

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-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-L30-927U-L30-927D-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	5219
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5461.889
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5461.889
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.393 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.442 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-927U-L30-927D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1087.2	N.A.	20.8
FM - Front-Medium (30-60)	203.0	N.A.	3.9
FH - Front-High (60-80)	13.6	N.A.	0.3
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1087.2	N.A.	20.8
BM - Back-Medium (30-60)	203.0	N.A.	3.9
BH - Back-High (60-80)	13.6	N.A.	0.3
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.8	N.A.	0.0
UH - Uplight-High (100-180)	2607.7	N.A.	50.0
Total	5218.9	N.A.	100.0
BUG Rating	B3-U5-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	5461.889	5461.889	5461.889	5461.889	5461.889	5461.889	5461.889	5461.889	5461.889
5	5427.456	5392.588	5356.122	5392.588	5427.456	5392.588	5356.122	5392.588	5427.456
10	4733.103	4703.078	4661.213	4703.078	4733.103	4703.078	4661.213	4703.078	4733.103
15	3452.658	3475.063	3473.372	3475.063	3452.658	3475.063	3473.372	3475.063	3452.658
20	2272.897	2289.127	2299.796	2289.127	2272.897	2289.127	2299.796	2289.127	2272.897
25	1523.456	1527.941	1535.091	1527.941	1523.456	1527.941	1535.091	1527.941	1523.456
30	1044.174	1028.730	1036.887	1028.730	1044.174	1028.730	1036.887	1028.730	1044.174
35	446.106	447.396	456.544	447.396	446.106	447.396	456.544	447.396	446.106
40	126.422	131.051	136.663	131.051	126.422	131.051	136.663	131.051	126.422
45	69.122	70.113	69.327	70.113	69.122	70.113	69.327	70.113	69.122
50	46.058	46.605	45.666	46.605	46.058	46.605	45.666	46.605	46.058
55	32.383	32.536	31.904	32.536	32.383	32.536	31.904	32.536	32.383
60	23.704	23.687	23.379	23.687	23.704	23.687	23.379	23.687	23.704
65	18.092	17.981	17.708	17.981	18.092	17.981	17.708	17.981	18.092
70	13.351	13.223	12.958	13.223	13.351	13.223	12.958	13.223	13.351
75	8.773	8.670	8.516	8.670	8.773	8.670	8.516	8.670	8.773
80	4.433	4.442	4.416	4.442	4.433	4.442	4.416	4.442	4.433
85	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863
90	0.325	0.376	0.393	0.376	0.325	0.376	0.393	0.376	0.325
95	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863
100	4.433	4.442	4.416	4.442	4.433	4.442	4.416	4.442	4.433
105	8.773	8.670	8.516	8.670	8.773	8.670	8.516	8.670	8.773
110	13.351	13.223	12.958	13.223	13.351	13.223	12.958	13.223	13.351
115	18.092	17.981	17.708	17.981	18.092	17.981	17.708	17.981	18.092
120	23.704	23.687	23.379	23.687	23.704	23.687	23.379	23.687	23.704
125	32.383	32.536	31.904	32.536	32.383	32.536	31.904	32.536	32.383
130	46.058	46.605	45.666	46.605	46.058	46.605	45.666	46.605	46.058
135	69.122	70.113	69.327	70.113	69.122	70.113	69.327	70.113	69.122
140	126.422	131.051	136.663	131.051	126.422	131.051	136.663	131.051	126.422
145	446.106	447.396	456.544	447.396	446.106	447.396	456.544	447.396	446.106
150	1044.174	1028.730	1036.887	1028.730	1044.174	1028.730	1036.887	1028.730	1044.174
155	1523.456	1527.941	1535.091	1527.941	1523.456	1527.941	1535.091	1527.941	1523.456
160	2272.897	2289.127	2299.796	2289.127	2272.897	2289.127	2299.796	2289.127	2272.897
165	3452.658	3475.063	3473.372	3475.063	3452.658	3475.063	3473.372	3475.063	3452.658
170	4733.103	4703.078	4661.213	4703.078	4733.103	4703.078	4661.213	4703.078	4733.103
175	5427.456	5392.588	5356.122	5392.588	5427.456	5392.588	5356.122	5392.588	5427.456
180	5461.752	5461.752	5461.752	5461.752	5461.752	5461.752	5461.752	5461.752	5461.752

COEFFICIENTS OF UTILIZATION



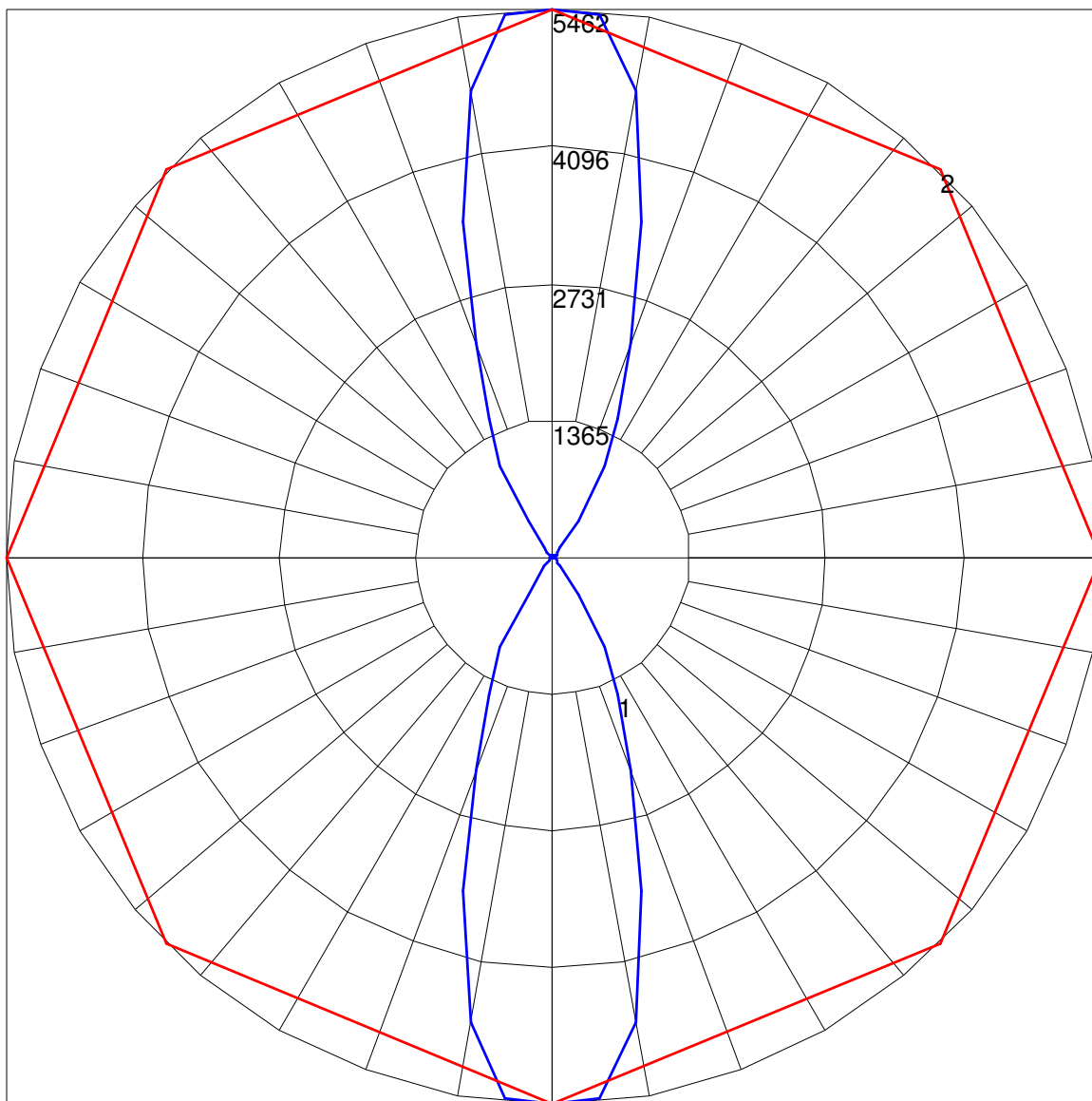
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1304.7	25.0
Downward House Side	1304.7	25.0
Downward Total	2609.4	50.0
Upward Street Side	1304.7	25.0
Upward House Side	1304.7	25.0
Upward Total	2609.4	50.0
Total Flux	5218.8	100.0

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POLAR GRAPH



Maximum Candela = 5461.889 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

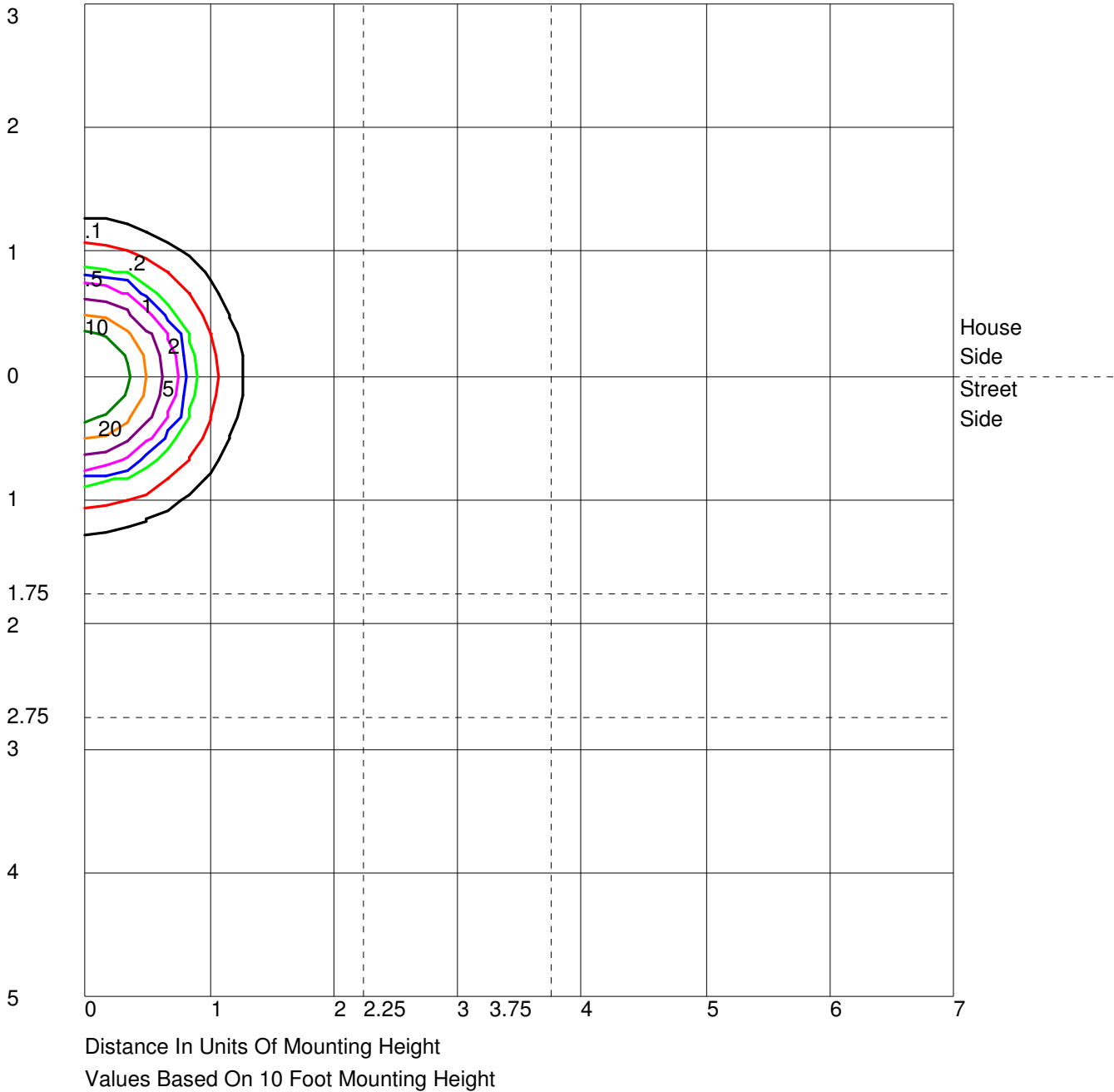


PHOTO LUMENS

