

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-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-L10-930U-L10-930D-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	1873
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	1960.527
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	1960.527
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.141 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.594 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-930U-L10-930D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	390.3	N.A.	20.8
FM - Front-Medium (30-60)	72.9	N.A.	3.9
FH - Front-High (60-80)	4.9	N.A.	0.3
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	390.3	N.A.	20.8
BM - Back-Medium (30-60)	72.9	N.A.	3.9
BH - Back-High (60-80)	4.9	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)	936.0	N.A.	50.0
Total	1873.4	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	1960.527	1960.527	1960.527	1960.527	1960.527	1960.527	1960.527	1960.527	1960.527
5	1948.167	1935.651	1922.562	1935.651	1948.167	1935.651	1922.562	1935.651	1948.167
10	1698.932	1688.154	1673.127	1688.154	1698.932	1688.154	1673.127	1688.154	1698.932
15	1239.320	1247.362	1246.755	1247.362	1239.320	1247.362	1246.755	1247.362	1239.320
20	815.849	821.674	825.504	821.674	815.849	821.674	825.504	821.674	815.849
25	546.840	548.449	551.016	548.449	546.840	548.449	551.016	548.449	546.840
30	374.803	369.259	372.187	369.259	374.803	369.259	372.187	369.259	374.803
35	160.128	160.591	163.875	160.591	160.128	160.591	163.875	160.591	160.128
40	45.379	47.040	49.055	47.040	45.379	47.040	49.055	47.040	45.379
45	24.811	25.167	24.885	25.167	24.811	25.167	24.885	25.167	24.811
50	16.533	16.729	16.391	16.729	16.533	16.729	16.391	16.729	16.533
55	11.624	11.679	11.452	11.679	11.624	11.679	11.452	11.679	11.624
60	8.508	8.502	8.392	8.502	8.508	8.502	8.392	8.502	8.508
65	6.494	6.454	6.356	6.454	6.494	6.454	6.356	6.454	6.494
70	4.792	4.746	4.651	4.746	4.792	4.746	4.651	4.746	4.792
75	3.149	3.112	3.057	3.112	3.149	3.112	3.057	3.112	3.149
80	1.591	1.594	1.585	1.594	1.591	1.594	1.585	1.594	1.591
85	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310
90	0.117	0.135	0.141	0.135	0.117	0.135	0.141	0.135	0.117
95	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310
100	1.591	1.594	1.585	1.594	1.591	1.594	1.585	1.594	1.591
105	3.149	3.112	3.057	3.112	3.149	3.112	3.057	3.112	3.149
110	4.792	4.746	4.651	4.746	4.792	4.746	4.651	4.746	4.792
115	6.494	6.454	6.356	6.454	6.494	6.454	6.356	6.454	6.494
120	8.508	8.502	8.392	8.502	8.508	8.502	8.392	8.502	8.508
125	11.624	11.679	11.452	11.679	11.624	11.679	11.452	11.679	11.624
130	16.533	16.729	16.391	16.729	16.533	16.729	16.391	16.729	16.533
135	24.811	25.167	24.885	25.167	24.811	25.167	24.885	25.167	24.811
140	45.379	47.040	49.055	47.040	45.379	47.040	49.055	47.040	45.379
145	160.128	160.591	163.875	160.591	160.128	160.591	163.875	160.591	160.128
150	374.803	369.259	372.187	369.259	374.803	369.259	372.187	369.259	374.803
155	546.840	548.449	551.016	548.449	546.840	548.449	551.016	548.449	546.840
160	815.849	821.674	825.504	821.674	815.849	821.674	825.504	821.674	815.849
165	1239.320	1247.362	1246.755	1247.362	1239.320	1247.362	1246.755	1247.362	1239.320
170	1698.932	1688.154	1673.127	1688.154	1698.932	1688.154	1673.127	1688.154	1698.932
175	1948.167	1935.651	1922.562	1935.651	1948.167	1935.651	1922.562	1935.651	1948.167
180	1960.478	1960.478	1960.478	1960.478	1960.478	1960.478	1960.478	1960.478	1960.478

COEFFICIENTS OF UTILIZATION



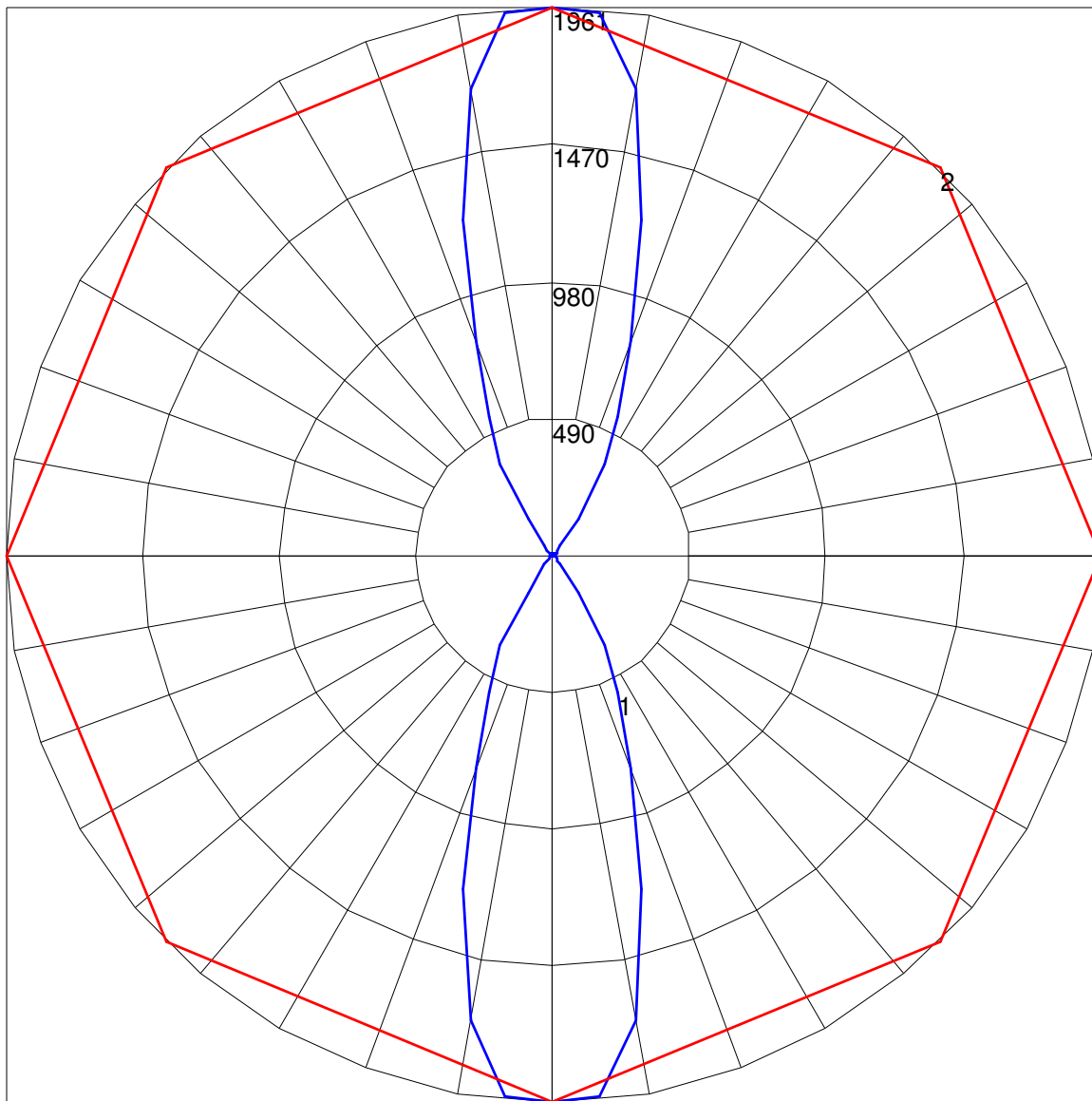
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	468.3	25.0
Downward House Side	468.3	25.0
Downward Total	936.6	50.0
Upward Street Side	468.3	25.0
Upward House Side	468.3	25.0
Upward Total	936.6	50.0
Total Flux	1873.2	100.0

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POLAR GRAPH

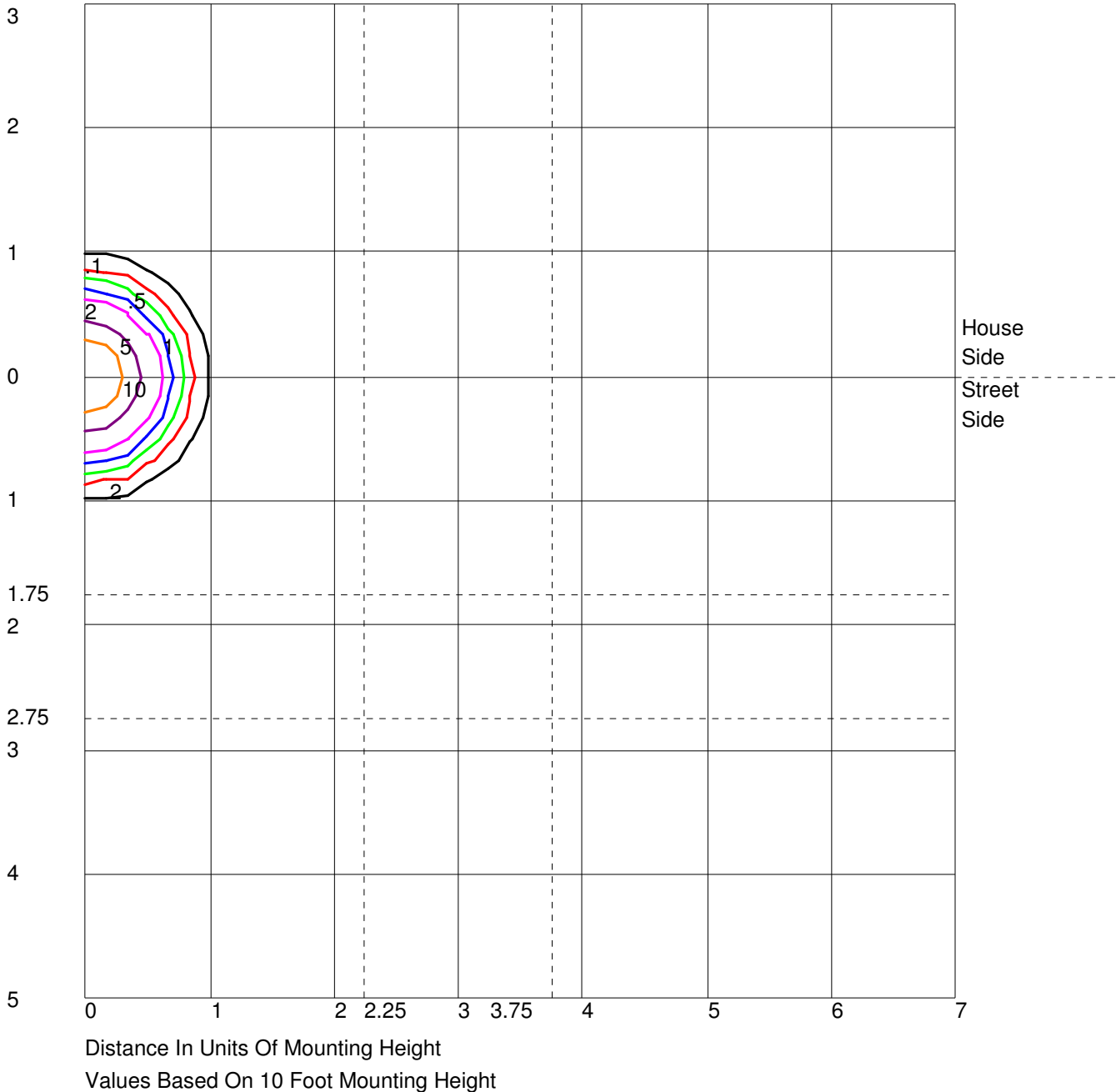


Maximum Candela = 1960.527 Located At Horizontal Angle = 360, Vertical Angle = 0

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



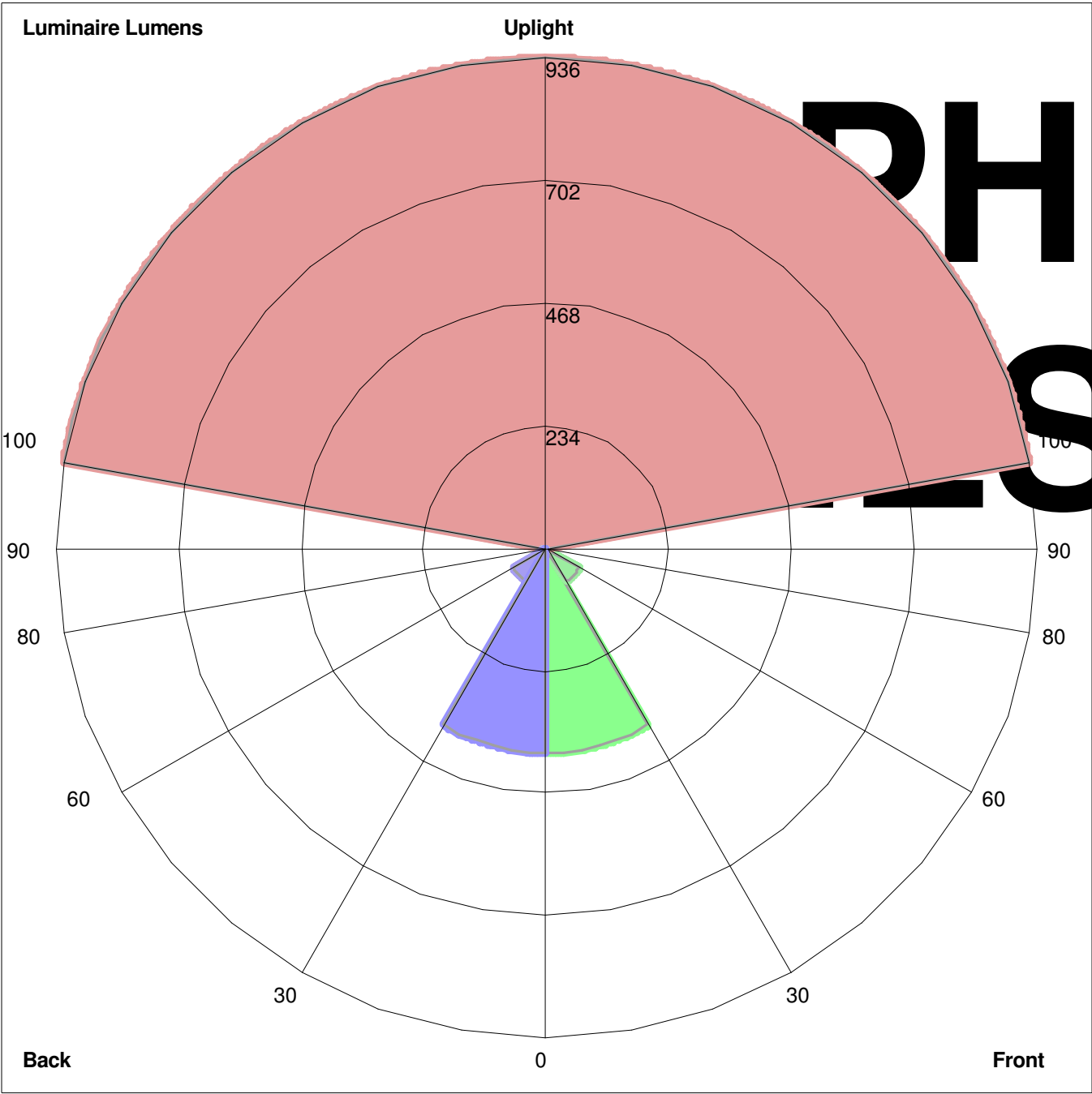


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