

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: FAIL-SAFE

Report Number: P997325

Luminaire Tested: FSP-14-L3C3-CP375-4000K-MID

Issue Date: 6/20/2025

Test Information

Test Method: LM-79-2019
Report Number: P997325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1905-304-19)
Test Lab: INNOVATION CENTER
Issue Date: 6/20/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: FAIL-SAFE
Catalog Number: FSP-14-L3C3-CP375-4000K-MID
Description: Fail-Safe Sealed Selectable Panel Clear Outer Lens/Frosted Inner Lens
Light Source: -
Ballast/Driver: -

Summary

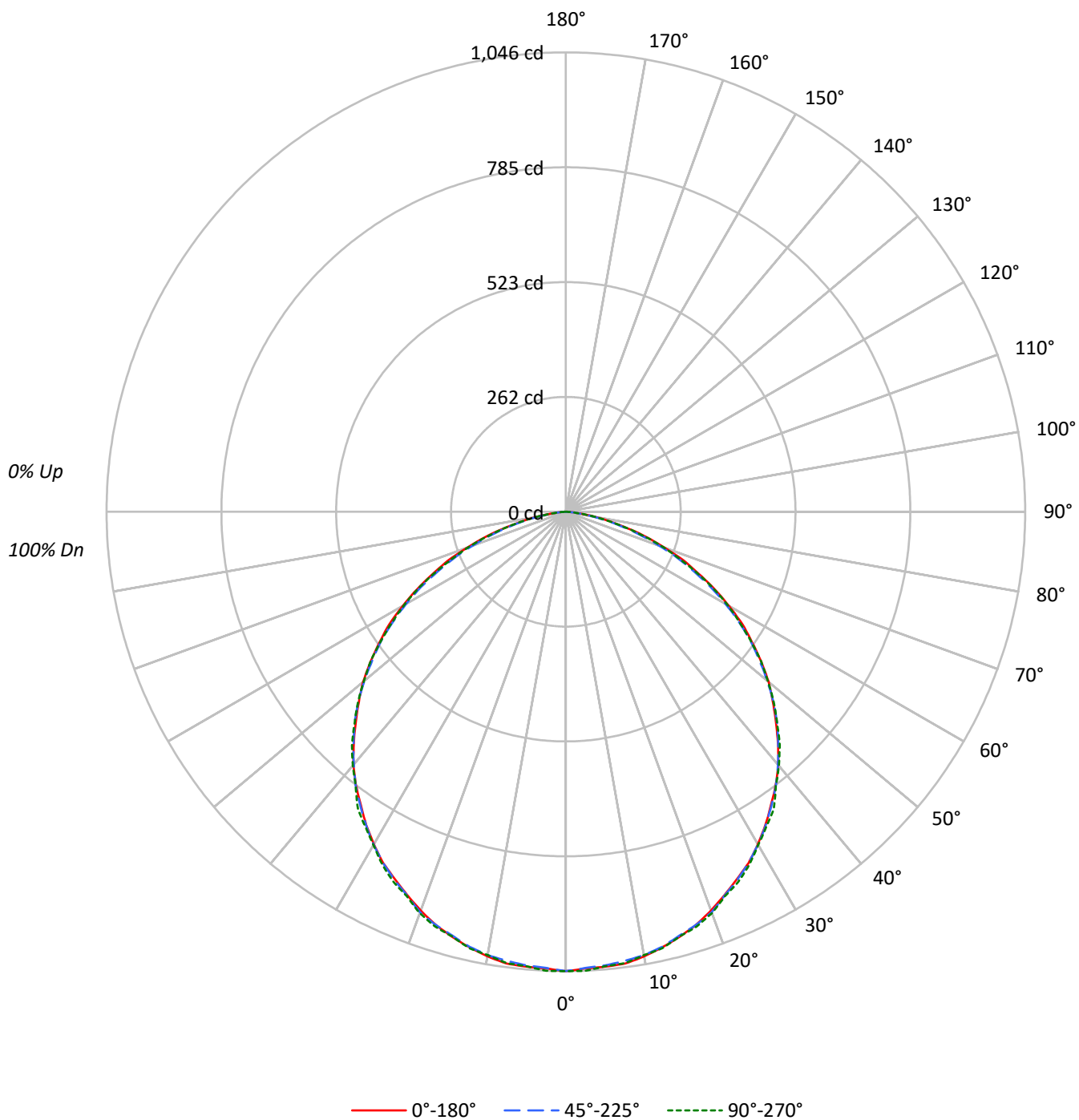
Lumens per Lamp: N/A
Luminaire Lumens: 2798.0 lumens
Efficiency: N/A
Efficacy: 99.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.81' x L: 3.81' x H: 0')
CIE Type: Direct

Input Watts (W): 28.2
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: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	105	101	97	107	103	99	96	99	96	93		95	92	90		91
2	100	92	85	80	97	90	84	79	87	82	77		83	79	75		80
3	91	81	73	67	89	79	72	66	76	70	65		74	68	64		71
4	84	72	63	57	81	71	63	56	68	61	56		66	60	55		64
5	77	64	56	49	75	63	55	49	61	54	48		59	53	48		57
6	71	58	49	43	69	57	49	43	55	48	42		54	47	42		52
7	66	53	44	38	64	52	44	38	50	43	37		49	42	37		47
8	61	48	40	34	60	47	39	34	46	39	33		45	38	33		44
9	57	44	36	30	56	43	36	30	42	35	30		41	35	30		40
10	54	41	33	28	52	40	33	28	39	32	27		38	32	27		37

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3635	3635	3635
5°	3627	3615	3623
10°	3628	3617	3617
15°	3604	3593	3601
20°	3573	3589	3597
25°	3536	3544	3564
30°	3507	3511	3516
35°	3454	3463	3503
40°	3413	3409	3423
45°	3322	3343	3343
50°	3258	3235	3246
55°	3136	3111	3118
60°	2979	2921	2957
65°	2740	2646	2706
70°	2428	2289	2396
75°	1956	1843	1941
80°	1385	1259	1343
85°	586	542	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3343 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.9	3.5
10°-20°	283.0	10.1
20°-30°	426.7	15.3
30°-40°	511.0	18.3
40°-50°	523.3	18.7
50°-60°	458.2	16.4
60°-70°	322.7	11.5
70°-80°	151.1	5.4
80°-90°	23.1	0.8
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°	808.6	28.9
0°-40°	1319.6	47.2
0°-60°	2301.1	82.2
0°-90°	2798.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2798.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1046	1046	1046	1046	1046	
5°	1040	1041	1036	1044	1039	99
15°	1002	1003	999	1006	1001	283
25°	922	926	924	930	930	426
35°	814	814	816	820	826	510
45°	676	675	680	680	680	523
55°	518	514	514	514	515	463
65°	333	327	322	321	329	332
75°	146	142	137	137	145	158
85°	15	15	14	14	16	25
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1046.0	1046.0	1046.0	1046.0	1046.0
2.5°	1040.7	1046.0	1039.7	1046.0	1046.0
5°	1039.7	1040.7	1036.5	1043.9	1038.6
7.5°	1037.6	1036.5	1031.3	1037.6	1036.5
10°	1028.1	1028.1	1025.0	1029.2	1025.0
12.5°	1015.6	1016.6	1014.5	1018.7	1017.7
15°	1001.9	1003.0	998.8	1006.1	1000.9
17.5°	986.2	986.2	986.2	988.3	990.4
20°	966.3	967.4	970.5	972.6	972.6
22.5°	944.3	944.3	945.3	948.5	947.4
25°	922.3	926.5	924.4	929.6	929.6
27.5°	901.3	902.4	901.3	905.5	905.5
30°	874.1	870.9	875.1	878.3	876.2
32.5°	845.8	842.6	846.8	851.0	850.0
35°	814.3	814.3	816.4	819.6	825.9
37.5°	785.0	782.9	786.0	788.1	786.0
40°	752.5	749.4	751.5	750.4	754.6
42.5°	714.8	714.8	715.8	716.9	721.1
45°	676.0	674.9	680.2	680.2	680.2
47.5°	639.3	640.4	641.4	642.5	642.5
50°	602.6	598.4	598.4	598.4	600.5
52.5°	560.7	556.5	555.5	554.4	560.7
55°	517.7	513.5	513.5	513.5	514.6
57.5°	476.9	468.5	467.4	464.3	469.5
60°	428.7	422.4	420.3	417.1	425.5
62.5°	382.5	376.3	372.1	370.0	379.4
65°	333.3	327.0	321.8	320.7	329.1
67.5°	291.4	279.8	275.6	274.6	280.9
70°	239.0	231.6	225.3	227.4	235.8
72.5°	194.9	186.6	181.3	181.3	189.7
75°	145.7	142.5	137.3	137.3	144.6
77.5°	104.8	101.7	96.4	98.5	102.7
80°	69.2	65.0	62.9	62.9	67.1
82.5°	38.8	35.6	34.6	34.6	36.7
85°	14.7	14.7	13.6	13.6	15.7
87.5°	3.1	3.1	3.1	2.1	3.1
90°	0.0	0.0	0.0	0.0	0.0

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.13	17.73	16.49	18.04	18.36	16.05	17.66	16.42	17.97	18.29
	3H	17.67	19.11	18.04	19.44	19.80	17.56	19.01	17.94	19.33	19.69
	4H	18.13	19.48	18.53	19.83	20.21	18.02	19.37	18.42	19.72	20.10
	6H	18.36	19.62	18.77	19.98	20.37	18.25	19.50	18.66	19.87	20.26
	8H	18.40	19.59	18.82	19.98	20.38	18.28	19.47	18.70	19.86	20.26
	12H	18.40	19.54	18.83	19.92	20.35	18.28	19.42	18.71	19.80	20.23
4H	2H	16.66	18.02	17.06	18.36	18.74	16.60	17.96	17.00	18.31	18.68
	3H	18.38	19.51	18.79	19.90	20.30	18.28	19.41	18.69	19.81	20.21
	4H	18.93	19.95	19.36	20.36	20.80	18.82	19.84	19.25	20.25	20.69
	6H	19.24	20.13	19.70	20.57	21.03	19.13	20.01	19.58	20.45	20.91
	8H	19.29	20.12	19.76	20.56	21.03	19.17	20.00	19.64	20.44	20.91
	12H	19.31	20.04	19.79	20.52	20.99	19.19	19.92	19.67	20.40	20.87
8H	4H	19.10	19.93	19.56	20.37	20.83	19.00	19.83	19.46	20.27	20.74
	6H	19.46	20.15	19.96	20.64	21.11	19.36	20.04	19.85	20.53	21.00
	8H	19.54	20.15	20.05	20.66	21.14	19.42	20.03	19.94	20.54	21.03
	12H	19.57	20.10	20.07	20.60	21.16	19.45	19.99	19.96	20.48	21.04
12H	4H	19.10	19.84	19.58	20.31	20.78	19.00	19.74	19.48	20.22	20.69
	6H	19.46	20.07	19.97	20.58	21.06	19.35	19.96	19.86	20.47	20.96
	8H	19.56	20.10	20.07	20.59	21.15	19.45	19.99	19.96	20.48	21.04