

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: LUMIERE

Report Number: P253124

Luminaire Tested: **3002A-18LED3000-MFL-UNV-NBR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P253124
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P23737)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 3002A-18LED3000-MFL-UNV-NBR
Description: LUMIERE MONACO 30002 LED FIXTURE, GROUND RECESSED.
Light Source: (7) 3000K CCT, 80 CRI LEDS
LBA-80578XPG2-3K
Ballast/Driver: (1) MAGTECH ELECTRONIC DRIVER
LP1020-24-C0700

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 912.4 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Circular (Dia: 0.44' x H: 0')
CIE Type: Indirect

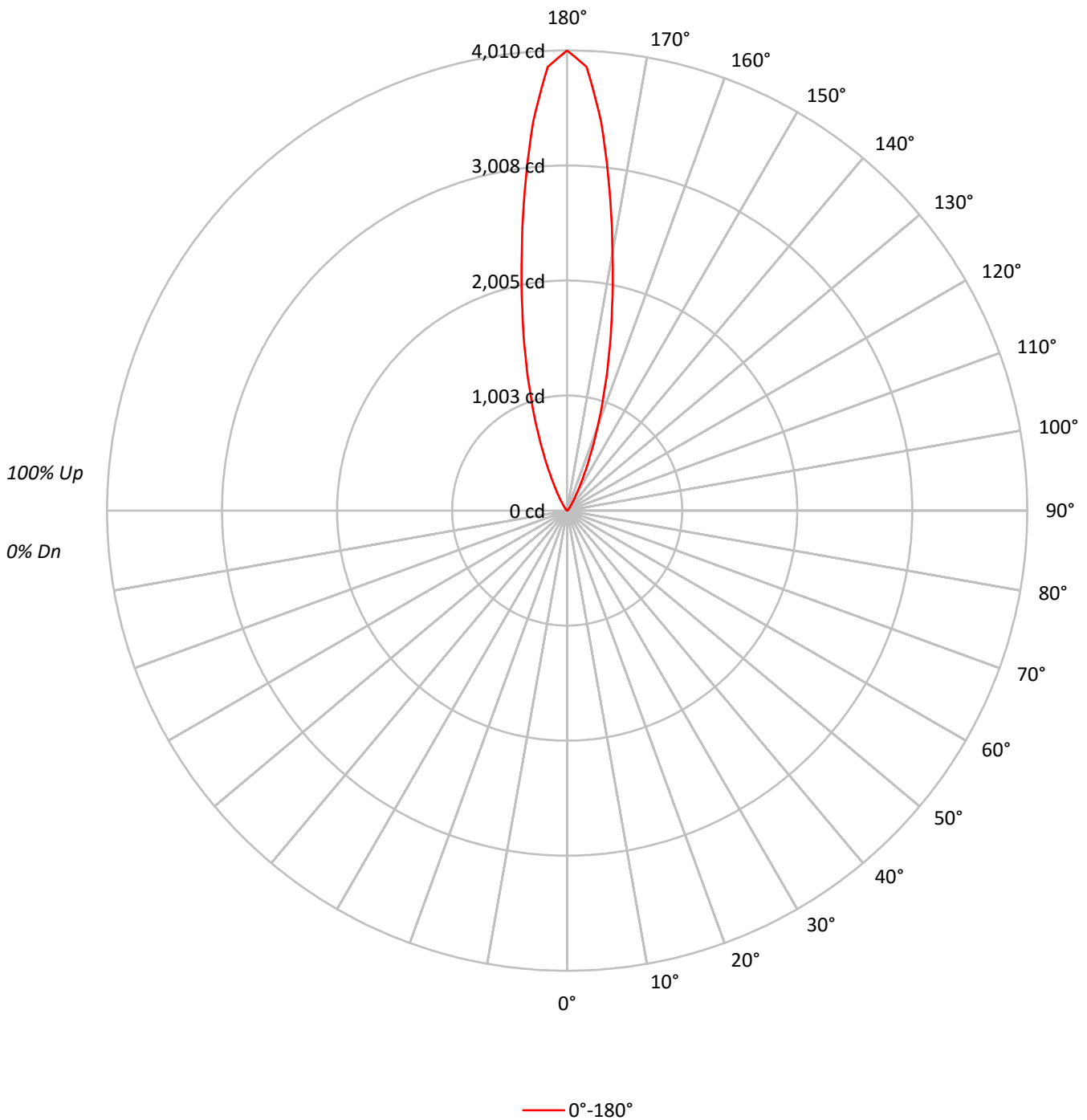
Input Watts (W): 16.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	0
RCR																				
0	95	95	95	95	81	81	81	81	56	56	56		32	32	32		10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45		28	27	26		9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37		24	23	22		8	7	7	0
3	72	63	57	51	61	54	49	44	37	34	31		21	20	18		7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26		19	17	16		6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22		17	15	13		5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19		15	13	11		5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17		14	11	10		4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14		12	10	9		4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13		11	9	8		4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11		10	8	7		3	3	2	0

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	0
5°	0
10°	0
15°	0
20°	0
25°	0
30°	0
35°	0
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.8	0.1
120°-130°	3.6	0.4
130°-140°	12.3	1.3
140°-150°	44.5	4.9
150°-160°	174.2	19.1
160°-170°	389.2	42.7
170°-180°	287.8	31.5
0°-30°	0.0	0.0
0°-40°	0.0	0.0
0°-60°	0.0	0.0
0°-90°	0.0	0.0
90°-120°	0.8	0.1
90°-150°	61.1	6.7
90°-180°	912.0	100.0
0°-180°	912.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	0	
5°	0	0
15°	0	0
25°	0	0
35°	0	0
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	0
95°	0	0
105°	0	0
115°	1	1
125°	4	4
135°	14	12
145°	64	44
155°	354	174
165°	1406	389
175°	3398	288
180°	4010	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	0.0
2.5°	0.0
5°	0.0
7.5°	0.0
10°	0.0
12.5°	0.0
15°	0.0
17.5°	0.0
20°	0.0
22.5°	0.0
25°	0.0
27.5°	0.0
30°	0.0
32.5°	0.0
35°	0.0
37.5°	0.0
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0
92.5°	0.0
95°	0.0
97.5°	0.0
100°	0.0
102.5°	0.0
105°	0.0
107.5°	0.0
110°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	0.0
115°	1.3
117.5°	1.3
120°	1.3
122.5°	2.6
125°	3.9
127.5°	5.2
130°	7.8
132.5°	10.4
135°	14.3
137.5°	20.9
140°	30.0
142.5°	43.0
145°	63.9
147.5°	96.5
150°	147.4
152.5°	229.6
155°	353.5
157.5°	534.8
160°	773.5
162.5°	1064.3
165°	1406.1
167.5°	1802.6
170°	2272.1
172.5°	2823.9
175°	3397.8
177.5°	3869.9
180°	4009.5

(END OF REPORT)