

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: P997322

Luminaire Tested: FSP-14-L3C3-CP375-3500K-MID

Issue Date: 6/20/2025

Test Information

Test Method: LM-79-2019
Report Number: P997322
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-CP375-3500K-MID
Description: Fail-Safe Sealed Selectable Panel Clear Outer Lens/Frosted Inner Lens
Light Source: -
Ballast/Driver: -

Summary

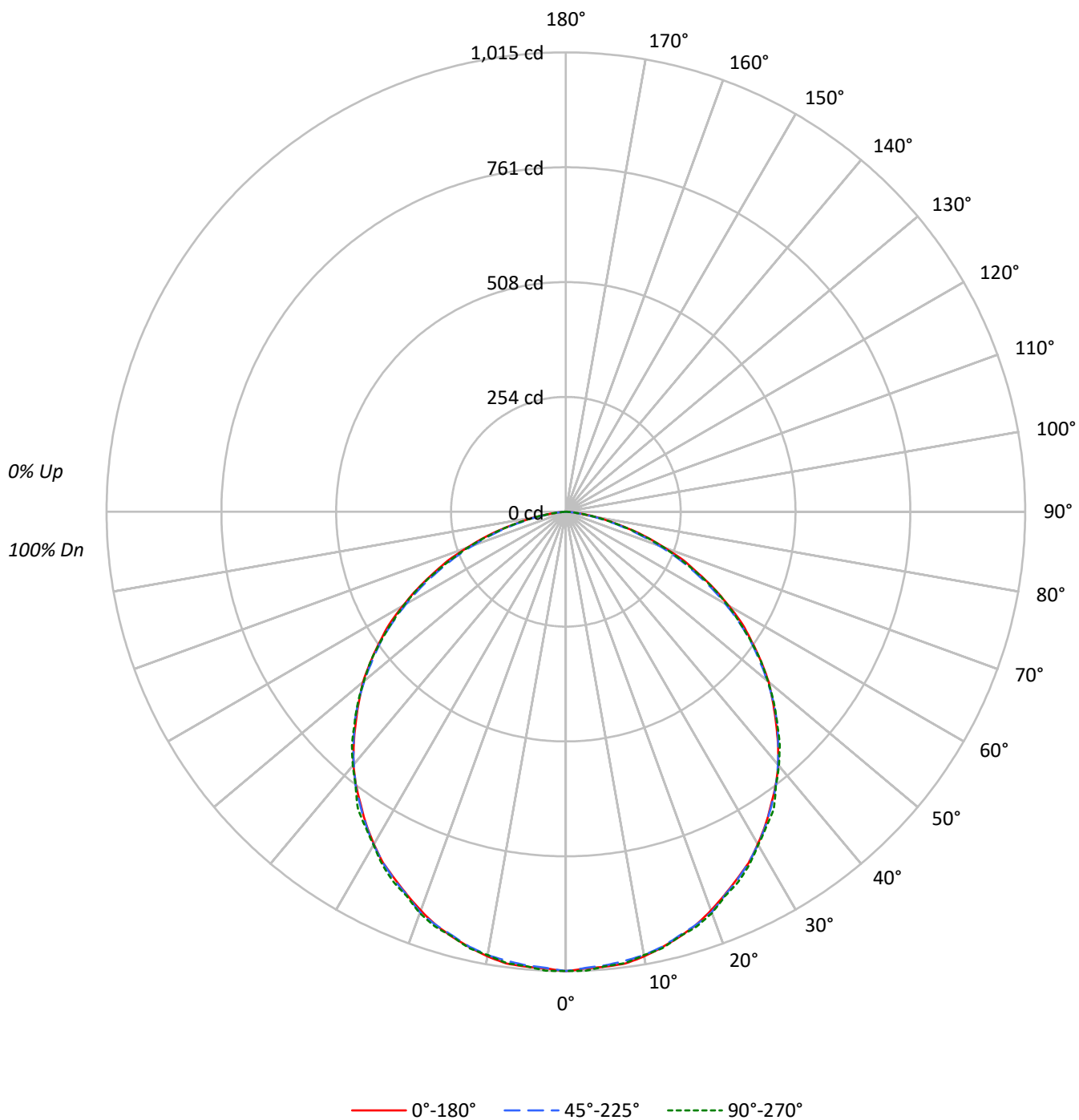
Lumens per Lamp: N/A
Luminaire Lumens: 2715.0 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.81' x L: 3.81' x H: 0')
CIE Type: Direct

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°	3527	3527	3527
5°	3519	3508	3515
10°	3520	3509	3509
15°	3497	3487	3494
20°	3467	3482	3490
25°	3431	3439	3458
30°	3403	3407	3411
35°	3352	3361	3400
40°	3312	3308	3321
45°	3223	3243	3243
50°	3161	3139	3150
55°	3044	3019	3025
60°	2890	2834	2870
65°	2659	2567	2625
70°	2356	2221	2325
75°	1898	1788	1884
80°	1343	1221	1303
85°	566	526	610

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3243 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.0	3.5
10°-20°	274.6	10.1
20°-30°	414.0	15.3
30°-40°	495.8	18.3
40°-50°	507.8	18.7
50°-60°	444.6	16.4
60°-70°	313.1	11.5
70°-80°	146.6	5.4
80°-90°	22.5	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°	784.6	28.9
0°-40°	1280.5	47.2
0°-60°	2232.9	82.2
0°-90°	2715.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2715.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1015	1015	1015	1015	1015	
5°	1009	1010	1006	1013	1008	96
15°	972	973	969	976	971	274
25°	895	899	897	902	902	413
35°	790	790	792	795	801	495
45°	656	655	660	660	660	507
55°	502	498	498	498	499	449
65°	323	317	312	311	319	322
75°	141	138	133	133	140	153
85°	14	14	13	13	15	24
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1014.9	1014.9	1014.9	1014.9	1014.9
2.5°	1009.8	1014.9	1008.8	1014.9	1014.9
5°	1008.8	1009.8	1005.8	1012.9	1007.8
7.5°	1006.8	1005.8	1000.7	1006.8	1005.8
10°	997.6	997.6	994.6	998.7	994.6
12.5°	985.4	986.5	984.4	988.5	987.5
15°	972.2	973.2	969.2	976.3	971.2
17.5°	957.0	957.0	957.0	959.0	961.0
20°	937.6	938.7	941.7	943.7	943.7
22.5°	916.3	916.3	917.3	920.4	919.3
25°	894.9	899.0	897.0	902.0	902.0
27.5°	874.6	875.6	874.6	878.7	878.7
30°	848.1	845.1	849.2	852.2	850.2
32.5°	820.7	817.6	821.7	825.8	824.8
35°	790.2	790.2	792.2	795.3	801.4
37.5°	761.7	759.7	762.7	764.8	762.7
40°	730.2	727.1	729.2	728.1	732.2
42.5°	693.6	693.6	694.6	695.6	699.7
45°	655.9	654.9	660.0	660.0	660.0
47.5°	620.3	621.4	622.4	623.4	623.4
50°	584.8	580.7	580.7	580.7	582.7
52.5°	544.1	540.0	539.0	538.0	544.1
55°	502.4	498.3	498.3	498.3	499.3
57.5°	462.7	454.6	453.6	450.5	455.6
60°	415.9	409.8	407.8	404.8	412.9
62.5°	371.2	365.1	361.0	359.0	368.1
65°	323.4	317.3	312.2	311.2	319.3
67.5°	282.7	271.5	267.5	266.4	272.5
70°	231.9	224.7	218.6	220.7	228.8
72.5°	189.2	181.0	175.9	175.9	184.1
75°	141.4	138.3	133.2	133.2	140.3
77.5°	101.7	98.6	93.6	95.6	99.7
80°	67.1	63.1	61.0	61.0	65.1
82.5°	37.6	34.6	33.6	33.6	35.6
85°	14.2	14.2	13.2	13.2	15.3
87.5°	3.1	3.1	3.1	2.0	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	16.02	17.63	16.39	17.94	18.25	15.95	17.55	16.31	17.87	18.18
	3H	17.56	19.01	17.94	19.33	19.69	17.46	18.90	17.83	19.23	19.59
	4H	18.02	19.38	18.42	19.73	20.10	17.91	19.27	18.31	19.62	19.99
	6H	18.26	19.51	18.67	19.88	20.27	18.14	19.40	18.55	19.76	20.15
	8H	18.29	19.49	18.72	19.88	20.28	18.17	19.37	18.60	19.76	20.16
	12H	18.29	19.44	18.72	19.82	20.25	18.17	19.32	18.60	19.70	20.13
4H	2H	16.56	17.91	16.95	18.26	18.64	16.50	17.85	16.90	18.20	18.58
	3H	18.27	19.40	18.68	19.80	20.20	18.18	19.31	18.59	19.71	20.11
	4H	18.83	19.84	19.26	20.26	20.69	18.72	19.73	19.15	20.15	20.58
	6H	19.14	20.02	19.59	20.46	20.92	19.02	19.91	19.48	20.35	20.81
	8H	19.19	20.01	19.65	20.46	20.92	19.07	19.89	19.53	20.34	20.80
	12H	19.20	19.94	19.68	20.42	20.89	19.08	19.82	19.56	20.30	20.77
8H	4H	19.00	19.82	19.46	20.26	20.73	18.90	19.72	19.36	20.17	20.63
	6H	19.36	20.04	19.85	20.53	21.01	19.25	19.93	19.75	20.42	20.90
	8H	19.43	20.04	19.94	20.55	21.04	19.32	19.93	19.83	20.44	20.92
	12H	19.46	20.00	19.97	20.49	21.05	19.35	19.89	19.86	20.38	20.94
12H	4H	18.99	19.73	19.47	20.21	20.68	18.90	19.64	19.38	20.11	20.58
	6H	19.35	19.96	19.86	20.47	20.96	19.25	19.86	19.76	20.37	20.85
	8H	19.46	19.99	19.96	20.49	21.05	19.35	19.88	19.85	20.37	20.94

END OF REPORT