

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: P253142

Luminaire Tested: **3002A-25LED3000-SP-UNV-NBR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P253142  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P23732)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 3002A-25LED3000-SP-UNV-NBR  
Description: LUMIERE MONACO 30002 LED FIXTURE, GROUND RECESSED.  
Light Source: (7) 3000K CCT, 80 CRI LEDS  
LBA-80578XPG2-3K  
Ballast/Driver: -  
ESS030W-1000-24-CPL

**Summary**

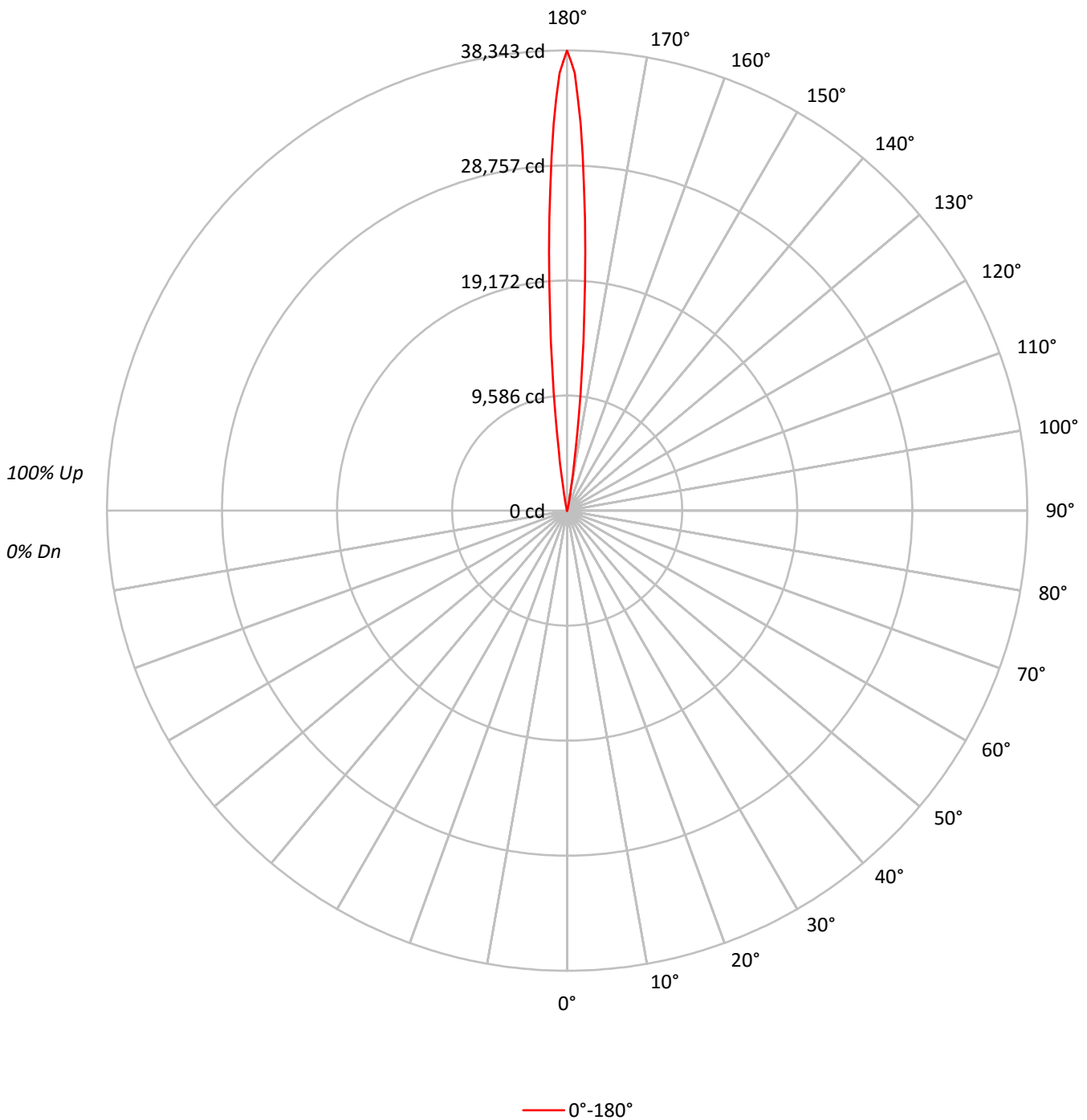
Lumens per Lamp: N/A  
Luminaire Lumens: 1231.6 lumens  
Efficiency: N/A  
Efficacy: 49.1 lumens/watt  
N/A  
Luminous Opening: Circular (Dia: 0.44' x H: 0')  
CIE Type: Indirect

Input Watts (W): 25.1  
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°
95°	1397
100°	2721
105°	913
110°	1047
115°	3948
120°	1189
125°	1036
130°	1849
135°	1002
140°	308
145°	437
150°	1232
155°	3144
160°	4298
165°	13914
170°	132566
175°	1180862



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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°	3.2	0.3
100°-110°	8.1	0.7
110°-120°	12.3	1.0
120°-130°	10.7	0.9
130°-140°	5.9	0.5
140°-150°	6.9	0.6
150°-160°	14.2	1.2
160°-170°	93.3	7.6
170°-180°	1077.1	87.5
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°	23.6	1.9
90°-150°	47.0	3.8
90°-180°	1232.0	100.0
0°-180°	1231.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
90°	0	
95°	2	3
105°	3	8
115°	23	12
125°	8	11
135°	10	6
145°	5	7
155°	40	14
165°	188	93
175°	16429	###
180°	38343	



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**CANDELA DISTRIBUTION (FULL):**

	0°
90°	0.0
92.5°	3.3
95°	1.7
97.5°	3.3
100°	6.6
102.5°	11.6
105°	3.3
107.5°	9.9
110°	5.0
112.5°	8.3
115°	23.3
117.5°	11.6
120°	8.3
122.5°	20.0
125°	8.3
127.5°	6.6
130°	16.6
132.5°	6.6
135°	9.9
137.5°	3.3
140°	3.3
142.5°	5.0
145°	5.0
147.5°	26.6
150°	14.9
152.5°	25.0
155°	39.8
157.5°	25.0
160°	56.4
162.5°	99.7
165°	187.7
166°	265.7
167°	401.8
168°	650.9
169°	1089.3
170°	1823.3
171°	3072.0
172°	5049.7
173°	7970.6
174°	11813.1
175°	16429.3
176°	21650.1
177°	26942.2
178°	32267.6
179°	36470.3



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CANDELA DISTRIBUTION (continued):

180°  $\left| \begin{array}{c} 0^\circ \\ \hline 38343.4 \end{array} \right.$

(END OF REPORT)