

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: P189095

Luminaire Tested: **DRI-WD-1L35-UNV-24-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189095
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-1L35-UNV-24-T1-STD
Description: DIVIDE RECESSED 2x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC
Light Source: (308) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

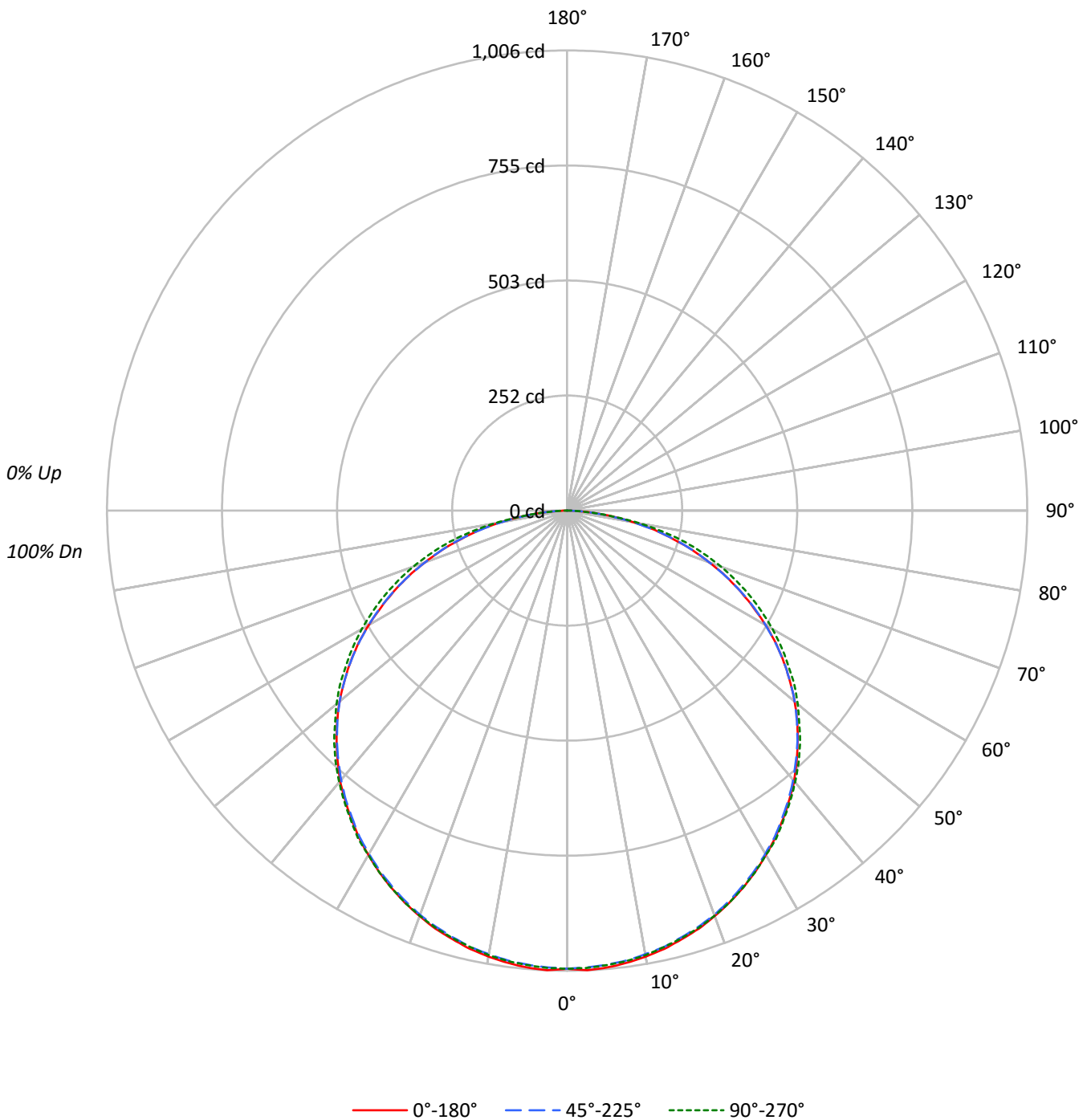
Lumens per Lamp: N/A
Luminaire Lumens: 3116.3 lumens
Efficiency: N/A
Efficacy: 136.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.42
Luminous Opening: Rectangular (W 1.79' x L: 3.83' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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



TEST NUMBER: P189095
CATALOG NUMBER: DRI-WD-1L35-UNV-24-T1-STD

Luminous Intensity Polar Plot





TEST NUMBER: P189095

CATALOG NUMBER: DRI-WD-1L35-UNV-24-T1-STD

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°	1570	1570	1570
5°	1577	1568	1569
10°	1576	1567	1570
15°	1574	1567	1570
20°	1574	1568	1572
25°	1573	1567	1573
30°	1573	1568	1573
35°	1574	1568	1578
40°	1580	1573	1586
45°	1580	1578	1596
50°	1583	1583	1604
55°	1581	1581	1613
60°	1571	1571	1625
65°	1549	1553	1636
70°	1517	1512	1638
75°	1454	1461	1620
80°	1337	1308	1460
85°	1027	969	989



TEST NUMBER: P189095

CATALOG NUMBER: DRI-WD-1L35-UNV-24-T1-STD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	3.0
10°-20°	273.0	8.8
20°-30°	418.4	13.4
30°-40°	514.6	16.5
40°-50°	550.6	17.7
50°-60°	519.3	16.7
60°-70°	419.0	13.4
70°-80°	259.6	8.3
80°-90°	66.9	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°	786.3	25.2
0°-40°	1300.9	41.7
0°-60°	2370.7	76.1
0°-90°	3116.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3116.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1002	1002	1002	1002	1002	
5°	1003	998	996	995	997	95
15°	970	967	966	965	968	274
25°	910	906	906	906	910	420
35°	823	821	820	822	825	515
45°	713	711	712	717	720	550
55°	579	575	579	585	590	517
65°	418	417	419	432	441	413
75°	240	239	241	257	268	254
85°	57	55	54	51	55	70
90°	0	0	0	0	0	



TEST NUMBER: P189095

CATALOG NUMBER: DRI-WD-1L35-UNV-24-T1-STD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1001.6	1001.6	1001.6	1001.6	1001.6
2.5°	1005.9	1000.6	999.5	998.5	1000.6
5°	1002.7	998.5	996.4	995.3	997.4
7.5°	997.4	993.2	992.1	990.0	993.2
10°	990.0	985.8	984.7	983.7	986.8
12.5°	981.5	977.3	977.3	975.2	977.3
15°	969.9	966.7	965.7	964.6	967.8
17.5°	958.3	954.0	954.0	953.0	956.2
20°	943.5	940.3	940.3	939.2	942.4
22.5°	927.6	923.4	924.4	924.4	927.6
25°	909.6	906.4	906.4	906.4	909.6
27.5°	890.6	887.4	887.4	888.5	890.6
30°	869.4	866.3	866.3	867.3	869.4
32.5°	847.2	845.1	845.1	846.2	850.4
35°	822.9	820.8	819.7	821.8	825.0
37.5°	797.5	795.4	795.4	798.6	800.7
40°	772.1	768.9	768.9	772.1	775.3
42.5°	742.5	740.4	740.4	743.6	748.8
45°	712.9	710.8	711.8	717.1	720.3
47.5°	682.2	679.0	681.2	685.4	688.6
50°	649.4	647.3	649.4	653.7	657.9
52.5°	614.5	614.5	614.5	620.9	626.2
55°	578.6	575.4	578.6	584.9	590.2
57.5°	541.5	538.4	540.5	550.0	555.3
60°	501.3	498.2	501.3	511.9	518.3
62.5°	459.0	459.0	461.2	471.7	480.2
65°	417.8	416.7	418.8	431.5	441.1
67.5°	375.5	374.4	375.5	390.3	399.8
70°	331.1	328.9	330.0	346.9	357.5
72.5°	286.6	283.5	287.7	302.5	313.1
75°	240.1	239.0	241.2	257.0	267.6
77.5°	195.7	192.5	193.6	207.3	215.8
80°	148.1	143.8	144.9	153.4	161.8
82.5°	102.6	97.3	98.4	101.5	105.8
85°	57.1	55.0	53.9	50.8	55.0
87.5°	22.2	19.0	15.9	14.8	15.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)