

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMARK

Report Number: G3-2010-983-6

Luminaire Tested: **CLCS17S-60W-5000K**

Test Date: 10/16/2020

Report Generated By 670245982

**Test Information**

Test Method: LM-79-08  
Report Number: G3-2010-983-6  
Test Lab: COOPER LIGHTING SOLUTIONS  
Test Date: 10/16/2020  
Issue Date: 10/16/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: CLCS17S-60W-5000K  
Description: SELECTABLE CANOPY, 60W, 5000K  
Light Source: -  
Ballast/Driver: -  
SS-75L-42B

**Summary**

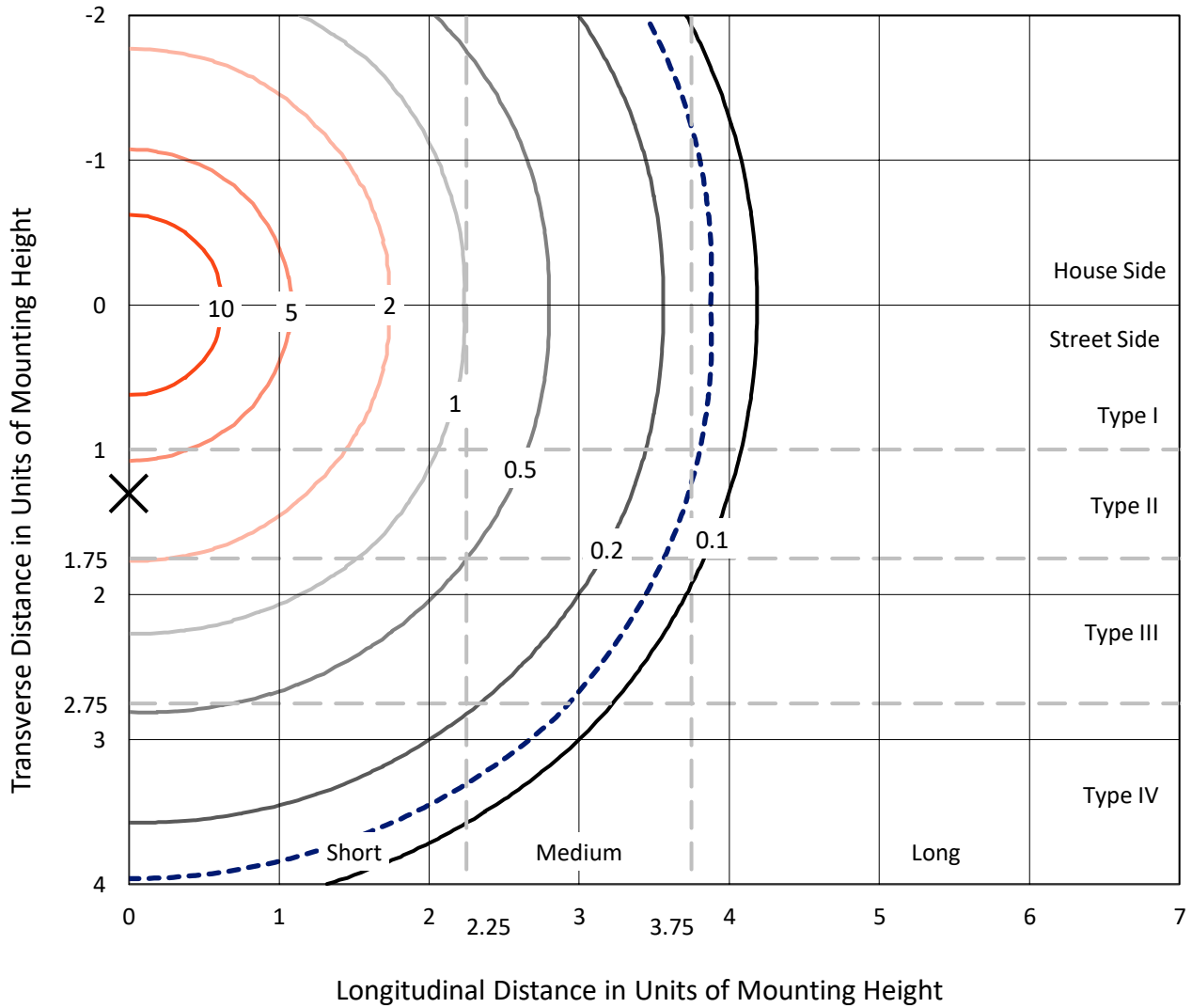
Lumens per Lamp: N/A  
Luminaire Lumens: 7939.1 lumens  
Efficiency: N/A  
Efficacy: 141.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.75' x H: 0.1')  
IES Classification: Type V - Short  
BUG Rating: B3 - U2 - G2  
  
Input Watts (W): 56.1  
Input Voltage (V): 120.0  
Input Current (A<sub>in</sub>): 0.470  
Voltage Rise (V): NR  
Power Factor: 0.9955  
Total Harmonic Distortion (THDi): 5.84%  
Frequency (hertz): 60  
Stabilization Time: 0.5 HR  
Operation Time: 3 HR  
Ambient Temperature (°C): 25.1  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

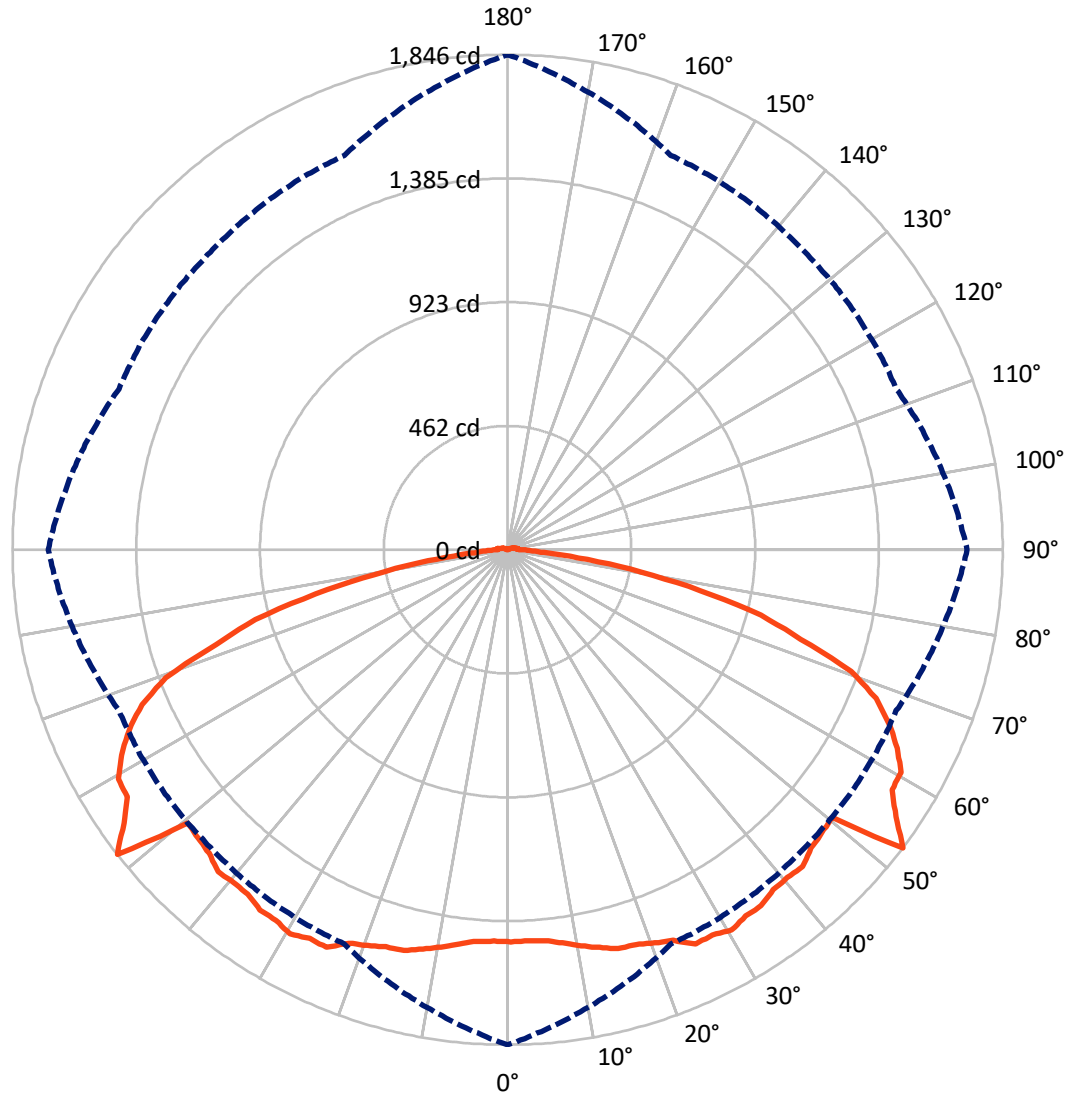
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.6 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

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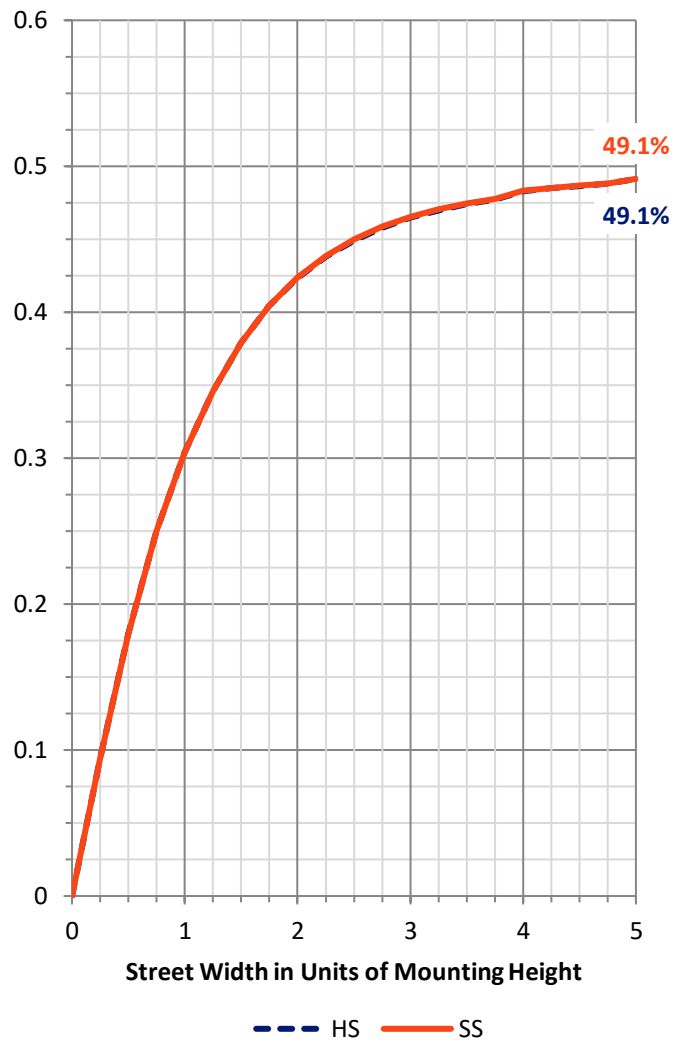
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3937.1	32.4	3969.5
	% Fixture	49.6	0.4	50.0
<b>Street Side</b>	Lumens	3937.1	32.4	3969.5
	% Fixture	49.6	0.4	50.0
<b>Total</b>	Lumens	7874.3	64.8	7939.1
	% Fixture	99.2	0.8	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	139.4	1.8
10°-20°	434.1	5.5
20°-30°	745.9	9.4
30°-40°	1026.8	12.9
40°-50°	1235.2	15.6
50°-60°	1479.7	18.6
60°-70°	1559.7	19.6
70°-80°	1024.1	12.9
80°-90°	229.4	2.9
90°-100°	36.7	0.5
100°-110°	20.0	0.3
110°-120°	6.8	0.1
120°-130°	1.3	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°-90°	7874.3	99.2
0°-180°	7939.1	100.0

**Coefficient of Utilization**

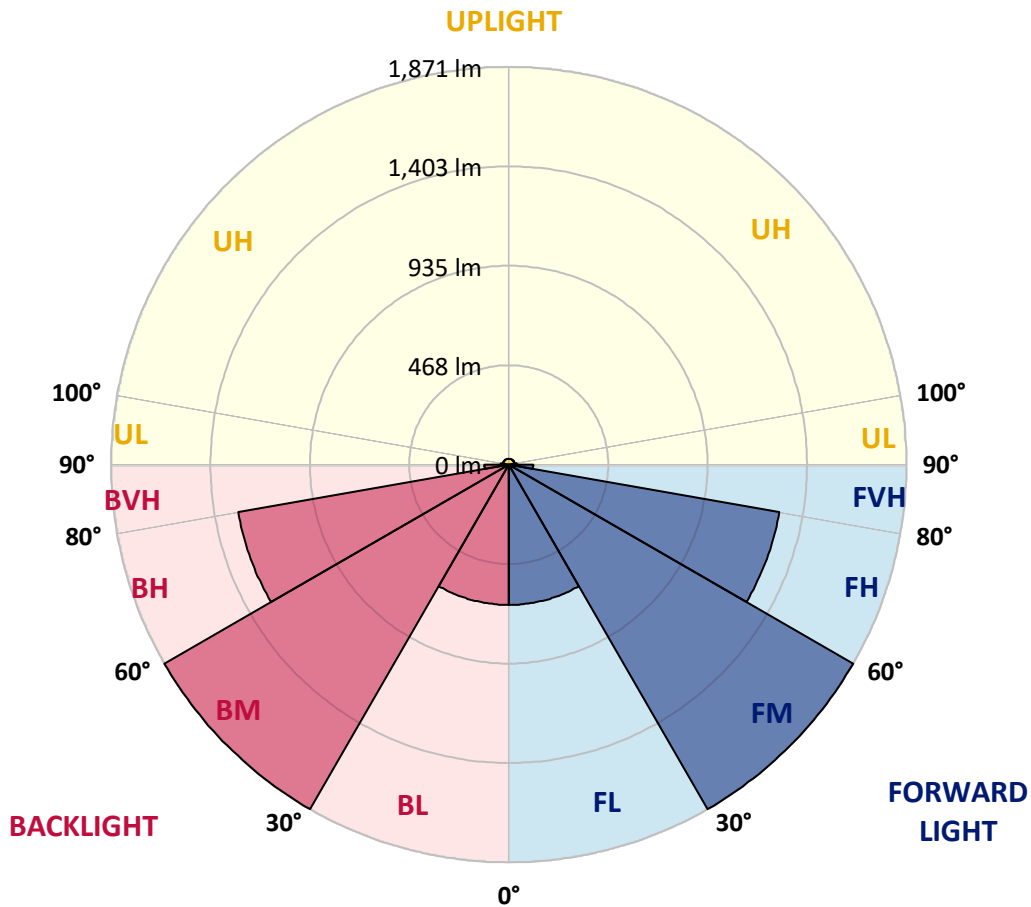


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	659.7	8.3			
FM (30°-60°)	1870.9	23.6			
FH (60°-80°)	1291.9	16.3			G1/1800
FVH (80°-90°)	114.7	1.4			G2/225
BL (0°-30°)	659.7	8.3	B2/1000		
BM (30°-60°)	1870.9	23.6	B2/2500		
BH (60°-80°)	1291.9	16.3	B3/2500		G1/1800
BVH (80°-90°)	114.7	1.4			G2/225
UL (90°-100°)	36.7	0.5		U2/50	
UH (100°-180°)	28.2	0.4		U2/50	

**BUG Rating: B3-U2-G2**  
 Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1462	1462	1462	1462	1462
2.5°	1460	1456	1451	1448	1448
5°	1464	1456	1443	1435	1435
7.5°	1480	1459	1449	1457	1464
10°	1502	1473	1475	1485	1497
12.5°	1522	1486	1519	1509	1506
15°	1543	1510	1548	1523	1513
17.5°	1548	1536	1570	1539	1540
20°	1565	1561	1581	1569	1573
22.5°	1582	1578	1592	1590	1603
25°	1629	1607	1596	1614	1641
27.5°	1626	1636	1612	1644	1644
30°	1646	1642	1626	1653	1617
32.5°	1629	1657	1642	1654	1606
35°	1629	1625	1654	1638	1620
37.5°	1609	1620	1666	1622	1623
40°	1607	1608	1659	1624	1596
42.5°	1614	1596	1639	1602	1598
45°	1587	1594	1604	1581	1632
47.5°	1577	1574	1582	1577	1596
50°	1568	1570	1572	1558	1571
52.5°	1846	1591	1568	1568	1713
55°	1756	1693	1581	1763	1560
57.5°	1690	1705	1599	1694	1770
60°	1685	1703	1629	1653	1583
62.5°	1630	1660	1706	1610	1605
65°	1564	1606	1663	1595	1444
67.5°	1481	1525	1596	1488	1479
70°	1360	1429	1435	1405	1327
72.5°	1142	1251	1255	1226	1156
75°	977	994	1000	987	949
77.5°	734	714	753	714	701
80°	505	511	499	506	514
82.5°	300	323	332	332	315
85°	135	154	167	164	154
87.5°	81	86	83	90	82
90°	46	49	46	51	48
92.5°	35	34	29	35	37
95°	33	31	26	33	36
97.5°	38	33	26	33	37
100°	30	28	19	28	32
102.5°	28	24	15	24	28
105°	22	19	12	19	24
107.5°	21	16	8	16	20
110°	18	13	6	12	17



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	14	9	5	9	13
115°	9	7	4	6	9
117.5°	6	4	1	5	6
120°	5	4	1	3	5
122.5°	5	2	0	2	4
125°	1	1	0	1	2
127.5°	1	1	0	1	1
130°	0	0	0	1	1
132.5°	0	0	0	0	0
135°	0	0	0	0	0
137.5°	0	0	0	0	0
140°	0	0	0	0	0
142.5°	0	0	0	0	0
145°	0	0	0	0	0
147.5°	0	0	0	0	0
150°	0	0	0	0	0
152.5°	0	0	0	0	0
155°	0	0	0	0	0
157.5°	0	0	0	0	0
160°	0	0	0	0	0
162.5°	0	0	0	0	0
165°	0	0	0	0	0
167.5°	0	0	0	0	0
170°	0	0	0	0	0
172.5°	0	0	0	0	0
175°	0	0	0	0	0
177.5°	0	0	0	0	0
180°	0	0	0	0	0

(END OF REPORT)