

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-M-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-W_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-06

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L10-950U-L10-950D-xxx-DIM-UNV-M-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] CYLINDER WITH MEDIUM DIST.

[LAMPCAT] BL VERO

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1854
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	1939.89
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	1939.89
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.14 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.578 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	386.2	N.A.	20.8
FM - Front-Medium (30-60)	72.1	N.A.	3.9
FH - Front-High (60-80)	4.8	N.A.	0.3
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	386.2	N.A.	20.8
BM - Back-Medium (30-60)	72.1	N.A.	3.9
BH - Back-High (60-80)	4.8	N.A.	0.3
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.6	N.A.	0.0
UH - Uplight-High (100-180)	926.2	N.A.	50.0
Total	1853.6	N.A.	100.0
BUG Rating	B1-U4-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles								
	<u>0</u>	<u>45</u>	<u>90</u>	<u>135</u>	<u>180</u>	<u>225</u>	<u>270</u>	<u>315</u>	<u>360</u>
0	1939.890	1939.890	1939.890	1939.890	1939.890	1939.890	1939.890	1939.890	1939.890
5	1927.660	1915.276	1902.325	1915.276	1927.660	1915.276	1902.325	1915.276	1927.660
10	1681.048	1670.384	1655.515	1670.384	1681.048	1670.384	1655.515	1670.384	1681.048
15	1226.274	1234.232	1233.632	1234.232	1226.274	1234.232	1233.632	1234.232	1226.274
20	807.261	813.025	816.814	813.025	807.261	813.025	816.814	813.025	807.261
25	541.083	542.676	545.216	542.676	541.083	542.676	545.216	542.676	541.083
30	370.857	365.372	368.269	365.372	370.857	365.372	368.269	365.372	370.857
35	158.443	158.901	162.150	158.901	158.443	158.901	162.150	158.901	158.443
40	44.901	46.545	48.539	46.545	44.901	46.545	48.539	46.545	44.901
45	24.550	24.902	24.623	24.902	24.550	24.902	24.623	24.902	24.550
50	16.358	16.553	16.219	16.553	16.358	16.553	16.219	16.553	16.358
55	11.501	11.556	11.331	11.556	11.501	11.556	11.331	11.556	11.501
60	8.419	8.413	8.304	8.413	8.419	8.413	8.304	8.413	8.419
65	6.426	6.386	6.289	6.386	6.426	6.386	6.289	6.386	6.426
70	4.742	4.696	4.602	4.696	4.742	4.696	4.602	4.696	4.742
75	3.116	3.079	3.025	3.079	3.116	3.079	3.025	3.079	3.116
80	1.575	1.578	1.568	1.578	1.575	1.578	1.568	1.578	1.575
85	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
90	0.115	0.133	0.140	0.133	0.115	0.133	0.140	0.133	0.115
95	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
100	1.575	1.578	1.568	1.578	1.575	1.578	1.568	1.578	1.575
105	3.116	3.079	3.025	3.079	3.116	3.079	3.025	3.079	3.116
110	4.742	4.696	4.602	4.696	4.742	4.696	4.602	4.696	4.742
115	6.426	6.386	6.289	6.386	6.426	6.386	6.289	6.386	6.426
120	8.419	8.413	8.304	8.413	8.419	8.413	8.304	8.413	8.419
125	11.501	11.556	11.331	11.556	11.501	11.556	11.331	11.556	11.501
130	16.358	16.553	16.219	16.553	16.358	16.553	16.219	16.553	16.358
135	24.550	24.902	24.623	24.902	24.550	24.902	24.623	24.902	24.550
140	44.901	46.545	48.539	46.545	44.901	46.545	48.539	46.545	44.901
145	158.443	158.901	162.150	158.901	158.443	158.901	162.150	158.901	158.443
150	370.857	365.372	368.269	365.372	370.857	365.372	368.269	365.372	370.857
155	541.083	542.676	545.216	542.676	541.083	542.676	545.216	542.676	541.083
160	807.261	813.025	816.814	813.025	807.261	813.025	816.814	813.025	807.261
165	1226.274	1234.232	1233.632	1234.232	1226.274	1234.232	1233.632	1234.232	1226.274
170	1681.048	1670.384	1655.515	1670.384	1681.048	1670.384	1655.515	1670.384	1681.048
175	1927.660	1915.276	1902.325	1915.276	1927.660	1915.276	1902.325	1915.276	1927.660
180	1939.841	1939.841	1939.841	1939.841	1939.841	1939.841	1939.841	1939.841	1939.841

COEFFICIENTS OF UTILIZATION



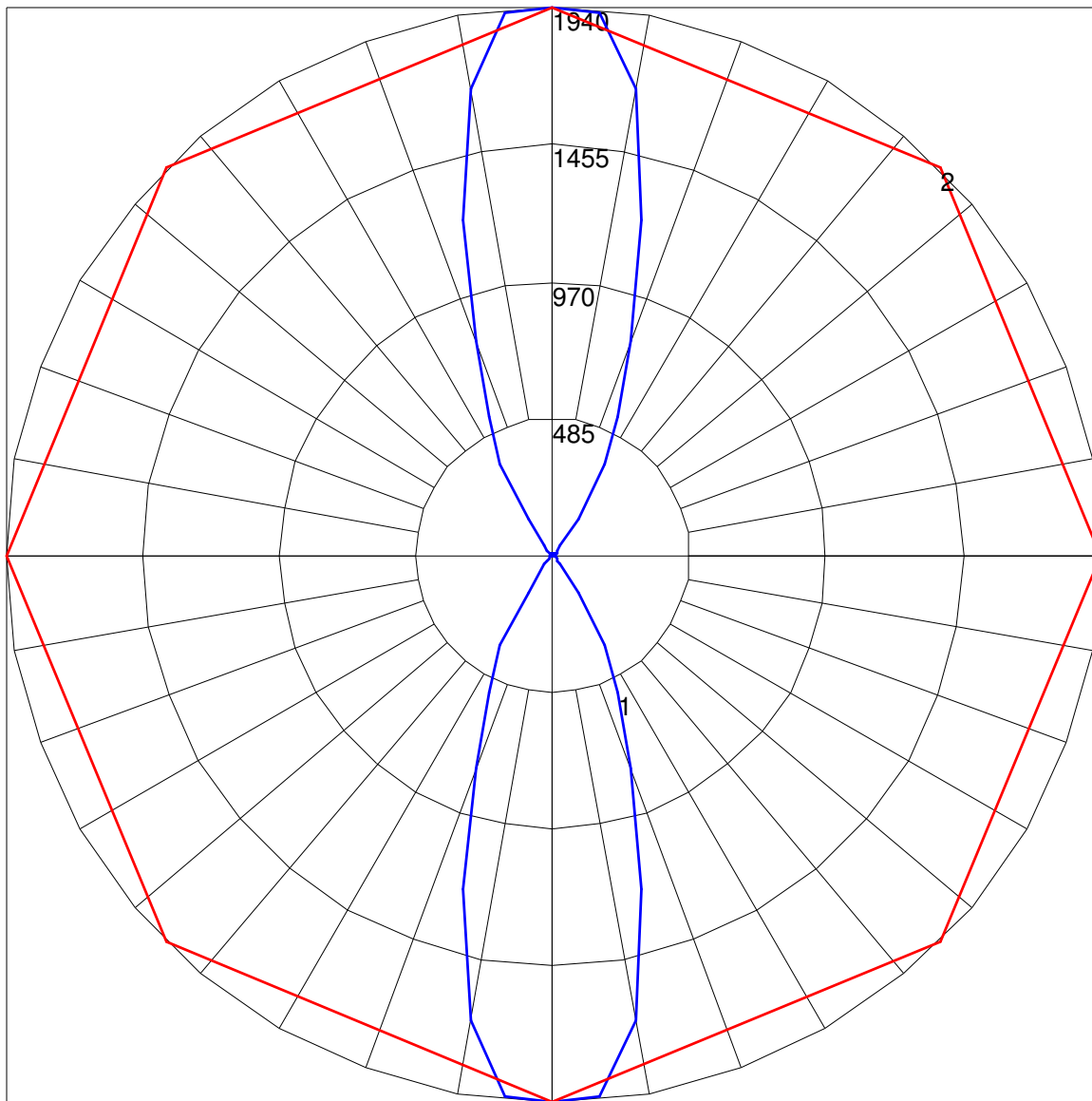
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	463.4	25.0
Downward House Side	463.4	25.0
Downward Total	926.8	50.0
Upward Street Side	463.4	25.0
Upward House Side	463.4	25.0
Upward Total	926.8	50.0
Total Flux	1853.6	100.0

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POLAR GRAPH

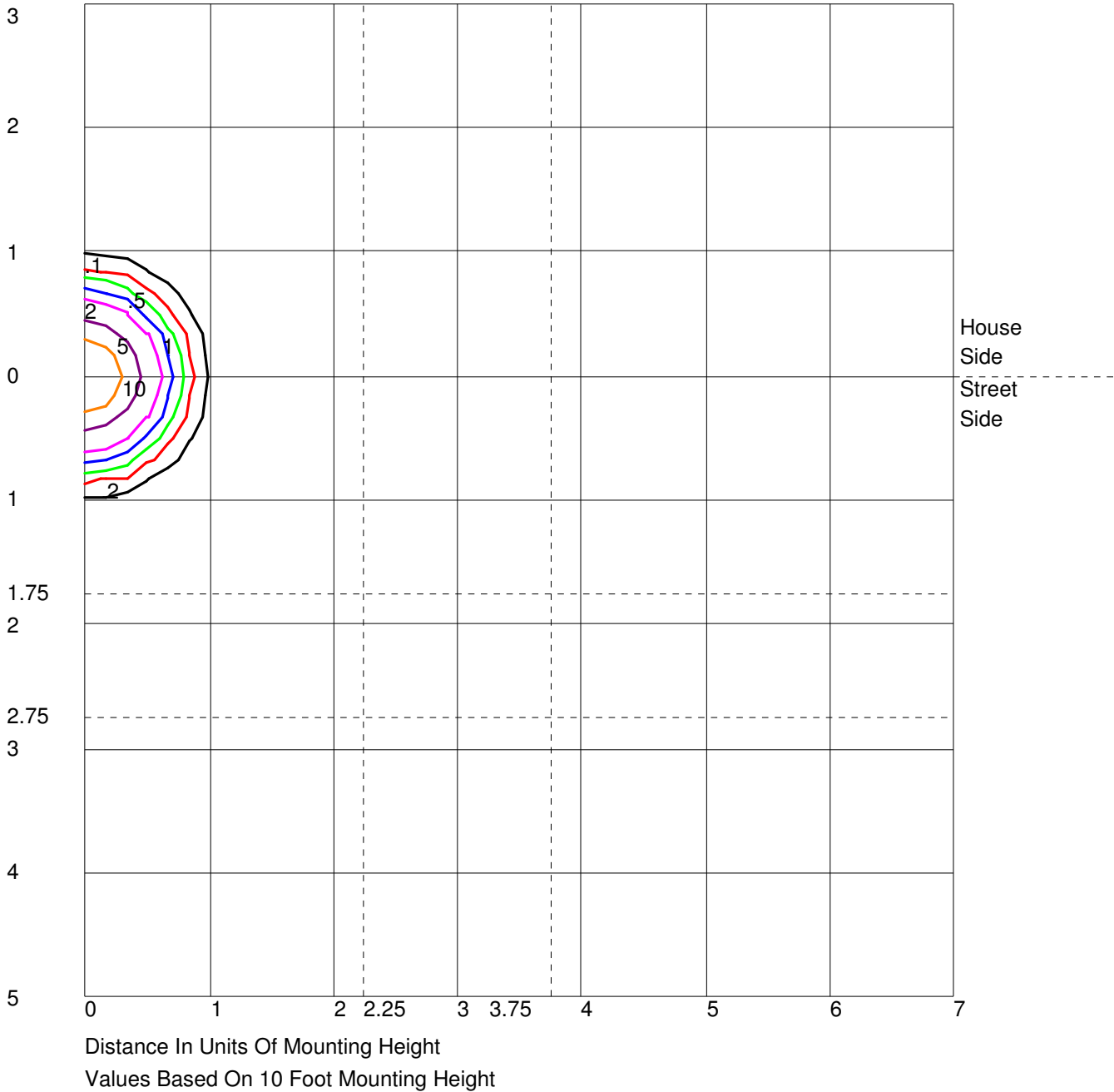


Maximum Candela = 1939.89 Located At Horizontal Angle = 360, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



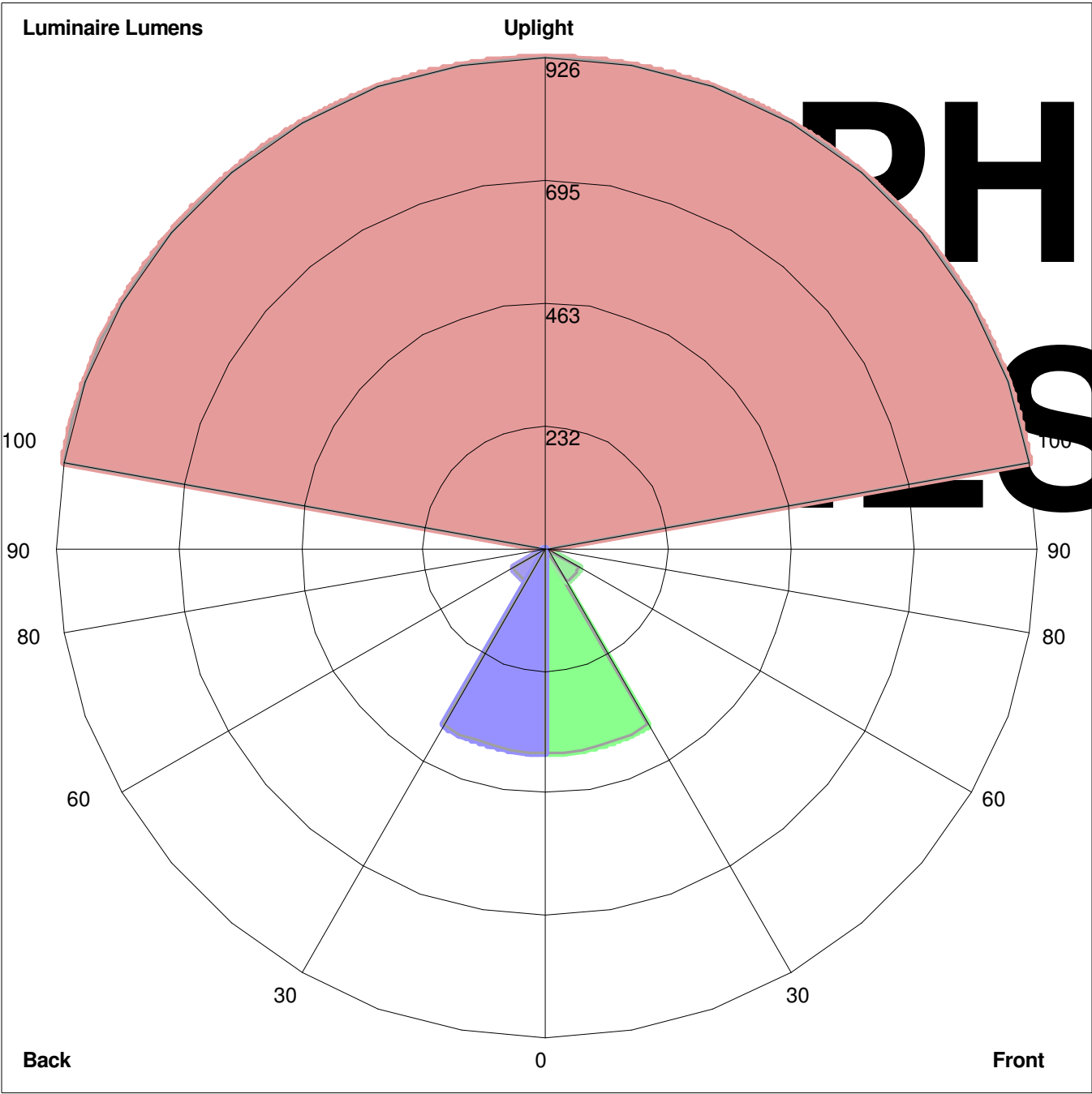


PHOTO
LUMENS