

Signify Classified - Internal
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: PORTFOLIO

Report Number: P792113

Luminaire Tested: LER6D35BD010-EC6DR6020359030-6LBDP1LI

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P792113
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-57)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LER6D35BD010-EC6DR6020359030-6LBDP1LI
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR CLEAR TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4004.2 lumens
Efficiency: N/A
Efficacy: 130.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.83
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 30.8
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

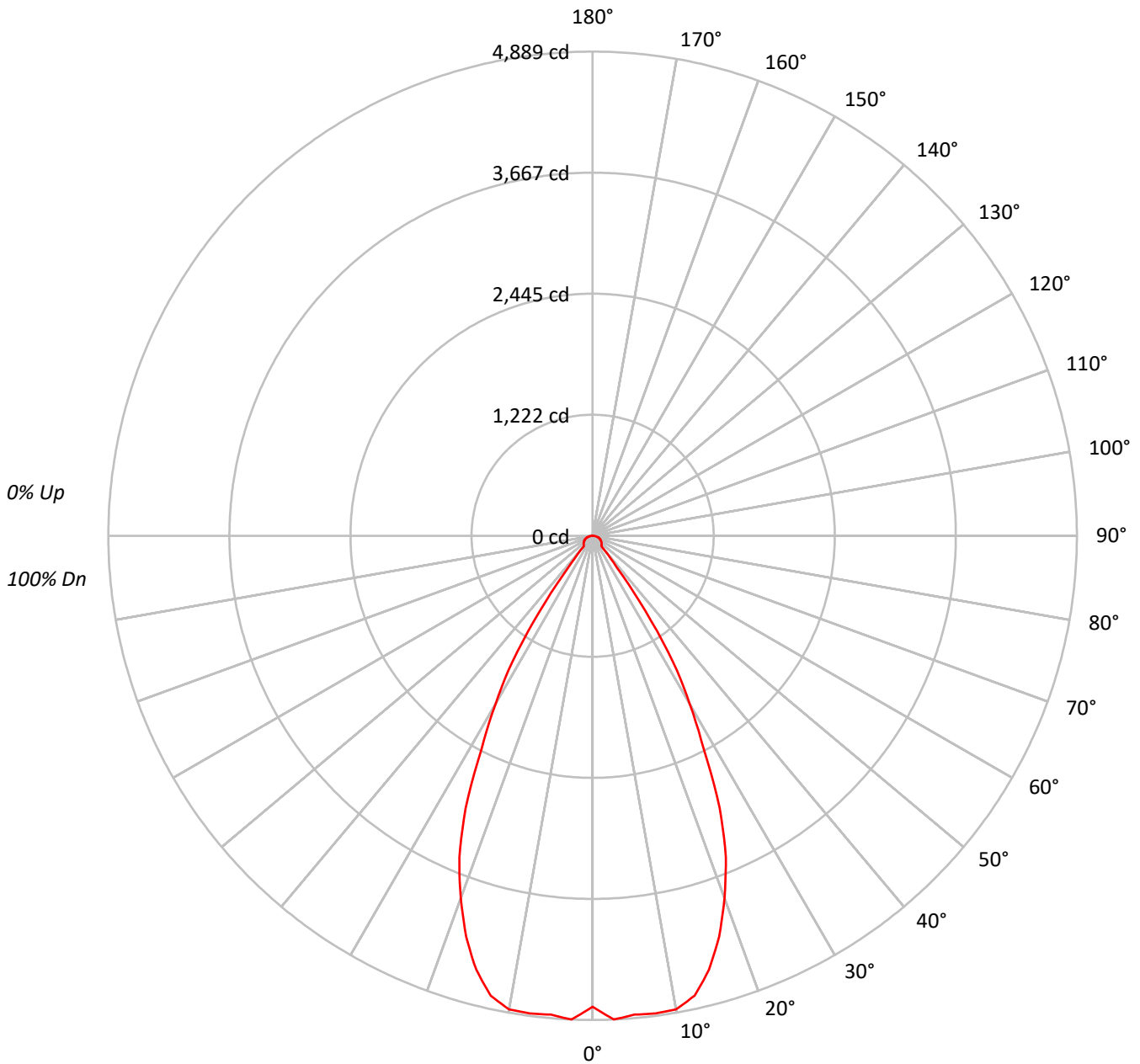


Downlight

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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			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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	96	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	75	69	65	83	74	68	64	73	68	64	72	67	64	71	67	63	62	62	62	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55	55	55	55
10	73	64	58	54	72	63	58	54	62	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	519600
5°	532378
10°	538811
15°	513282
20°	452557
25°	366044
30°	247596
35°	124073
40°	20125
45°	19701
50°	20092
55°	20402
60°	20956
65°	21432
70°	21947
75°	22205
80°	21393
85°	17801

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 22205 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	463.9	11.6
10°-20°	1255.2	31.3
20°-30°	1350.4	33.7
30°-40°	587.0	14.7
40°-50°	98.6	2.5
50°-60°	95.9	2.4
60°-70°	82.0	2.0
70°-80°	54.9	1.4
80°-90°	16.4	0.4
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°	3069.5	76.7
0°-40°	3656.5	91.3
0°-60°	3851.0	96.2
0°-90°	4004.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4004.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4756	
5°	4854	464
15°	4538	1255
25°	3036	1350
35°	930	587
45°	128	99
55°	107	96
65°	83	82
75°	53	55
85°	14	16
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4755.6
2.5°	4889.3
5°	4854.0
7.5°	4865.1
10°	4856.5
12.5°	4756.2
15°	4537.7
17.5°	4244.4
20°	3892.2
22.5°	3515.3
25°	3036.3
27.5°	2428.5
30°	1962.5
32.5°	1512.6
35°	930.2
37.5°	397.9
40°	141.1
42.5°	130.0
45°	127.5
47.5°	123.2
50°	118.2
52.5°	112.6
55°	107.1
57.5°	101.5
60°	95.9
62.5°	89.7
65°	82.9
67.5°	76.1
70°	68.7
72.5°	60.7
75°	52.6
77.5°	43.3
80°	34.0
82.5°	24.1
85°	14.2
87.5°	5.0
90°	0.0

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Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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(END OF REPORT)