

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: RSA

Report Number: P12162

Luminaire Tested: **LED1035FCW**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P12162  
Test Lab: PEACHTREE CITY  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: RSA  
Catalog Number: LED1035FCW  
Description: RSA LED JOCKEY PUCK LIGHT SURFACE MOUNTING FIXTURE WITH CLEAR GLASS LENS, OSRAM OT9/100-120/350E LED DRIVER ---ABSOLUTE PHOTOMETRY:THIS TEST WAS NOT PERFORMED PER LM79----  
Light Source: LED1035FCW 5 LED LIGHT SOURCE 532 LUMENS EACH.  
LED1035FCW  
Ballast/Driver: -

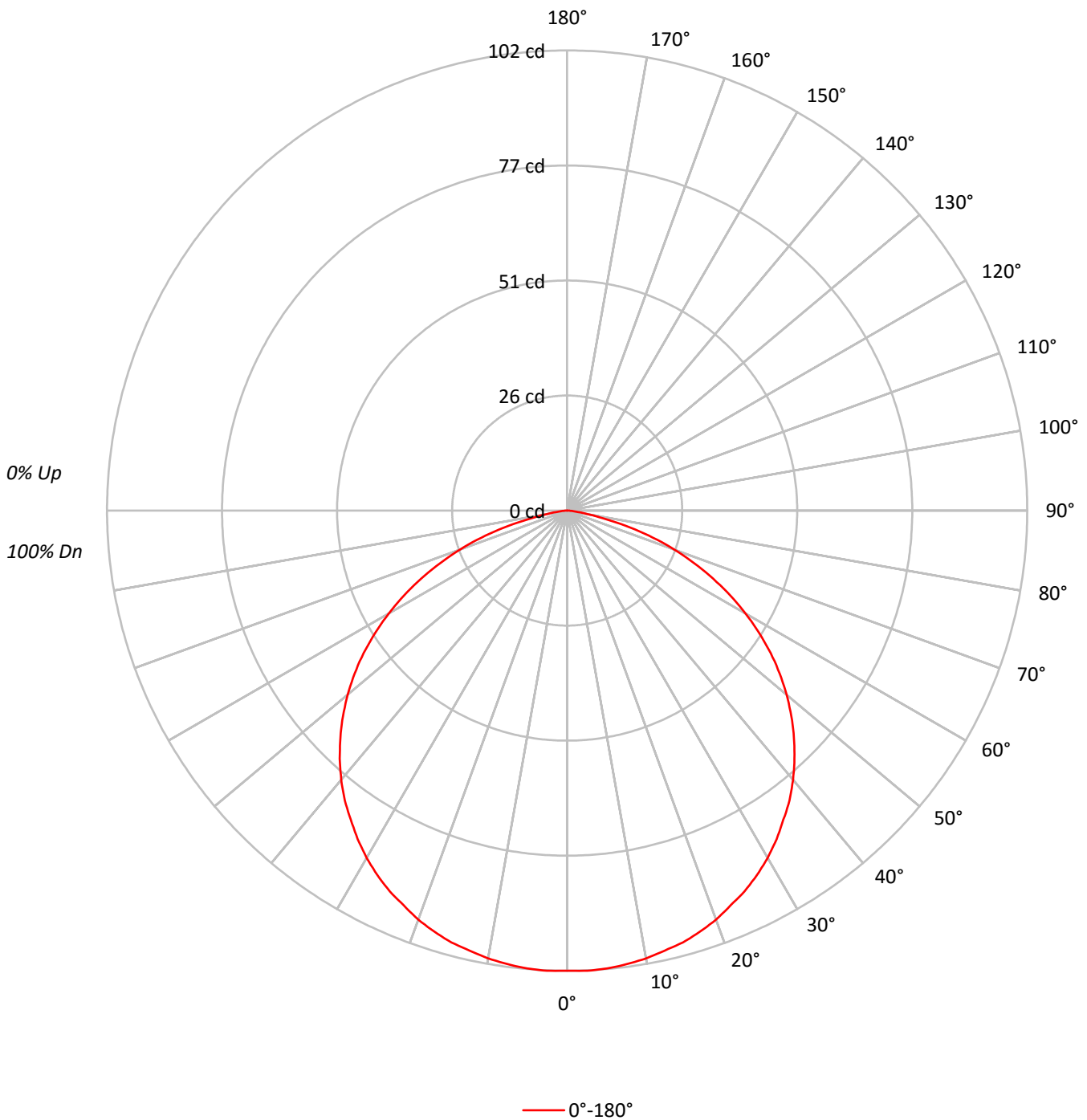
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 289.2 lumens  
Efficiency: N/A  
Efficacy: 30.1 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.4  
Luminous Opening: Circular (Dia: 0.31' x H: 0')  
CIE Type: Direct

Input Watts (W): 9.6  
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	66	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	46	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	31
9	57	43	35	30	55	43	35	30	42	35	30	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	14315
5°	14355
10°	14364
15°	14398
20°	14412
25°	14416
30°	14406
35°	14323
40°	14271
45°	14111
50°	13864
55°	13482
60°	12827
65°	11855
70°	10381
75°	7862
80°	3960
85°	1610



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.7	3.4
10°-20°	28.0	9.7
20°-30°	42.9	14.8
30°-40°	52.4	18.1
40°-50°	54.8	18.9
50°-60°	49.1	17.0
60°-70°	35.2	12.2
70°-80°	15.4	5.3
80°-90°	1.7	0.6
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°	80.6	27.9
0°-40°	132.9	46.0
0°-60°	236.8	81.9
0°-90°	289.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	289.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	102	
5°	102	10
15°	99	28
25°	93	43
35°	84	52
45°	71	55
55°	55	49
65°	36	35
75°	14	15
85°	1	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	102.0
2.5°	102.1
5°	101.9
7.5°	101.4
10°	100.8
12.5°	99.9
15°	99.1
17.5°	97.9
20°	96.5
22.5°	94.7
25°	93.1
27.5°	91.1
30°	88.9
32.5°	86.4
35°	83.6
37.5°	81.0
40°	77.9
42.5°	74.6
45°	71.1
47.5°	67.4
50°	63.5
52.5°	59.4
55°	55.1
57.5°	50.4
60°	45.7
62.5°	40.8
65°	35.7
67.5°	30.5
70°	25.3
72.5°	20.0
75°	14.5
77.5°	8.9
80°	4.9
82.5°	2.5
85°	1.0
87.5°	0.4
90°	0.0

(END OF REPORT)