

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: P189068

Luminaire Tested: **DRI-WD-1L30-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189068
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34833)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WD-1L30-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 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: 2090.3 lumens
Efficiency: N/A
Efficacy: 129.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.36 / 1.46
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')
CIE Type: Direct

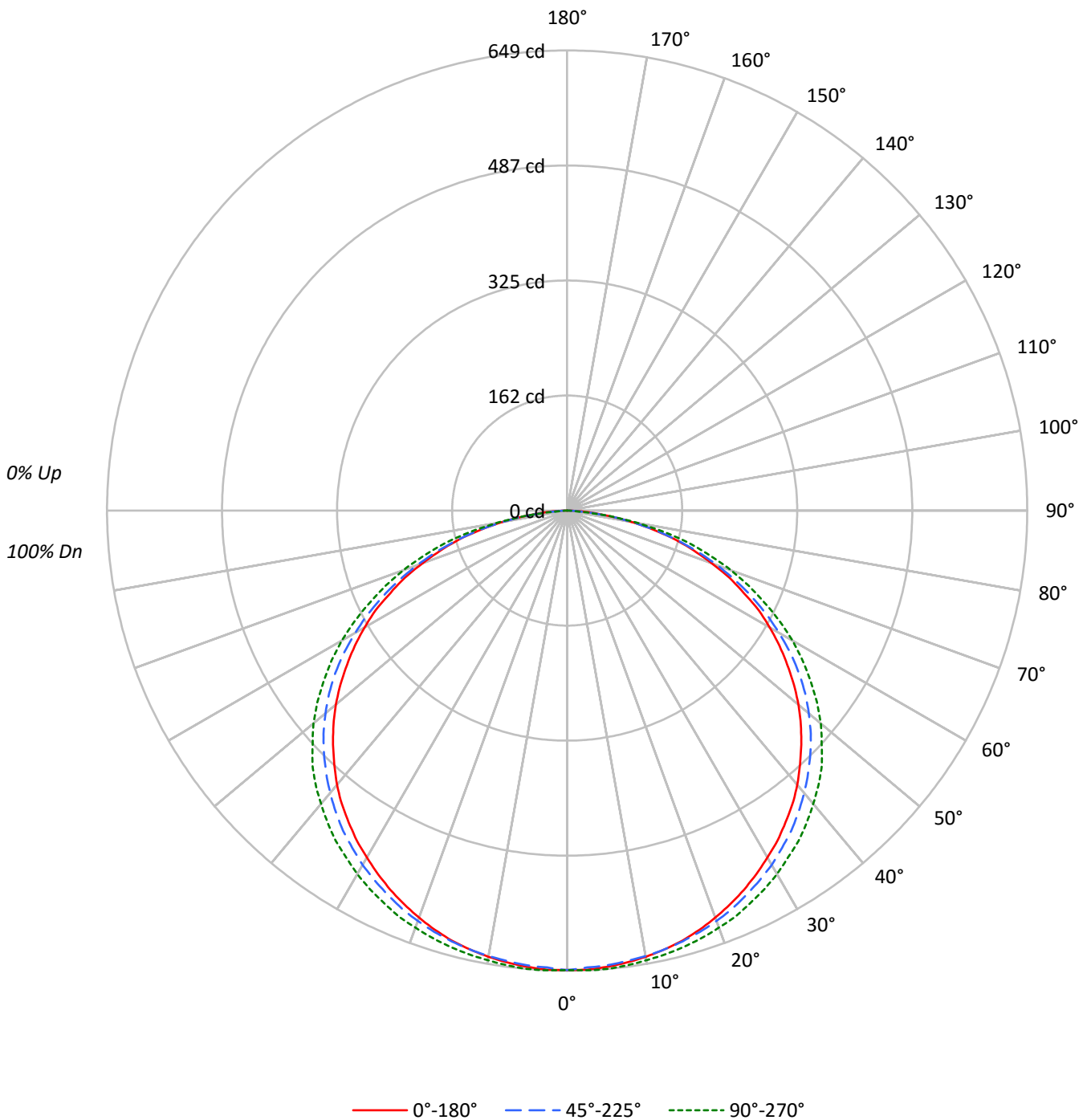
Input Watts (W): 16.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	87		89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	74		81	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	51		62	56	51		60	55	50	48
5	74	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	38		50	43	38		49	42	38	36
7	63	50	40	34	62	49	40	34	47	39	34		46	39	34		44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30		42	35	30		41	34	30	28
9	55	41	33	27	54	41	33	27	39	32	27		38	32	27		37	31	27	25
10	52	38	30	25	50	37	30	24	36	29	24		36	29	24		35	29	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1899	1899	1899
5°	1900	1894	1909
10°	1901	1898	1916
15°	1905	1908	1932
20°	1905	1921	1952
25°	1907	1933	1975
30°	1912	1952	2003
35°	1921	1971	2035
40°	1932	1989	2065
45°	1935	2010	2105
50°	1942	2028	2129
55°	1936	2038	2140
60°	1934	2022	2151
65°	1907	1990	2128
70°	1859	1928	2107
75°	1789	1811	2026
80°	1552	1552	1704
85°	1143	975	672



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.5	2.9
10°-20°	178.3	8.5
20°-30°	276.8	13.2
30°-40°	345.5	16.5
40°-50°	375.2	18.0
50°-60°	356.5	17.1
60°-70°	286.1	13.7
70°-80°	172.0	8.2
80°-90°	38.4	1.8
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°	516.6	24.7
0°-40°	862.1	41.2
0°-60°	1593.9	76.3
0°-90°	2090.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2090.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	648	648	648	648	648	
5°	646	646	644	647	649	61
15°	628	628	629	635	637	177
25°	590	593	598	608	611	272
35°	537	541	551	563	569	336
45°	467	473	485	501	508	360
55°	379	386	399	413	419	339
65°	275	279	287	301	307	273
75°	158	158	160	172	179	164
85°	34	32	29	24	20	42
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	648	648	648	648	648
2.5°	648	648	645	649	649
5°	646	646	644	647	649
7.5°	643	643	641	645	647
10°	639	639	638	642	644
12.5°	634	635	634	639	641
15°	628	628	629	635	637
17.5°	620	621	623	629	632
20°	611	613	616	623	626
22.5°	601	604	608	616	620
25°	590	593	598	608	611
27.5°	578	582	588	598	602
30°	565	569	577	587	592
32.5°	552	556	564	575	580
35°	537	541	551	563	569
37.5°	522	526	536	549	555
40°	505	510	520	534	540
42.5°	486	491	503	519	525
45°	467	473	485	501	508
47.5°	447	453	466	482	487
50°	426	432	445	461	467
52.5°	403	411	423	438	444
55°	379	386	399	413	419
57.5°	355	361	373	387	394
60°	330	334	345	359	367
62.5°	305	308	317	330	338
65°	275	279	287	301	307
67.5°	248	250	256	270	277
70°	217	220	225	237	246
72.5°	187	189	193	204	212
75°	158	158	160	172	179
77.5°	124	125	126	136	141
80°	92	92	92	96	101
82.5°	61	60	59	60	62
85°	34	32	29	24	20
87.5°	12	10	4	3	3
90°	0	0	0	0	0

(END OF REPORT)