

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: P189093

Luminaire Tested: **DRI-WD-4L30-UNV-24-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189093  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34839)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WD-4L30-UNV-24-T1-STD  
Description: DIVIDE RECESSED 2x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (308) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5971.3 lumens  
Efficiency: N/A  
Efficacy: 119.7 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.42  
Luminous Opening: Rectangular (W 1.79' x L: 3.83' x H: 0')  
CIE Type: Direct

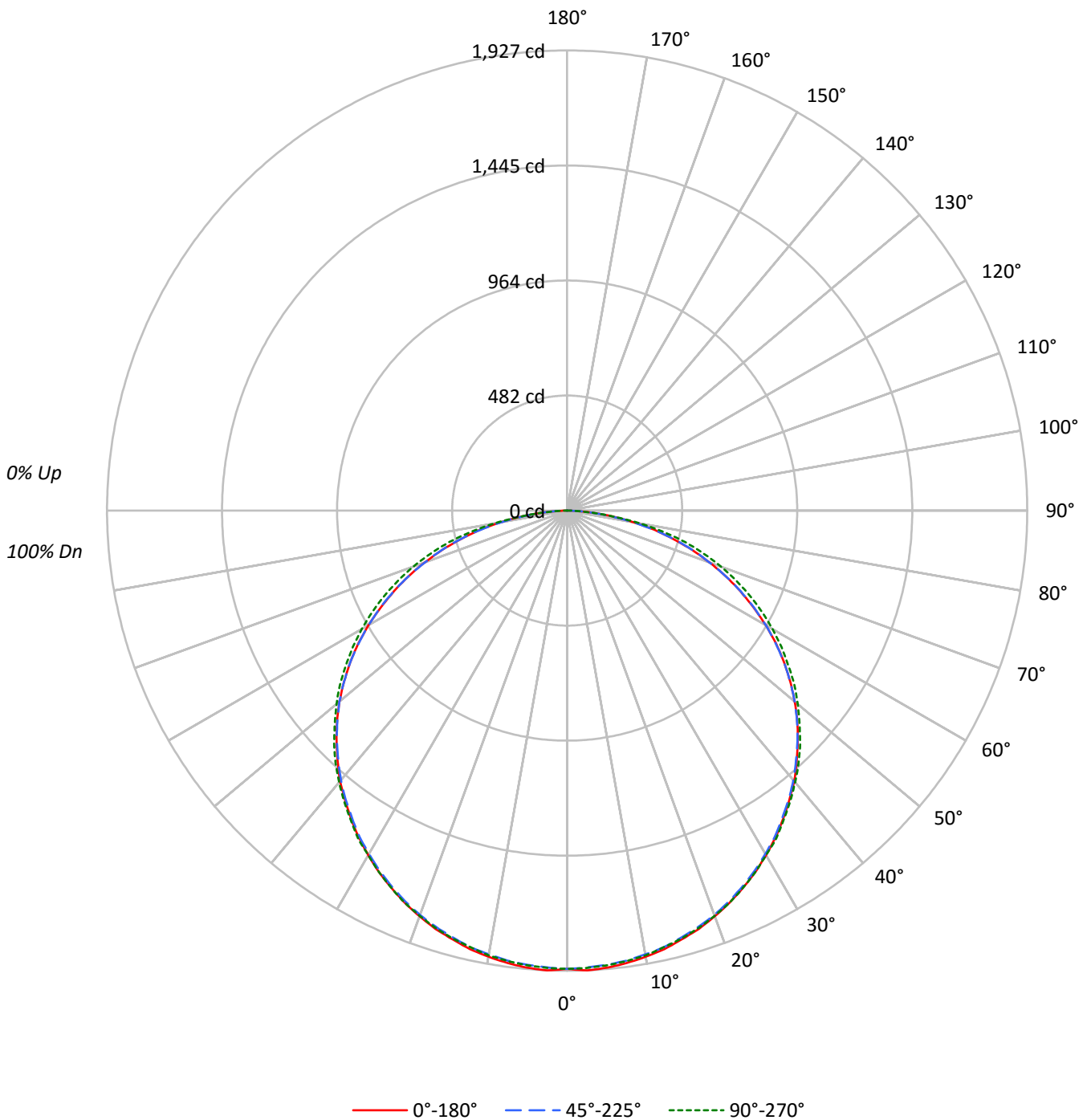
Input Watts (W): 49.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	105	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	74	70	68
3	89	78	69	63	86	76	68	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52	62	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	58	45	36	30	43	36	30	42	35	30	41	35	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	30	25	36	29	25	35	29	24	23

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

	0°	45°	90°
0°	3008	3008	3008
5°	3023	3003	3007
10°	3019	3003	3009
15°	3015	3002	3009
20°	3015	3005	3012
25°	3014	3004	3014
30°	3015	3004	3015
35°	3017	3005	3024
40°	3027	3014	3039
45°	3028	3023	3059
50°	3034	3034	3074
55°	3029	3029	3090
60°	3011	3011	3113
65°	2969	2976	3134
70°	2907	2897	3139
75°	2786	2798	3105
80°	2561	2506	2799
85°	1967	1859	1895



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	181.7	3.0
10°-20°	523.1	8.8
20°-30°	801.8	13.4
30°-40°	986.0	16.5
40°-50°	1055.0	17.7
50°-60°	995.0	16.7
60°-70°	803.0	13.4
70°-80°	497.4	8.3
80°-90°	128.3	2.1
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°	1506.6	25.2
0°-40°	2492.6	41.7
0°-60°	4542.7	76.1
0°-90°	5971.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5971.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1919	1919	1919	1919	1919	
5°	1921	1913	1909	1907	1911	183
15°	1858	1852	1850	1848	1854	525
25°	1743	1737	1737	1737	1743	804
35°	1577	1573	1571	1575	1581	987
45°	1366	1362	1364	1374	1380	1054
55°	1109	1102	1109	1121	1131	990
65°	800	798	803	827	845	791
75°	460	458	462	492	513	486
85°	109	105	103	97	105	133
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1919.3	1919.3	1919.3	1919.3	1919.3
2.5°	1927.4	1917.3	1915.2	1913.2	1917.3
5°	1921.3	1913.2	1909.1	1907.1	1911.2
7.5°	1911.2	1903.1	1901.0	1897.0	1903.1
10°	1897.0	1888.9	1886.9	1884.8	1890.9
12.5°	1880.8	1872.7	1872.7	1868.6	1872.7
15°	1858.5	1852.4	1850.4	1848.3	1854.4
17.5°	1836.2	1828.1	1828.1	1826.1	1832.1
20°	1807.8	1801.7	1801.7	1799.7	1805.8
22.5°	1777.4	1769.3	1771.3	1771.3	1777.4
25°	1743.0	1736.9	1736.9	1736.9	1743.0
27.5°	1706.5	1700.4	1700.4	1702.4	1706.5
30°	1665.9	1659.9	1659.9	1661.9	1665.9
32.5°	1623.4	1619.3	1619.3	1621.4	1629.5
35°	1576.8	1572.7	1570.7	1574.7	1580.8
37.5°	1528.1	1524.1	1524.1	1530.2	1534.2
40°	1479.5	1473.4	1473.4	1479.5	1485.6
42.5°	1422.7	1418.7	1418.7	1424.8	1434.9
45°	1366.0	1361.9	1364.0	1374.1	1380.2
47.5°	1307.2	1301.1	1305.2	1313.3	1319.4
50°	1244.4	1240.3	1244.4	1252.5	1260.6
52.5°	1177.5	1177.5	1177.5	1189.7	1199.8
55°	1108.6	1102.5	1108.6	1120.8	1130.9
57.5°	1037.7	1031.6	1035.6	1053.9	1064.0
60°	960.7	954.6	960.7	980.9	993.1
62.5°	879.6	879.6	883.6	903.9	920.1
65°	800.5	798.5	802.6	826.9	845.1
67.5°	719.5	717.5	719.5	747.9	766.1
70°	634.4	630.3	632.3	664.8	685.0
72.5°	549.2	543.2	551.3	579.6	599.9
75°	460.1	458.0	462.1	492.5	512.8
77.5°	374.9	368.9	370.9	397.2	413.4
80°	283.7	275.6	277.7	293.9	310.1
82.5°	196.6	186.5	188.5	194.6	202.7
85°	109.4	105.4	103.4	97.3	105.4
87.5°	42.6	36.5	30.4	28.4	30.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)