

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-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-L10-827U-L10-827D-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	1932
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2022.438
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2022.438
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.145 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.645 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-827U-L10-827D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	402.6	N.A.	20.8
FM - Front-Medium (30-60)	75.2	N.A.	3.9
FH - Front-High (60-80)	5.0	N.A.	0.3
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	402.6	N.A.	20.8
BM - Back-Medium (30-60)	75.2	N.A.	3.9
BH - Back-High (60-80)	5.0	N.A.	0.3
BVH - Back-Very High (80-90)	0.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	965.6	N.A.	50.0
Total	1932.5	N.A.	100.0
BUG Rating	B1-U4-G0		

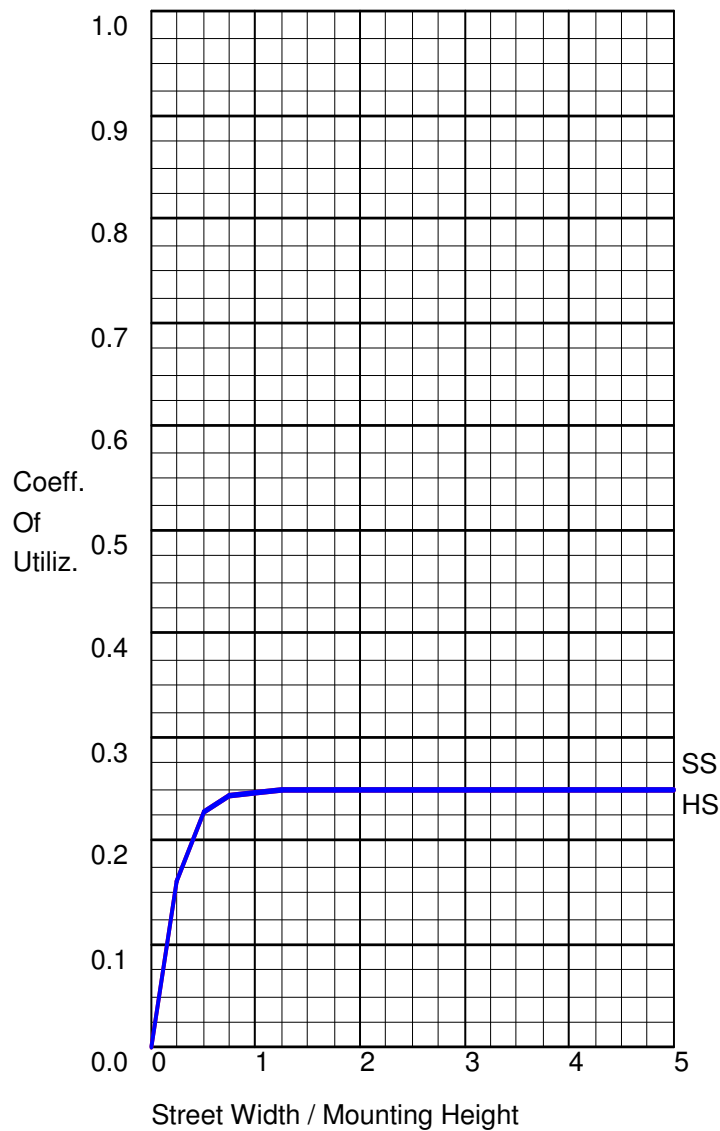
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CANDELA TABULATION

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	2022.438	2022.438	2022.438	2022.438	2022.438	2022.438	2022.438	2022.438	2022.438
5	2009.689	1996.777	1983.275	1996.777	2009.689	1996.777	1983.275	1996.777	2009.689
10	1752.582	1741.464	1725.963	1741.464	1752.582	1741.464	1725.963	1741.464	1752.582
15	1278.456	1286.753	1286.127	1286.753	1278.456	1286.753	1286.127	1286.753	1278.456
20	841.613	847.622	851.573	847.622	841.613	847.622	851.573	847.622	841.613
25	564.108	565.769	568.416	565.769	564.108	565.769	568.416	565.769	564.108
30	386.639	380.920	383.941	380.920	386.639	380.920	383.941	380.920	386.639
35	165.185	165.662	169.050	165.662	165.185	165.662	169.050	165.662	165.185
40	46.812	48.526	50.604	48.526	46.812	48.526	50.604	48.526	46.812
45	25.595	25.961	25.670	25.961	25.595	25.961	25.670	25.961	25.595
50	17.055	17.257	16.909	17.257	17.055	17.257	16.909	17.257	17.055
55	11.991	12.048	11.814	12.048	11.991	12.048	11.814	12.048	11.991
60	8.777	8.771	8.657	8.771	8.777	8.771	8.657	8.771	8.777
65	6.699	6.658	6.557	6.658	6.699	6.658	6.557	6.658	6.699
70	4.944	4.896	4.798	4.896	4.944	4.896	4.798	4.896	4.944
75	3.248	3.210	3.153	3.210	3.248	3.210	3.153	3.210	3.248
80	1.642	1.645	1.635	1.645	1.642	1.645	1.635	1.645	1.642
85	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319
90	0.120	0.139	0.145	0.139	0.120	0.139	0.145	0.139	0.120
95	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319	0.319
100	1.642	1.645	1.635	1.645	1.642	1.645	1.635	1.645	1.642
105	3.248	3.210	3.153	3.210	3.248	3.210	3.153	3.210	3.248
110	4.944	4.896	4.798	4.896	4.944	4.896	4.798	4.896	4.944
115	6.699	6.658	6.557	6.658	6.699	6.658	6.557	6.658	6.699
120	8.777	8.771	8.657	8.771	8.777	8.771	8.657	8.771	8.777
125	11.991	12.048	11.814	12.048	11.991	12.048	11.814	12.048	11.991
130	17.055	17.257	16.909	17.257	17.055	17.257	16.909	17.257	17.055
135	25.595	25.961	25.670	25.961	25.595	25.961	25.670	25.961	25.595
140	46.812	48.526	50.604	48.526	46.812	48.526	50.604	48.526	46.812
145	165.185	165.662	169.050	165.662	165.185	165.662	169.050	165.662	165.185
150	386.639	380.920	383.941	380.920	386.639	380.920	383.941	380.920	386.639
155	564.108	565.769	568.416	565.769	564.108	565.769	568.416	565.769	564.108
160	841.613	847.622	851.573	847.622	841.613	847.622	851.573	847.622	841.613
165	1278.456	1286.753	1286.127	1286.753	1278.456	1286.753	1286.127	1286.753	1278.456
170	1752.582	1741.464	1725.963	1741.464	1752.582	1741.464	1725.963	1741.464	1752.582
175	2009.689	1996.777	1983.275	1996.777	2009.689	1996.777	1983.275	1996.777	2009.689
180	2022.388	2022.388	2022.388	2022.388	2022.388	2022.388	2022.388	2022.388	2022.388

COEFFICIENTS OF UTILIZATION



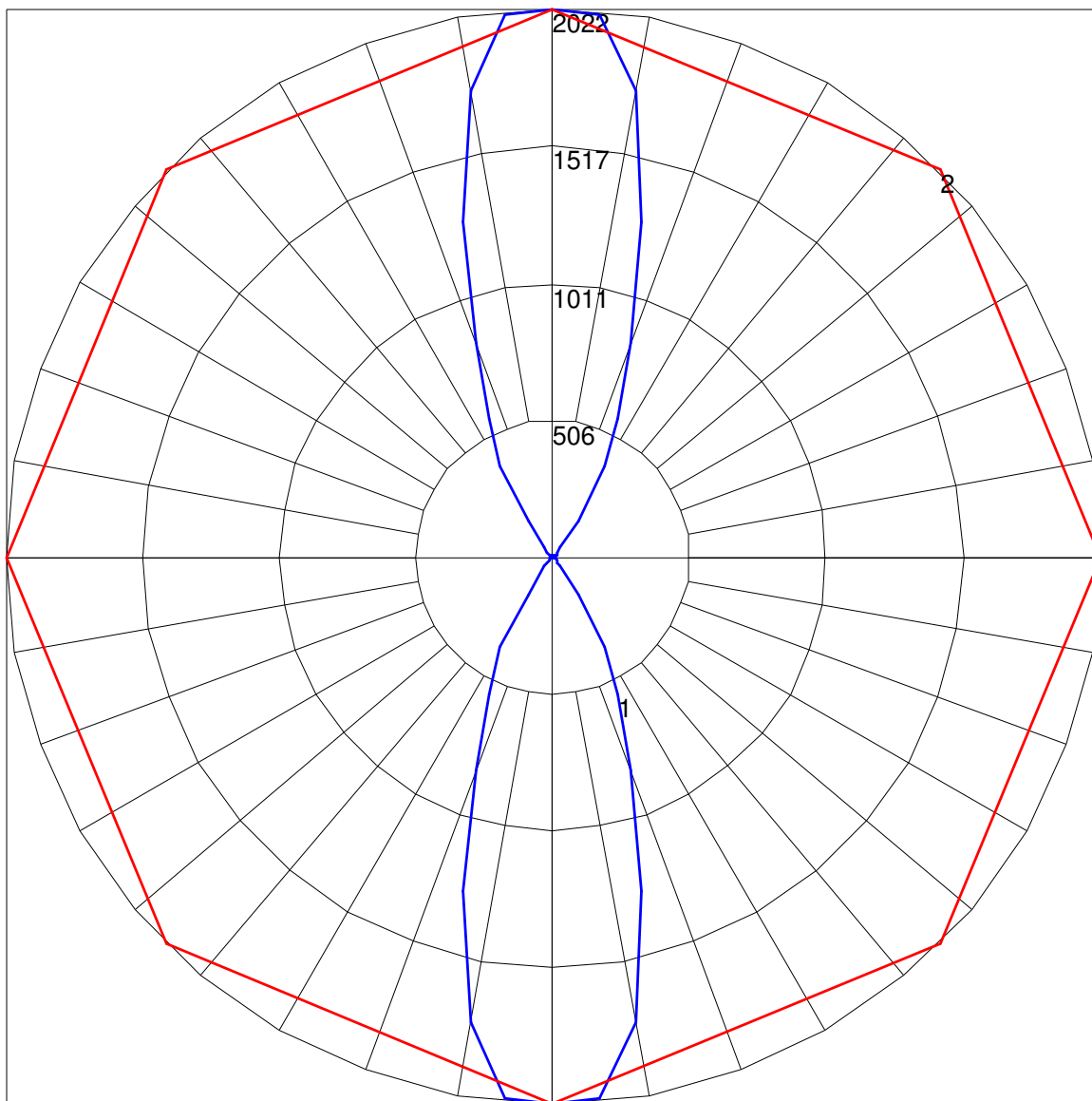
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	483.1	25.0
Downward House Side	483.1	25.0
Downward Total	966.2	50.0
Upward Street Side	483.1	25.0
Upward House Side	483.1	25.0
Upward Total	966.2	50.0
Total Flux	1932.4	100.0

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POLAR GRAPH



Maximum Candela = 2022.438 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

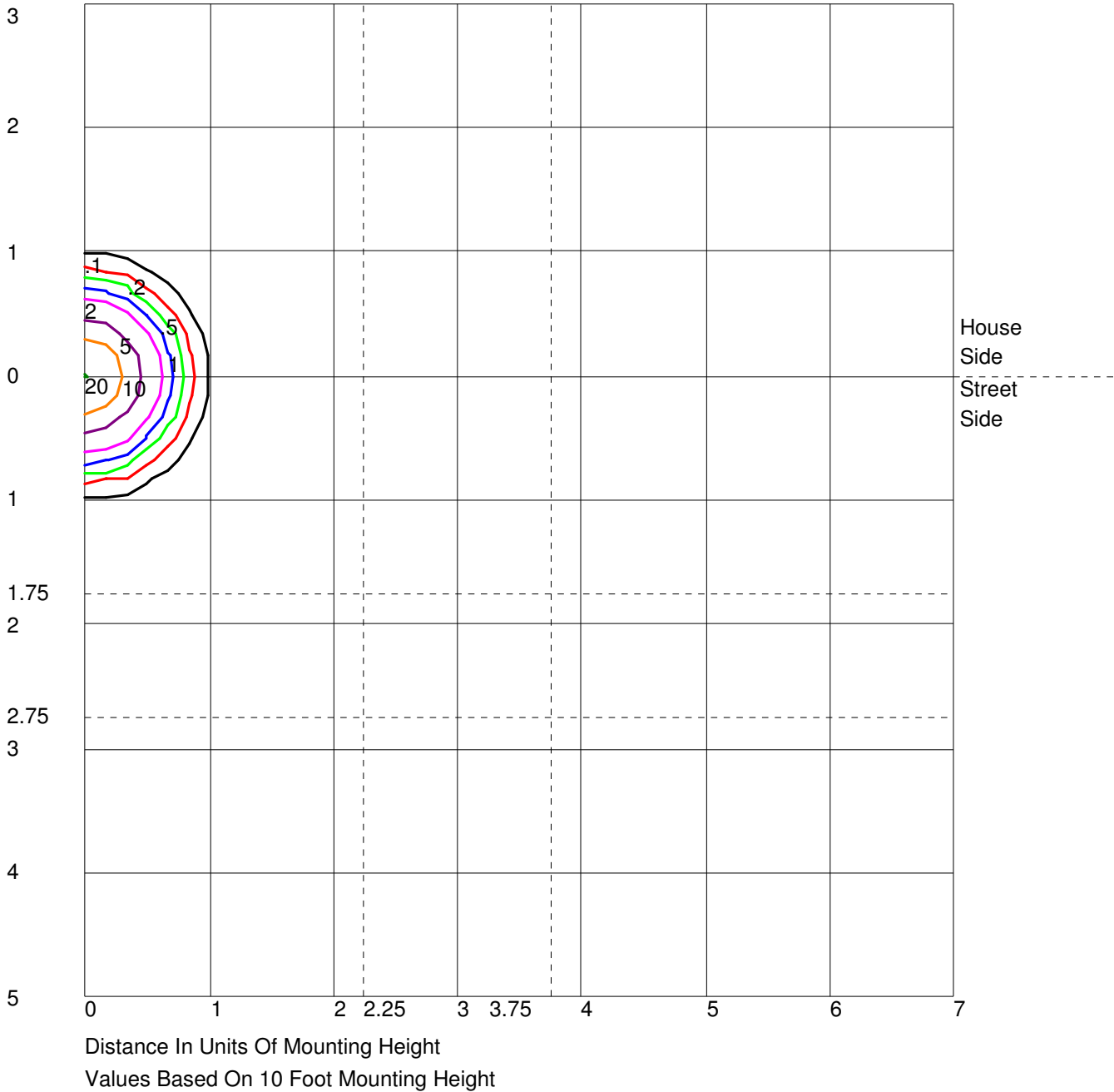


PHOTO LUMENS

