

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: P506210

Luminaire Tested: **22PD-25-PW1-L930**

Issue Date: 3/26/2021



**Test Information**

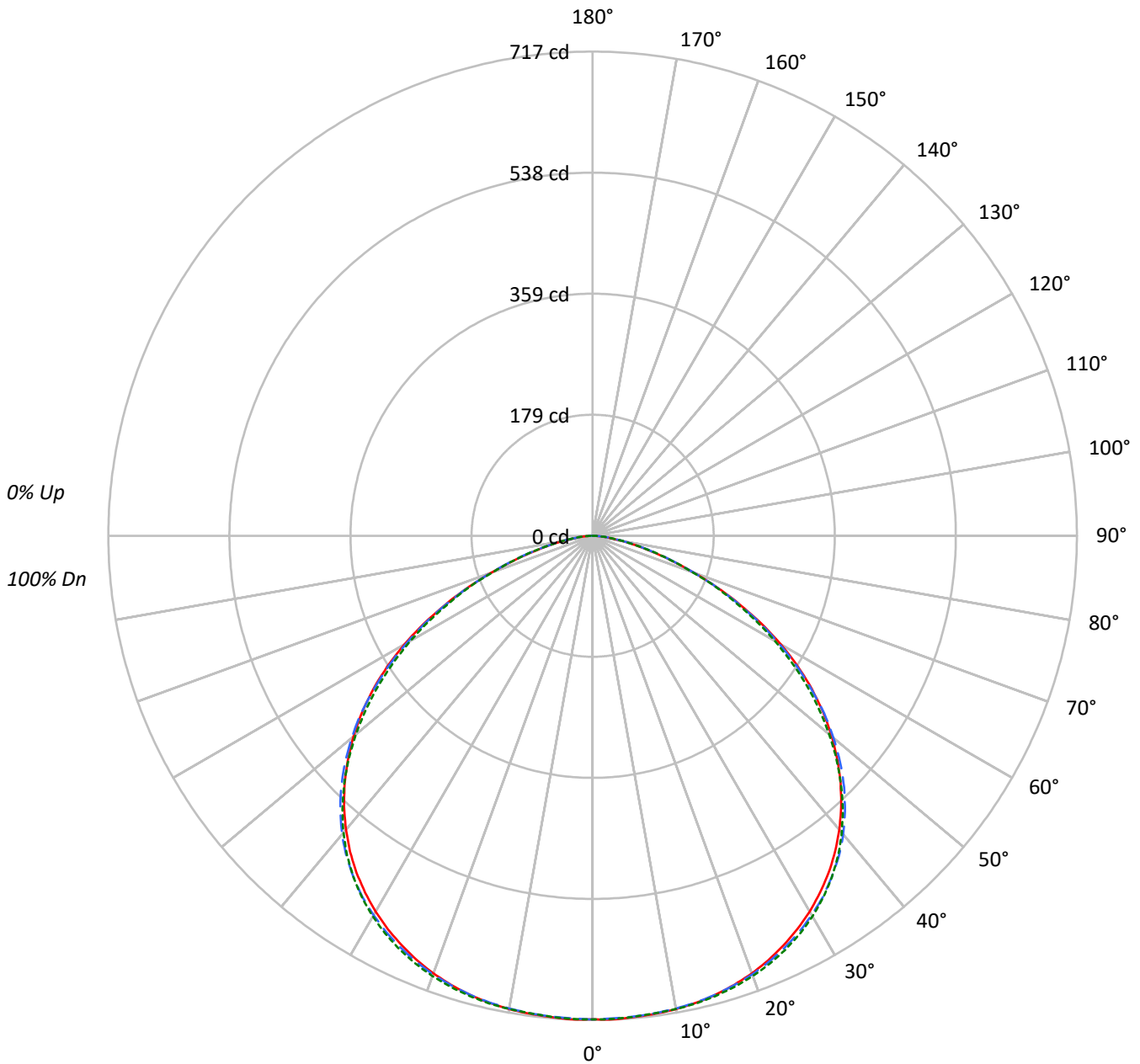
Test Method: LM-79-08  
Report Number: P506210  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PD-25-PW1-L930  
Description: 2500 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,  
3000K LEDS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2070.2 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.34 / 1.44  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P506210  
CATALOG NUMBER: 22PD-25-PW1-L930

### Luminous Intensity Polar Plot





TEST NUMBER: P506210

CATALOG NUMBER: 22PD-25-PW1-L930

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	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	87	82	77	83	79	75	80	77	74	72																			
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61																			
4	84	72	63	57	81	70	62	56	68	61	55	66	60	55	63	58	54	52																			
5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45																			
6	71	58	49	42	69	57	48	42	55	47	42	53	47	42	52	46	41	39																			
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35																			
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31																			
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28																			
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25																			

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

	0°	45°	90°
0°	1927	1927	1927
5°	1932	1930	1931
10°	1945	1942	1944
15°	1960	1960	1965
20°	1975	1979	1987
25°	1987	1998	2007
30°	1996	2015	2023
35°	2001	2027	2028
40°	1995	2028	2016
45°	1975	2004	1979
50°	1935	1949	1914
55°	1860	1852	1817
60°	1731	1713	1676
65°	1527	1512	1483
70°	1251	1257	1231
75°	947	979	971
80°	687	714	702
85°	451	466	497



TEST NUMBER: P506210

CATALOG NUMBER: 22PD-25-PW1-L930

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.1	3.3
10°-20°	198.9	9.6
20°-30°	310.1	15.0
30°-40°	384.4	18.6
40°-50°	402.2	19.4
50°-60°	350.5	16.9
60°-70°	234.8	11.3
70°-80°	101.8	4.9
80°-90°	19.6	0.9
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°	577.1	27.9
0°-40°	961.5	46.4
0°-60°	1714.1	82.8
0°-90°	2070.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2070.2	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	716	716	716	716	716	
5°	715	715	714	714	715	68
15°	704	703	703	704	705	199
25°	669	669	673	675	676	309
35°	609	612	617	618	617	381
45°	519	522	526	522	520	400
55°	396	396	395	390	387	353
65°	240	239	238	235	233	237
75°	91	93	94	93	93	100
85°	15	16	15	15	16	19
90°	0	0	0	0	0	



TEST NUMBER: P506210

CATALOG NUMBER: 22PD-25-PW1-L930

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	716.2	716.2	716.2	716.2	716.2
2.5°	717.0	715.7	715.4	715.4	716.2
5°	715.4	714.7	714.4	714.1	714.7
7.5°	713.9	712.9	713.1	712.6	713.1
10°	711.8	710.8	710.8	710.8	711.6
12.5°	708.3	707.5	707.7	708.3	709.3
15°	703.6	702.6	703.4	704.2	705.4
17.5°	697.2	696.5	697.8	699.0	700.1
20°	689.6	688.8	691.1	692.9	693.9
22.5°	680.1	679.8	682.9	685.0	685.7
25°	669.1	669.3	672.9	675.0	676.0
27.5°	656.5	657.1	661.7	663.5	664.5
30°	642.5	643.7	648.6	650.1	650.9
32.5°	626.6	628.4	634.3	635.3	635.3
35°	609.2	611.5	617.1	617.9	617.4
37.5°	589.7	592.3	598.7	597.7	596.9
40°	568.0	570.8	577.2	575.2	573.9
42.5°	544.7	547.5	553.1	550.1	548.3
45°	519.1	521.9	526.5	522.2	520.1
47.5°	491.5	494.8	497.1	492.2	489.7
50°	462.3	463.3	465.6	460.0	457.2
52.5°	430.5	430.5	432.3	426.2	422.9
55°	396.5	396.2	394.7	390.3	387.3
57.5°	360.4	358.9	357.8	353.2	349.6
60°	321.7	319.4	318.2	314.3	311.5
62.5°	281.3	280.0	278.5	275.4	272.3
65°	239.8	238.6	237.5	235.2	232.9
67.5°	198.6	197.9	197.9	196.3	196.1
70°	159.0	159.5	159.7	159.7	156.4
72.5°	123.1	123.4	124.7	123.6	123.4
75°	91.1	92.7	94.2	93.4	93.4
77.5°	65.5	67.8	67.8	67.3	66.6
80°	44.3	45.3	46.1	45.8	45.3
82.5°	28.2	28.9	28.2	28.7	28.9
85°	14.6	15.6	15.1	15.4	16.1
87.5°	4.9	5.4	5.6	5.4	5.4
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







— 0°-180°    - - 45°-225°    - - - - 90°-270°







(END OF REPORT)