

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-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-L40-950U-L40-950D-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	6928
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7249.993
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7249.993
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.522 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.896 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1443.2	N.A.	20.8
FM - Front-Medium (30-60)	269.5	N.A.	3.9
FH - Front-High (60-80)	18.1	N.A.	0.3
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1443.2	N.A.	20.8
BM - Back-Medium (30-60)	269.5	N.A.	3.9
BH - Back-High (60-80)	18.1	N.A.	0.3
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.4	N.A.	0.0
UH - Uplight-High (100-180)	3461.4	N.A.	50.0
Total	6927.8	N.A.	100.0
BUG Rating	B3-U5-G0		

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-M-XX_.IES

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	7249.993	7249.993	7249.993	7249.993	7249.993	7249.993	7249.993	7249.993	7249.993
5	7204.288	7158.004	7109.600	7158.004	7204.288	7158.004	7109.600	7158.004	7204.288
10	6282.618	6242.764	6187.194	6242.764	6282.618	6242.764	6187.194	6242.764	6282.618
15	4582.983	4612.724	4610.479	4612.724	4582.983	4612.724	4610.479	4612.724	4582.983
20	3016.994	3038.537	3052.699	3038.537	3016.994	3038.537	3052.699	3038.537	3016.994
25	2022.203	2028.156	2037.646	2028.156	2022.203	2028.156	2037.646	2028.156	2022.203
30	1386.013	1365.513	1376.342	1365.513	1386.013	1365.513	1376.342	1365.513	1386.013
35	592.151	593.863	606.007	593.863	592.151	593.863	606.007	593.863	592.151
40	167.809	173.955	181.404	173.955	167.809	173.955	181.404	173.955	167.809
45	91.751	93.066	92.023	93.066	91.751	93.066	92.023	93.066	91.751
50	61.137	61.863	60.615	61.863	61.137	61.863	60.615	61.863	61.137
55	42.984	43.188	42.349	43.188	42.984	43.188	42.349	43.188	42.984
60	31.464	31.442	31.033	31.442	31.464	31.442	31.033	31.442	31.464
65	24.015	23.867	23.505	23.867	24.015	23.867	23.505	23.867	24.015
70	17.722	17.552	17.200	17.552	17.722	17.552	17.200	17.552	17.722
75	11.645	11.509	11.304	11.509	11.645	11.509	11.304	11.509	11.645
80	5.885	5.896	5.862	5.896	5.885	5.896	5.862	5.896	5.885
85	1.145	1.145	1.145	1.145	1.145	1.145	1.145	1.145	1.145
90	0.431	0.499	0.522	0.499	0.431	0.499	0.522	0.499	0.431
95	1.145	1.145	1.145	1.145	1.145	1.145	1.145	1.145	1.145
100	5.885	5.896	5.862	5.896	5.885	5.896	5.862	5.896	5.885
105	11.645	11.509	11.304	11.509	11.645	11.509	11.304	11.509	11.645
110	17.722	17.552	17.200	17.552	17.722	17.552	17.200	17.552	17.722
115	24.015	23.867	23.505	23.867	24.015	23.867	23.505	23.867	24.015
120	31.464	31.442	31.033	31.442	31.464	31.442	31.033	31.442	31.464
125	42.984	43.188	42.349	43.188	42.984	43.188	42.349	43.188	42.984
130	61.137	61.863	60.615	61.863	61.137	61.863	60.615	61.863	61.137
135	91.751	93.066	92.023	93.066	91.751	93.066	92.023	93.066	91.751
140	167.809	173.955	181.404	173.955	167.809	173.955	181.404	173.955	167.809
145	592.151	593.863	606.007	593.863	592.151	593.863	606.007	593.863	592.151
150	1386.013	1365.513	1376.342	1365.513	1386.013	1365.513	1376.342	1365.513	1386.013
155	2022.203	2028.156	2037.646	2028.156	2022.203	2028.156	2037.646	2028.156	2022.203
160	3016.994	3038.537	3052.699	3038.537	3016.994	3038.537	3052.699	3038.537	3016.994
165	4582.983	4612.724	4610.479	4612.724	4582.983	4612.724	4610.479	4612.724	4582.983
170	6282.618	6242.764	6187.194	6242.764	6282.618	6242.764	6187.194	6242.764	6282.618
175	7204.288	7158.004	7109.600	7158.004	7204.288	7158.004	7109.600	7158.004	7204.288
180	7249.812	7249.812	7249.812	7249.812	7249.812	7249.812	7249.812	7249.812	7249.812

COEFFICIENTS OF UTILIZATION



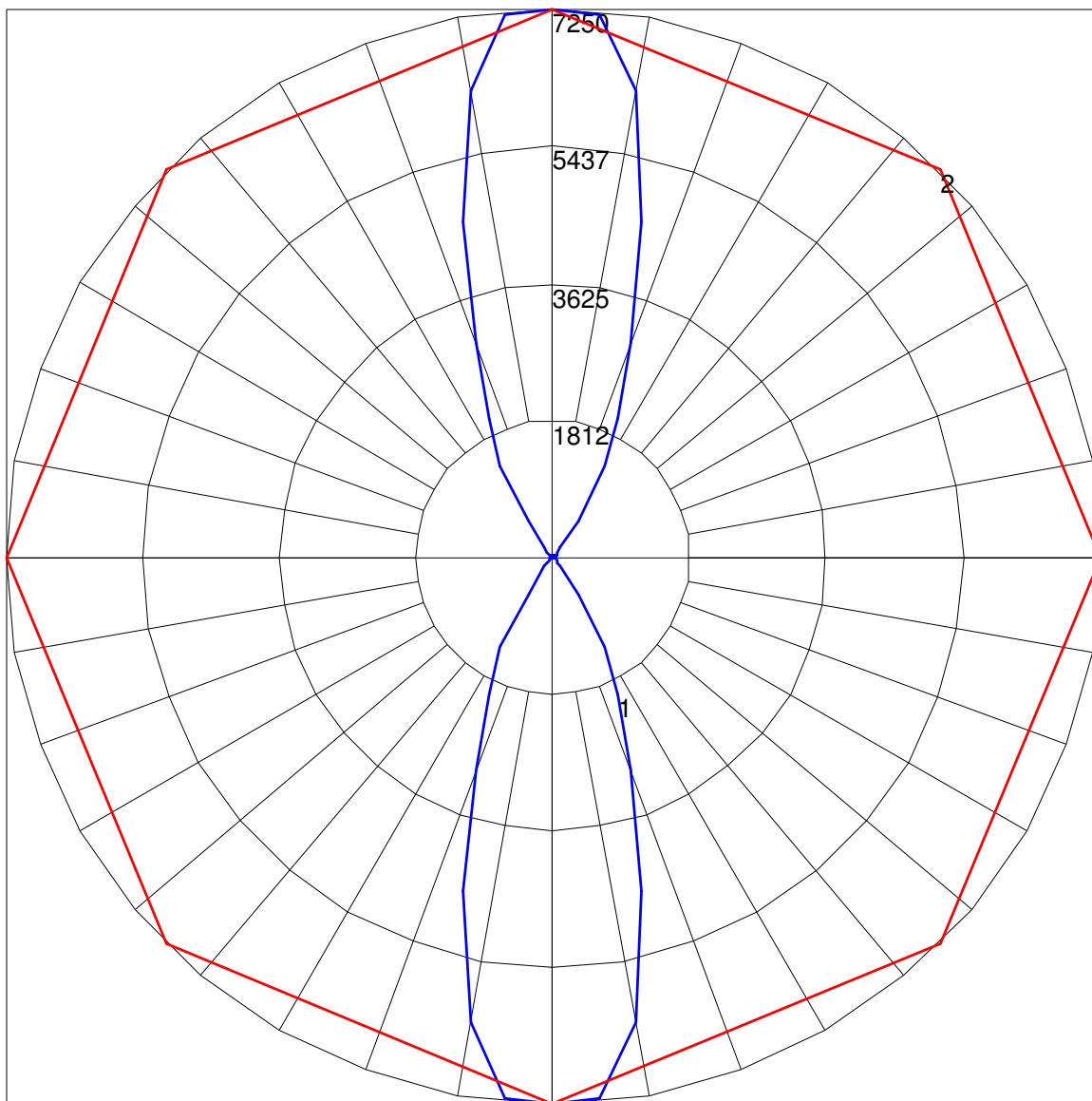
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1731.9	25.0
Downward House Side	1731.9	25.0
Downward Total	3463.8	50.0
Upward Street Side	1731.9	25.0
Upward House Side	1731.9	25.0
Upward Total	3463.8	50.0
Total Flux	6927.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-M-XX_.IES

POLAR GRAPH



Maximum Candela = 7249.993 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

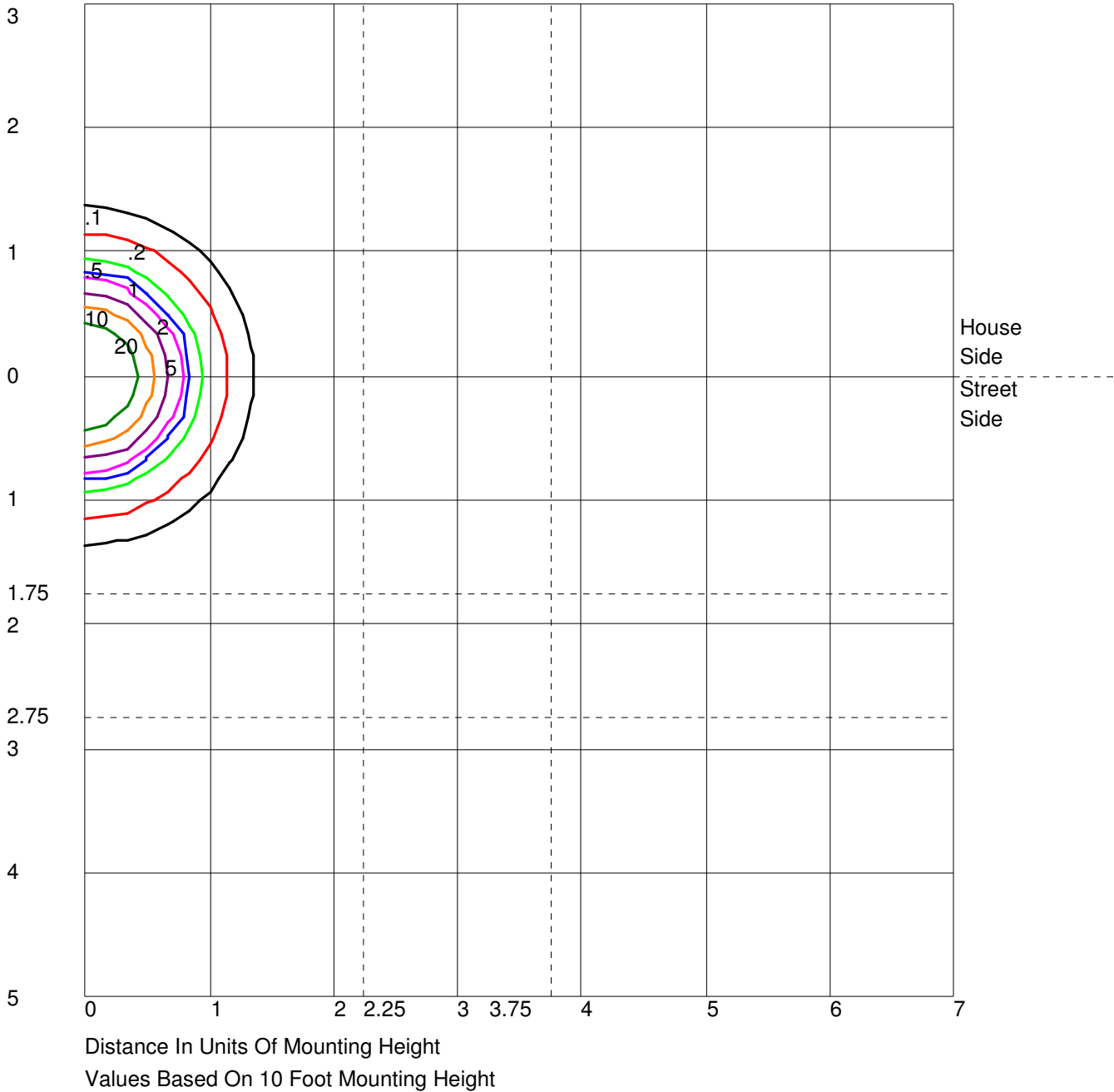


PHOTO LUMENS

