

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: P857644

Luminaire Tested: **LX4C30D010 EX4C309835 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857644
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309835 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

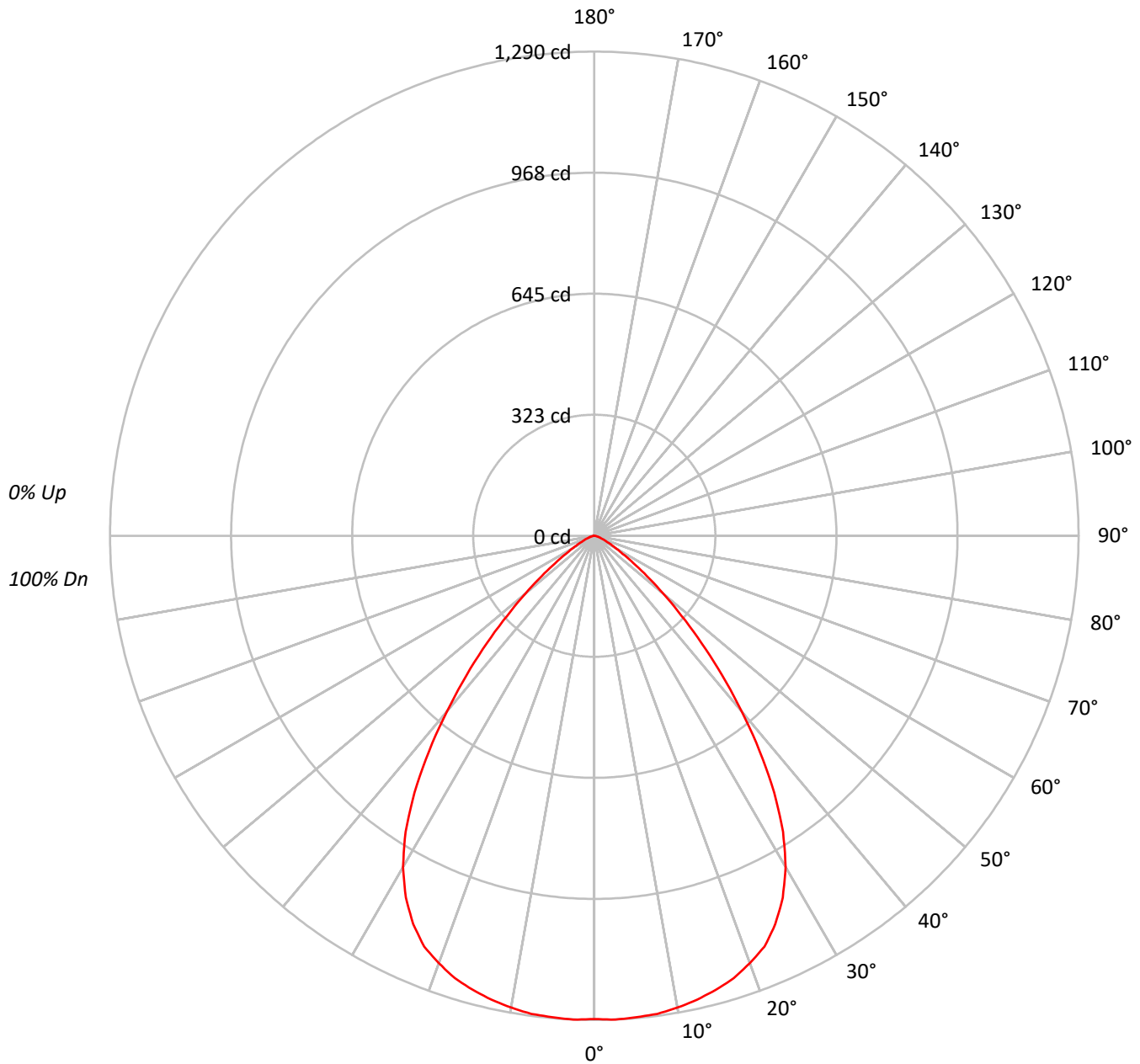
Lumens per Lamp: N/A
Luminaire Lumens: 1997.5 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	105	100	95	91	103	98	93	90	95	91	88		91	88	86		89
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	81	71	64	58	80	70	63	58	68	62	58		67	61	57		65
7	76	65	58	53	75	65	58	53	63	57	53		62	56	52		61
8	72	60	53	49	70	60	53	49	59	53	48		58	52	48		57
9	68	56	49	45	66	56	49	45	55	49	44		54	48	44		53
10	64	52	46	41	63	52	46	41	51	45	41		50	45	41		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	158174
5°	158778
10°	159254
15°	159277
20°	158389
25°	154694
30°	144583
35°	125200
40°	97812
45°	70174
50°	45584
55°	27288
60°	15971
65°	10262
70°	6825
75°	5174
80°	3820
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.6	6.1
10°-20°	353.3	17.7
20°-30°	521.3	26.1
30°-40°	514.5	25.8
40°-50°	314.8	15.8
50°-60°	120.7	6.0
60°-70°	37.8	1.9
70°-80°	11.1	0.6
80°-90°	1.5	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°	997.2	49.9
0°-40°	1511.7	75.7
0°-60°	1947.2	97.5
0°-90°	1997.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1997.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1288	
5°	1288	123
15°	1252	353
25°	1141	521
35°	835	514
45°	404	315
55°	127	121
65°	35	38
75°	11	11
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1287.5
2.5°	1290.3
5°	1287.5
7.5°	1284.8
10°	1276.6
12.5°	1265.8
15°	1252.3
17.5°	1236.0
20°	1211.5
22.5°	1184.5
25°	1141.2
27.5°	1086.9
30°	1019.2
32.5°	935.2
35°	834.8
37.5°	723.6
40°	609.9
42.5°	504.2
45°	403.9
47.5°	314.3
50°	238.5
52.5°	176.2
55°	127.4
57.5°	89.4
60°	65.0
62.5°	48.9
65°	35.3
67.5°	27.1
70°	19.0
72.5°	13.6
75°	10.9
77.5°	5.4
80°	5.4
82.5°	2.7
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)