

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: CORELITE

Report Number: P189122

Luminaire Tested: **DRI-WS-1L30-UNV-24-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189122  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34844)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WS-1L30-UNV-24-T1-STD  
Description: DIVIDE RECESSED 2x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (308) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

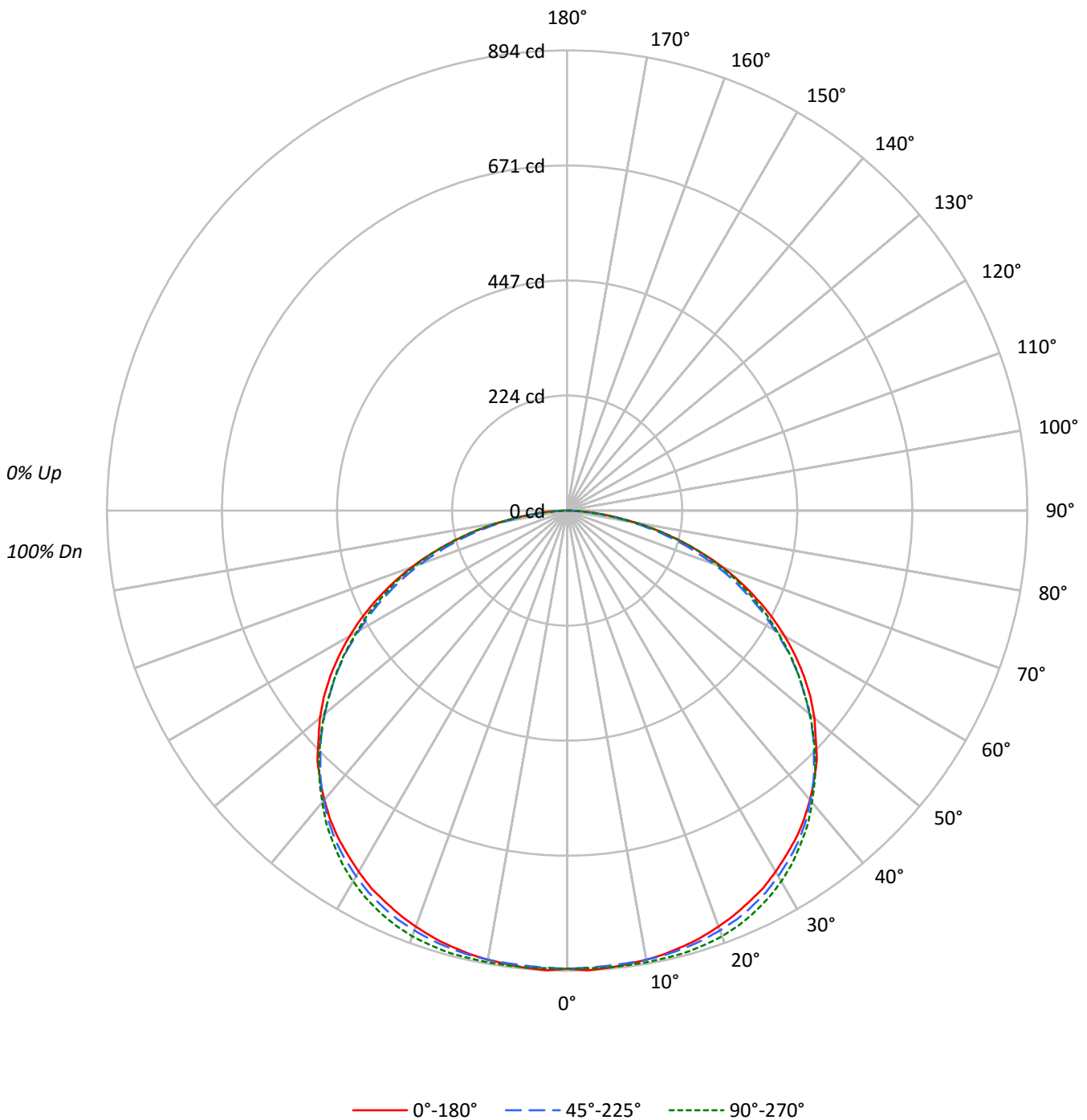
Lumens per Lamp: N/A  
Luminaire Lumens: 2910.2 lumens  
Efficiency: N/A  
Efficacy: 126.0 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.37 / 1.47  
Luminous Opening: Rectangular (W 1.79' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 23.1  
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	52	65	58	52	63	56	51	60	55	50	48
5	75	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	50	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31
8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

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

	0°	45°	90°
0°	1395	1395	1395
5°	1403	1397	1402
10°	1410	1410	1418
15°	1421	1428	1442
20°	1434	1448	1468
25°	1449	1468	1489
30°	1466	1484	1506
35°	1485	1500	1513
40°	1502	1504	1514
45°	1520	1503	1512
50°	1529	1499	1502
55°	1536	1489	1492
60°	1530	1464	1479
65°	1509	1435	1469
70°	1471	1384	1443
75°	1381	1296	1381
80°	1200	1119	1200
85°	971	827	845



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.7	2.9
10°-20°	248.9	8.6
20°-30°	391.4	13.4
30°-40°	489.6	16.8
40°-50°	525.0	18.0
50°-60°	490.3	16.8
60°-70°	389.8	13.4
70°-80°	232.6	8.0
80°-90°	57.9	2.0
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°	725.0	24.9
0°-40°	1214.7	41.7
0°-60°	2230.0	76.6
0°-90°	2910.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2910.2	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	890	890	890	890	890	
5°	892	888	888	887	891	85
15°	876	875	880	884	889	248
25°	838	839	849	856	861	387
35°	776	777	784	788	791	485
45°	686	681	678	681	682	528
55°	562	553	545	544	546	502
65°	407	397	387	393	396	402
75°	228	217	214	224	228	240
85°	54	48	46	46	47	64
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	890	890	890	890	890
2.5°	894	889	889	887	890
5°	892	888	888	887	891
7.5°	889	886	887	887	891
10°	886	884	886	887	891
12.5°	882	879	884	886	890
15°	876	875	880	884	889
17.5°	869	868	875	880	885
20°	860	860	868	874	880
22.5°	850	851	860	867	872
25°	838	839	849	856	861
27.5°	826	826	836	843	848
30°	810	812	820	827	832
32.5°	793	795	803	809	813
35°	776	777	784	788	791
37.5°	756	756	761	764	768
40°	734	733	735	738	740
42.5°	710	708	709	712	712
45°	686	681	678	681	682
47.5°	655	653	648	649	649
50°	627	620	615	614	616
52.5°	596	588	580	579	580
55°	562	553	545	544	546
57.5°	526	517	508	509	510
60°	488	477	467	470	472
62.5°	449	438	428	431	436
65°	407	397	387	393	396
67.5°	365	354	346	353	358
70°	321	309	302	311	315
72.5°	275	266	257	269	274
75°	228	217	214	224	228
77.5°	182	172	169	178	183
80°	133	127	124	130	133
82.5°	90	83	82	85	87
85°	54	48	46	46	47
87.5°	23	20	15	14	11
90°	0	0	0	0	0

(END OF REPORT)