

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-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-L30-830U-L30-830D-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	5612
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5872.999
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5872.999
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.423 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.776 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-830U-L30-830D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1169.1	N.A.	20.8
FM - Front-Medium (30-60)	218.3	N.A.	3.9
FH - Front-High (60-80)	14.6	N.A.	0.3
FVH - Front-Very High (80-90)	1.0	N.A.	0.0
BL - Back-Low (0-30)	1169.1	N.A.	20.8
BM - Back-Medium (30-60)	218.3	N.A.	3.9
BH - Back-High (60-80)	14.6	N.A.	0.3
BVH - Back-Very High (80-90)	1.0	N.A.	0.0
UL - Uplight-Low (90-100)	1.9	N.A.	0.0
UH - Uplight-High (100-180)	2804.0	N.A.	50.0
Total	5611.9	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles								
	0	45	90	135	180	225	270	315	360
0	5872.999	5872.999	5872.999	5872.999	5872.999	5872.999	5872.999	5872.999	5872.999
5	5835.975	5798.482	5759.271	5798.482	5835.975	5798.482	5759.271	5798.482	5835.975
10	5089.358	5057.073	5012.058	5057.073	5089.358	5057.073	5012.058	5057.073	5089.358
15	3712.536	3736.628	3734.809	3736.628	3712.536	3736.628	3734.809	3736.628	3712.536
20	2443.976	2461.427	2472.899	2461.427	2443.976	2461.427	2472.899	2461.427	2443.976
25	1638.125	1642.947	1650.635	1642.947	1638.125	1642.947	1650.635	1642.947	1638.125
30	1122.767	1106.161	1114.933	1106.161	1122.767	1106.161	1114.933	1106.161	1122.767
35	479.684	481.071	490.908	481.071	479.684	481.071	490.908	481.071	479.684
40	135.937	140.915	146.950	140.915	135.937	140.915	146.950	140.915	135.937
45	74.325	75.390	74.545	75.390	74.325	75.390	74.545	75.390	74.325
50	49.525	50.113	49.103	50.113	49.525	50.113	49.103	50.113	49.525
55	34.820	34.985	34.306	34.985	34.820	34.985	34.306	34.985	34.820
60	25.488	25.470	25.139	25.470	25.488	25.470	25.139	25.470	25.488
65	19.454	19.334	19.040	19.334	19.454	19.334	19.040	19.334	19.454
70	14.356	14.218	13.934	14.218	14.356	14.218	13.934	14.218	14.356
75	9.433	9.323	9.157	9.323	9.433	9.323	9.157	9.323	9.433
80	4.767	4.776	4.749	4.776	4.767	4.776	4.749	4.776	4.767
85	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
90	0.349	0.404	0.423	0.404	0.349	0.404	0.423	0.404	0.349
95	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
100	4.767	4.776	4.749	4.776	4.767	4.776	4.749	4.776	4.767
105	9.433	9.323	9.157	9.323	9.433	9.323	9.157	9.323	9.433
110	14.356	14.218	13.934	14.218	14.356	14.218	13.934	14.218	14.356
115	19.454	19.334	19.040	19.334	19.454	19.334	19.040	19.334	19.454
120	25.488	25.470	25.139	25.470	25.488	25.470	25.139	25.470	25.488
125	34.820	34.985	34.306	34.985	34.820	34.985	34.306	34.985	34.820
130	49.525	50.113	49.103	50.113	49.525	50.113	49.103	50.113	49.525
135	74.325	75.390	74.545	75.390	74.325	75.390	74.545	75.390	74.325
140	135.937	140.915	146.950	140.915	135.937	140.915	146.950	140.915	135.937
145	479.684	481.071	490.908	481.071	479.684	481.071	490.908	481.071	479.684
150	1122.767	1106.161	1114.933	1106.161	1122.767	1106.161	1114.933	1106.161	1122.767
155	1638.125	1642.947	1650.635	1642.947	1638.125	1642.947	1650.635	1642.947	1638.125
160	2443.976	2461.427	2472.899	2461.427	2443.976	2461.427	2472.899	2461.427	2443.976
165	3712.536	3736.628	3734.809	3736.628	3712.536	3736.628	3734.809	3736.628	3712.536
170	5089.358	5057.073	5012.058	5057.073	5089.358	5057.073	5012.058	5057.073	5089.358
175	5835.975	5798.482	5759.271	5798.482	5835.975	5798.482	5759.271	5798.482	5835.975
180	5872.852	5872.852	5872.852	5872.852	5872.852	5872.852	5872.852	5872.852	5872.852

COEFFICIENTS OF UTILIZATION



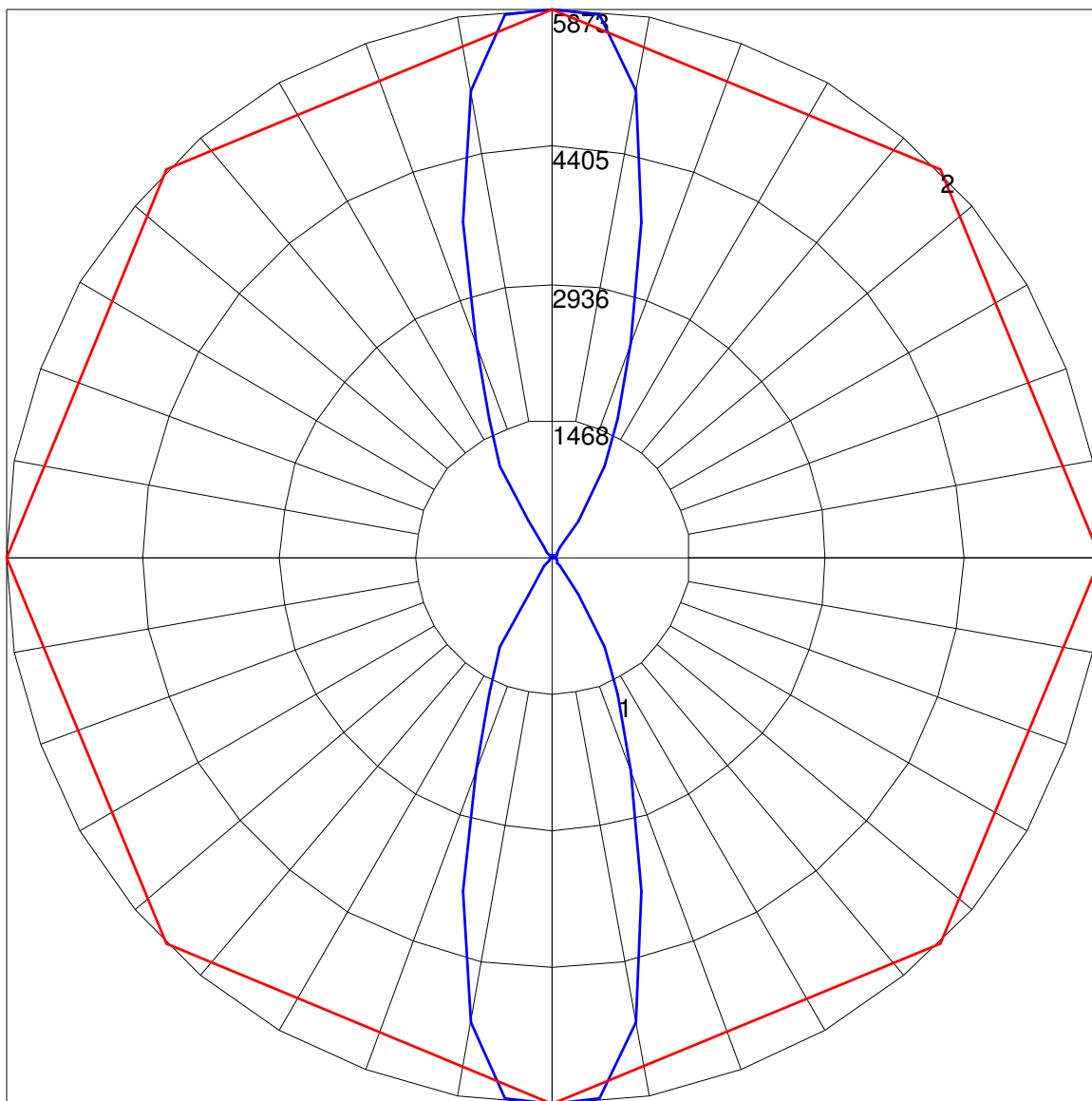
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1403.0	25.0
Downward House Side	1403.0	25.0
Downward Total	2806.0	50.0
Upward Street Side	1403.0	25.0
Upward House Side	1403.0	25.0
Upward Total	2806.0	50.0
Total Flux	5612.0	100.0

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POLAR GRAPH



Maximum Candela = 5872.999 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

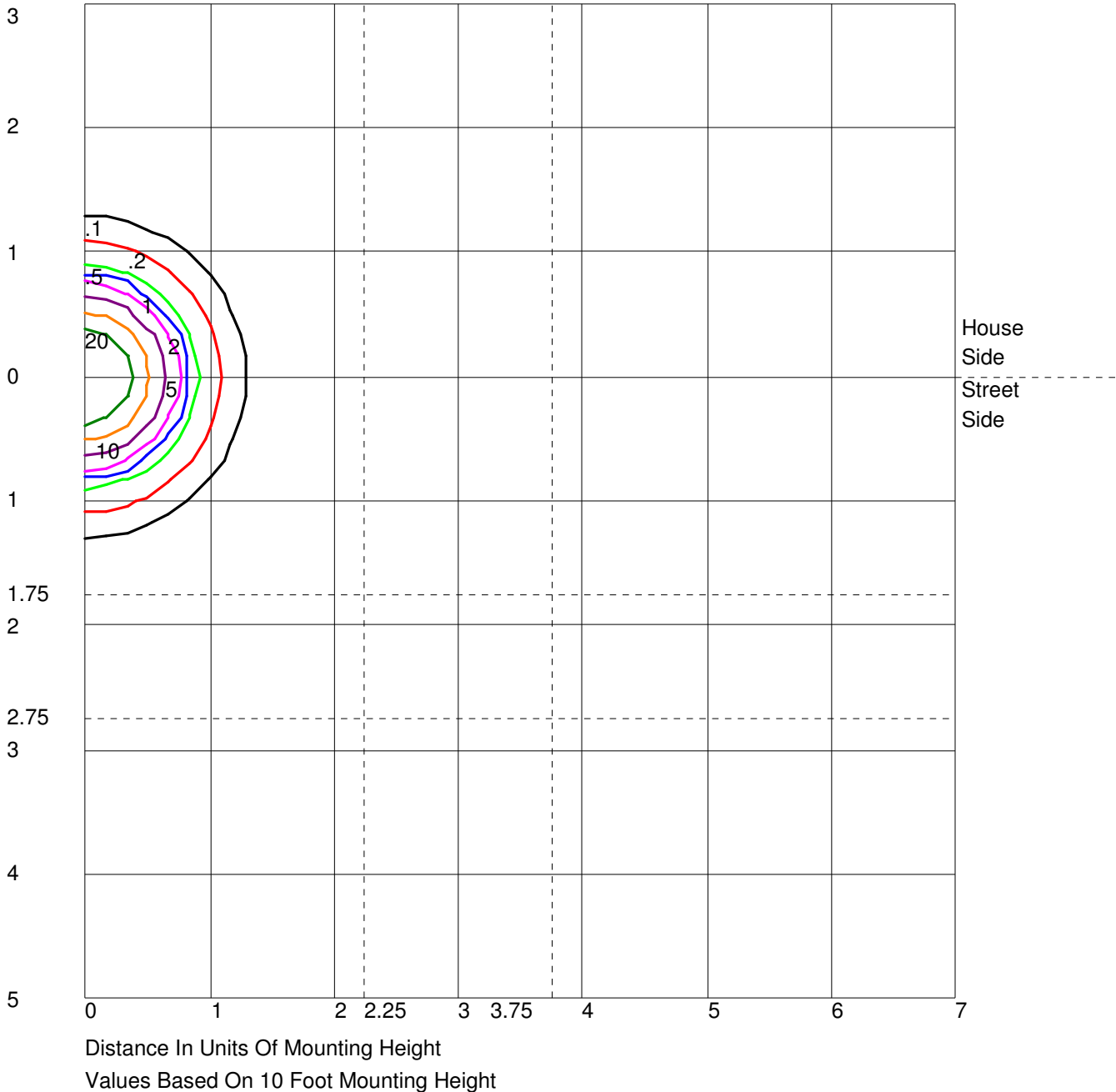


PHOTO LUMENS

