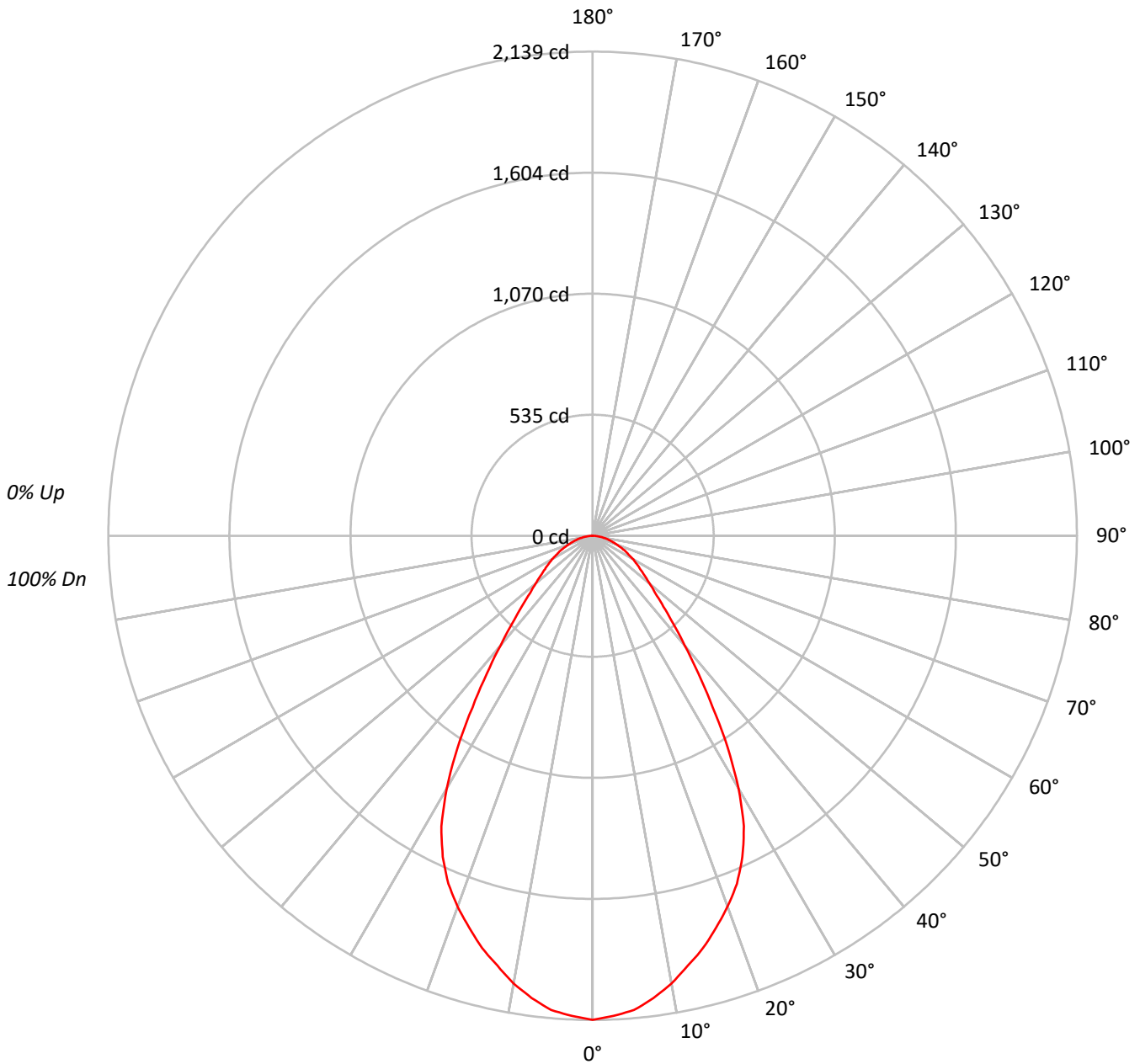
Lumens per Lamp: N/A
Luminaire Lumens: 2866.1 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117238
5°	115733
10°	111788
15°	107021
20°	101707
25°	94687
30°	81576
35°	61911
40°	45263
45°	34321
50°	27991
55°	24553
60°	22531
65°	20508
70°	18352
75°	16733
80°	14996
85°	12454



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.6	6.9
10°-20°	529.2	18.5
20°-30°	710.5	24.8
30°-40°	582.8	20.3
40°-50°	350.0	12.2
50°-60°	232.6	8.1
60°-70°	155.9	5.4
70°-80°	83.9	2.9
80°-90°	23.7	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°	1437.3	50.1
0°-40°	2020.1	70.5
0°-60°	2602.7	90.8
0°-90°	2866.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2866.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2139	
5°	2103	198
15°	1886	529
25°	1565	711
35°	925	583
45°	443	350
55°	257	233
65°	158	156
75°	79	84
85°	20	24
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2138.6
2.5°	2122.8
5°	2103.1
7.5°	2059.6
10°	2008.2
12.5°	1944.9
15°	1885.7
17.5°	1814.5
20°	1743.4
22.5°	1664.3
25°	1565.4
27.5°	1446.8
30°	1288.7
32.5°	1110.8
35°	925.1
37.5°	766.9
40°	632.5
42.5°	525.7
45°	442.7
47.5°	375.6
50°	328.2
52.5°	288.6
55°	256.9
57.5°	229.3
60°	205.5
62.5°	177.9
65°	158.1
67.5°	134.4
70°	114.5
72.5°	94.9
75°	79.0
77.5°	63.2
80°	47.5
82.5°	35.5
85°	19.8
87.5°	7.9
90°	0.0



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— 0°-180°







(END OF REPORT)