

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: PORTFOLIO

Report Number: P774389

Luminaire Tested: LD6D95BD010-EU6DR4070959040-6LBSQW1MW

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774389
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-28)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR4070959040-6LBSQW1MW
Description: 6 INCH SQAURE DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 40° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

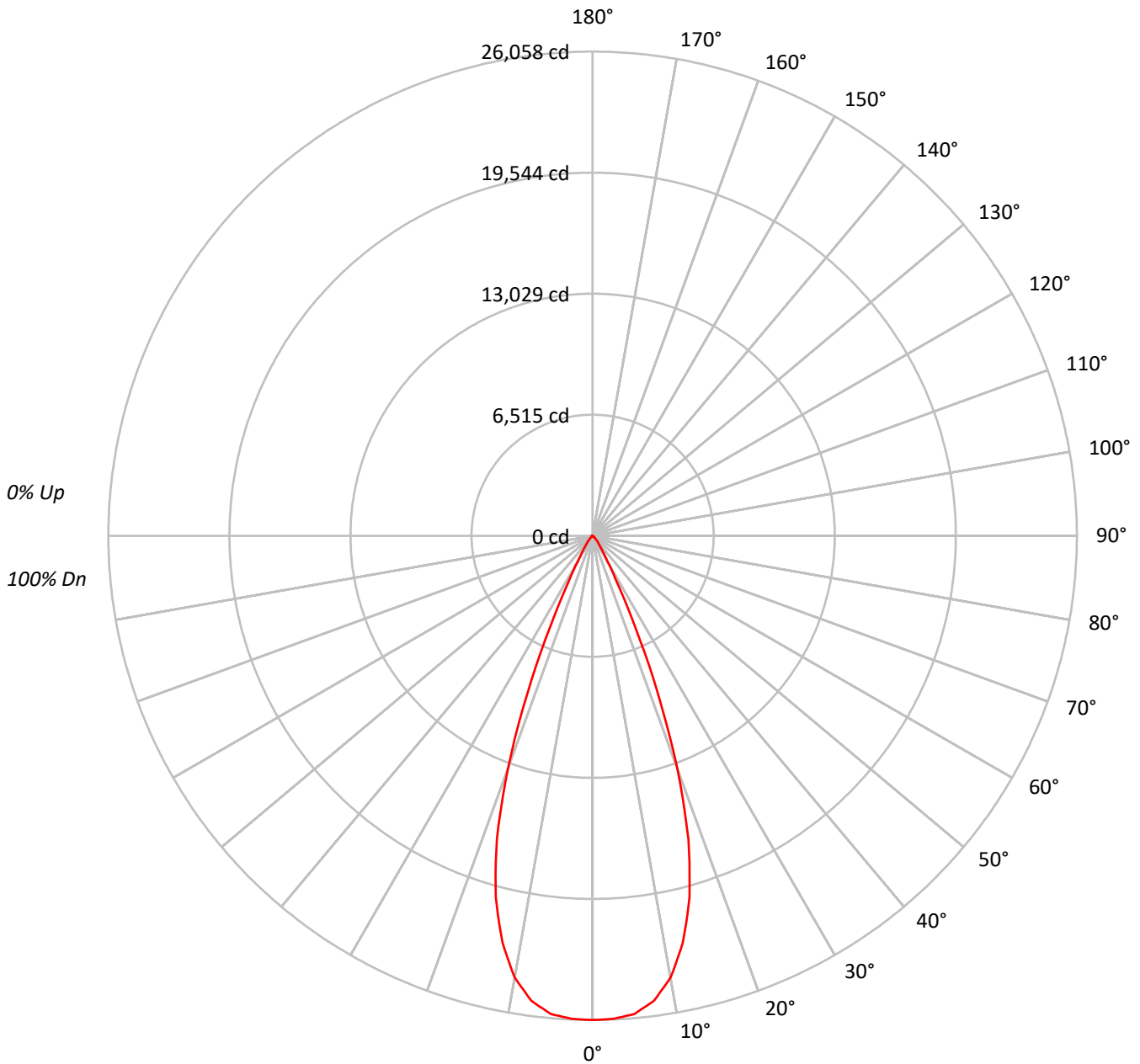
Lumens per Lamp: N/A
Luminaire Lumens: 11192.1 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Spacing Criteria (0/90/45): 0.68 / 0.68 / 0.6
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 99.2
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									
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	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	97	96																			
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	95	93	92																			
3	106	101	97	94	104	100	96	93	97	94	92	95	93	90	93	91	89	88																			
4	102	97	92	89	101	95	91	88	93	90	87	92	89	86	90	87	85	84																			
5	99	92	88	84	97	91	87	84	90	86	83	88	85	83	87	84	82	81																			
6	95	88	84	80	94	88	83	80	86	82	80	85	82	79	84	81	79	77																			
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	74																			
8	89	82	77	74	88	81	77	74	80	76	73	79	76	73	78	75	73	72																			
9	86	79	74	71	85	78	74	71	77	73	71	76	73	70	76	72	70	69																			
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2847128
5°	2833293
10°	2678077
15°	2276712
20°	1551743
25°	647445
30°	203577
35°	94622
40°	52331
45°	23997
50°	11644
55°	6381
60°	3322
65°	1189
70°	479
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23997 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2412.1	21.6
10°-20°	5403.8	48.3
20°-30°	2705.0	24.2
30°-40°	495.8	4.4
40°-50°	136.8	1.2
50°-60°	32.1	0.3
60°-70°	6.1	0.1
70°-80°	0.2	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°	10520.9	94.0
0°-40°	11016.8	98.4
0°-60°	11185.7	99.9
0°-90°	11192.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11192.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	26058	
5°	25833	###
15°	20127	5404
25°	5370	2705
35°	709	496
45°	155	137
55°	34	32
65°	5	6
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	26058.1
2.5°	26020.0
5°	25832.8
7.5°	25236.1
10°	24138.5
12.5°	22427.5
15°	20127.4
17.5°	17136.1
20°	13345.7
22.5°	9098.6
25°	5370.5
27.5°	2839.0
30°	1613.6
32.5°	1042.7
35°	709.4
37.5°	506.9
40°	366.9
42.5°	251.2
45°	155.3
47.5°	98.9
50°	68.5
52.5°	48.7
55°	33.5
57.5°	21.3
60°	15.2
62.5°	9.1
65°	4.6
67.5°	3.0
70°	1.5
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

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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