

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: IRiS

Report Number: P1303145

Luminaire Tested: P3RT05R609027DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303145
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R609027DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

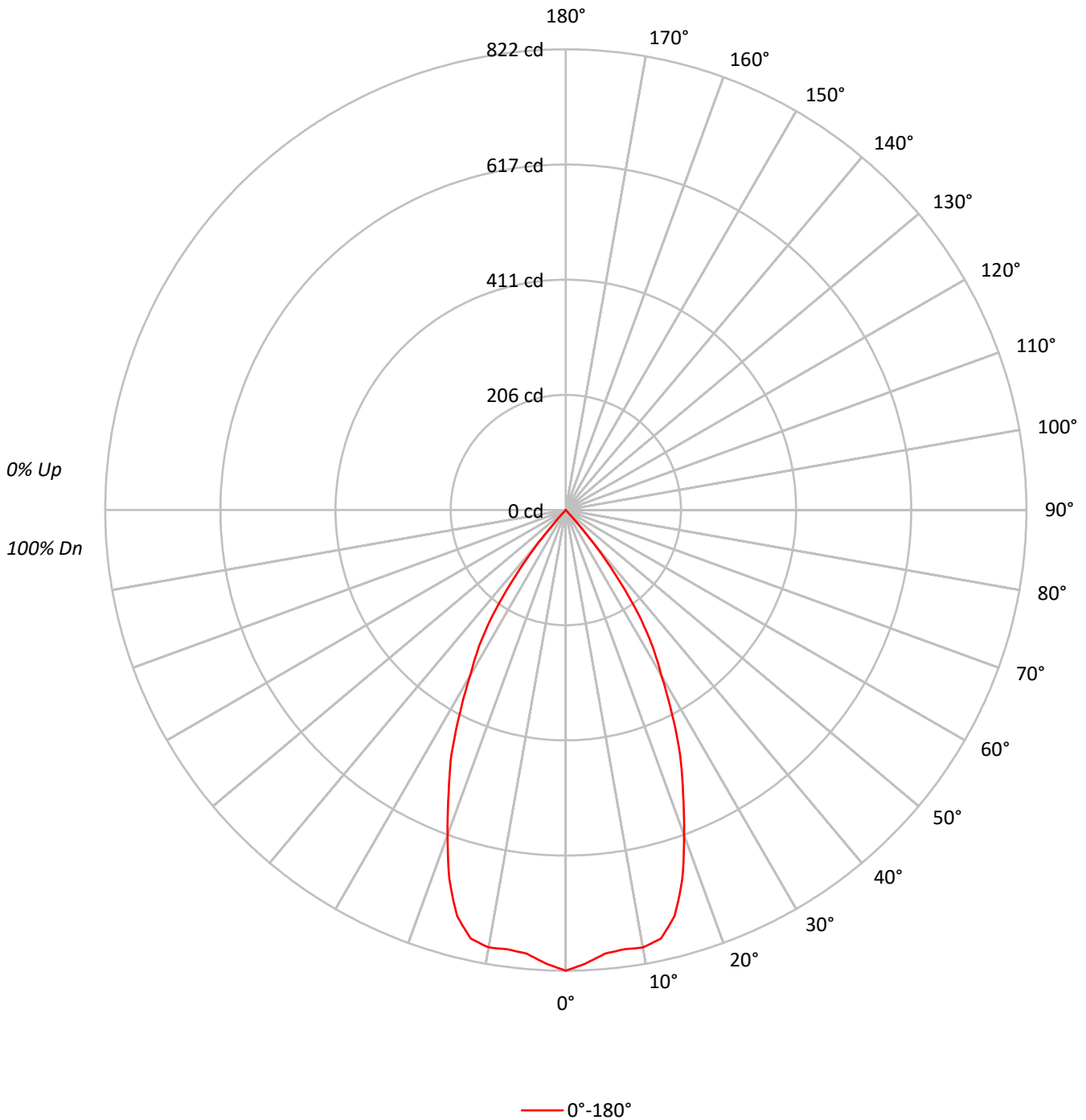
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 640.0 lumens
Efficiency: N/A
Efficacy: 88.9 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1303145
CATALOG NUMBER: P3RT05R609027DE010 E3CBUS1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1303145
 CATALOG NUMBER: P3RT05R609027DE010 E3CBUS1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	89	89	89	89
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78	78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73	73	73	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69	69	69	69
7	86	77	71	68	85	76	71	67	75	70	67	74	70	67	73	69	66	65	65	65	65
8	82	73	67	63	81	72	67	63	71	67	63	70	66	63	69	66	63	61	61	61	61
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	58	58	58	58
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	55	55	55	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180249
5°	174928
10°	176483
15°	170285
20°	144049
25°	116983
30°	86494
35°	59963
40°	21469
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 0 cd/sqm



TEST NUMBER: P1303145
 CATALOG NUMBER: P3RT05R609027DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	11.9
10°-20°	205.0	32.0
20°-30°	218.4	34.1
30°-40°	132.7	20.7
40°-50°	7.9	1.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	499.4	78.0
0°-40°	632.1	98.8
0°-60°	640.0	100.0
0°-90°	640.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	640.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	822	
5°	795	76
15°	750	205
25°	484	218
35°	224	133
45°	0	8
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1303145
CATALOG NUMBER: P3RT05R609027DE010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	822.0
2.5°	809.9
5°	794.7
7.5°	790.6
10°	792.6
12.5°	783.5
15°	750.1
17.5°	691.3
20°	617.3
22.5°	546.3
25°	483.5
27.5°	410.5
30°	341.6
32.5°	287.9
35°	224.0
37.5°	146.0
40°	75.0
42.5°	6.1
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)