

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: P761692

Luminaire Tested: LD6D15D010-EU6DR600215IC9050-6LBS1H

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P761692
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-60)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D15D010-EU6DR600215IC9050-6LBS1H
Description: 6 INCH ROUND SHALLOW SEMI-SPECULAR CLEAR TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1580.5 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.92
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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



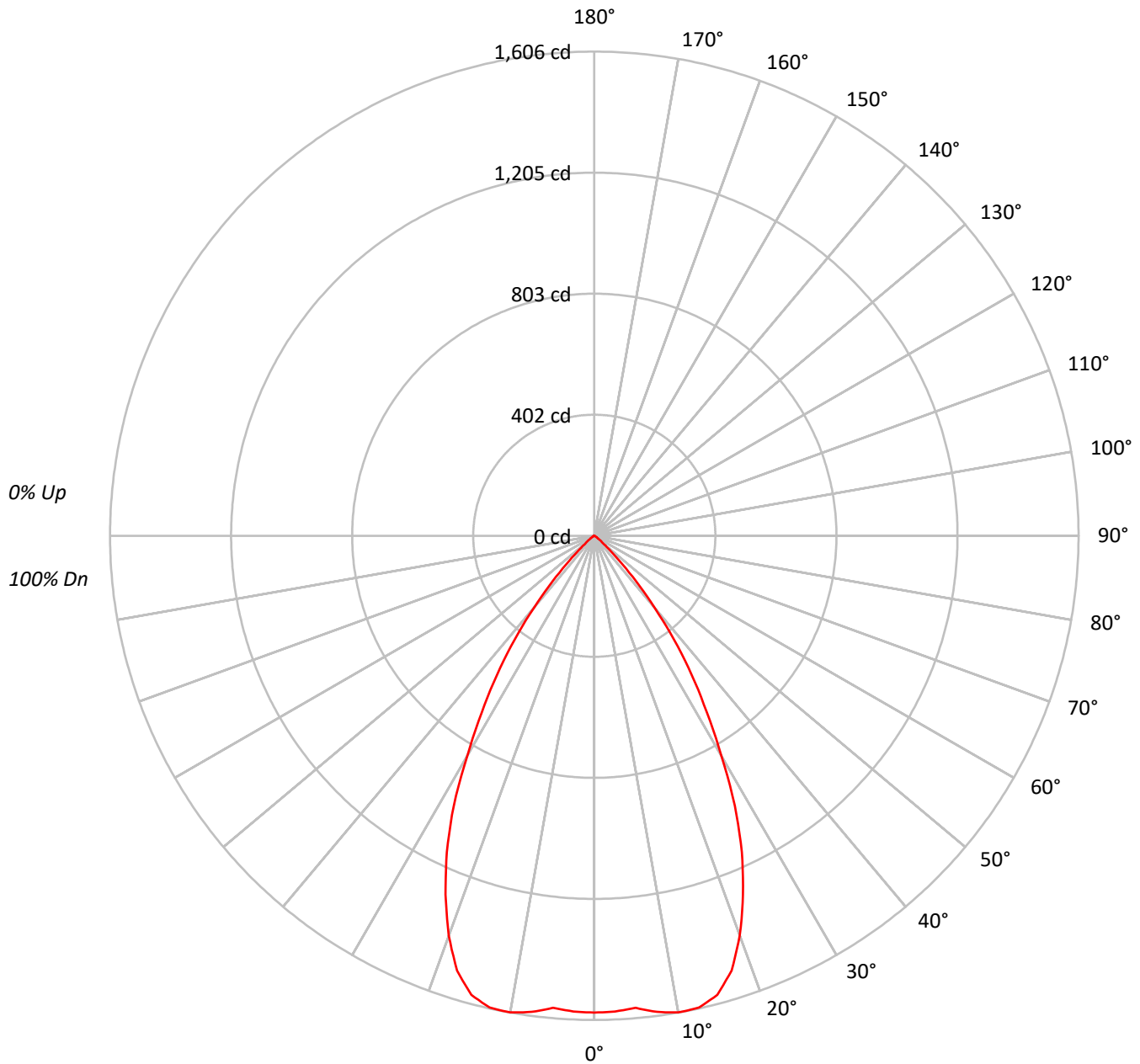
Downlight



TEST NUMBER: P761692

CATALOG NUMBER: LD6D15D010-EU6DR600215IC9050-6LBS1H

Luminous Intensity Polar Plot





TEST NUMBER: P761692

CATALOG NUMBER: LD6D15D010-EU6DR600215IC9050-6LBS1H

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	101	98	95		98	95	92		95	93	90		92	90	89
3	102	96	91	87		100	95	90	86		92	88	85		90	86	84		87	85	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	77	73		81	76	73		79	75	72		78	74	71
6	88	79	73	68		86	78	72	68		76	71	68		75	70	67		74	70	67
7	83	74	68	63		82	73	67	63		72	67	63		71	66	63		69	65	62
8	79	69	63	59		78	69	63	59		68	63	59		67	62	59		66	61	58
9	75	65	59	55		74	65	59	55		64	59	55		63	58	55		62	58	55
10	72	62	56	52		71	61	56	52		61	55	52		60	55	52		59	55	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172818
5°	172392
10°	178124
15°	178303
20°	164049
25°	139543
30°	106331
35°	75188
40°	44158
45°	17816
50°	5949
55°	2857
60°	1180
65°	181
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17816 cd/sqm

TEST NUMBER: P761692

CATALOG NUMBER: LD6D15D010-EU6DR600215IC9050-6LBS1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.6	9.6
10°-20°	436.7	27.6
20°-30°	522.7	33.1
30°-40°	349.6	22.1
40°-50°	103.6	6.6
50°-60°	14.9	0.9
60°-70°	1.4	0.1
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°	1111.0	70.3
0°-40°	1460.6	92.4
0°-60°	1579.1	99.9
0°-90°	1580.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1580.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1582	
5°	1572	152
15°	1576	437
25°	1158	523
35°	564	350
45°	115	104
55°	15	15
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P761692

CATALOG NUMBER: LD6D15D010-EU6DR600215IC9050-6LBS1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	1581.7
2.5°	1579.6
5°	1571.8
7.5°	1593.1
10°	1605.5
12.5°	1603.2
15°	1576.3
17.5°	1512.8
20°	1410.9
22.5°	1288.7
25°	1157.5
27.5°	1009.7
30°	842.8
32.5°	693.8
35°	563.7
37.5°	433.4
40°	309.6
42.5°	204.1
45°	115.3
47.5°	59.0
50°	35.0
52.5°	22.6
55°	15.0
57.5°	9.6
60°	5.4
62.5°	2.2
65°	0.7
67.5°	0.2
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



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)