

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-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-L10-935U-L10-935D-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	1893
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	1981.164
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	1981.164
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.143 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.611 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-935U-L10-935D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	394.4	N.A.	20.8
FM - Front-Medium (30-60)	73.6	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)	394.4	N.A.	20.8
BM - Back-Medium (30-60)	73.6	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)	945.9	N.A.	50.0
Total	1892.9	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	1981.164	1981.164	1981.164	1981.164	1981.164	1981.164	1981.164	1981.164	1981.164
5	1968.674	1956.027	1942.800	1956.027	1968.674	1956.027	1942.800	1956.027	1968.674
10	1716.815	1705.924	1690.739	1705.924	1716.815	1705.924	1690.739	1705.924	1716.815
15	1252.365	1260.493	1259.879	1260.493	1252.365	1260.493	1259.879	1260.493	1252.365
20	824.437	830.324	834.194	830.324	824.437	830.324	834.194	830.324	824.437
25	552.596	554.222	556.816	554.222	552.596	554.222	556.816	554.222	552.596
30	378.748	373.146	376.105	373.146	378.748	373.146	376.105	373.146	378.748
35	161.814	162.282	165.600	162.282	161.814	162.282	165.600	162.282	161.814
40	45.856	47.536	49.571	47.536	45.856	47.536	49.571	47.536	45.856
45	25.072	25.432	25.147	25.432	25.072	25.432	25.147	25.432	25.072
50	16.707	16.905	16.564	16.905	16.707	16.905	16.564	16.905	16.707
55	11.746	11.802	11.573	11.802	11.746	11.802	11.573	11.802	11.746
60	8.598	8.592	8.480	8.592	8.598	8.592	8.480	8.592	8.598
65	6.562	6.522	6.423	6.522	6.562	6.522	6.423	6.522	6.562
70	4.843	4.796	4.700	4.796	4.843	4.796	4.700	4.796	4.843
75	3.182	3.145	3.089	3.145	3.182	3.145	3.089	3.145	3.182
80	1.608	1.611	1.602	1.611	1.608	1.611	1.602	1.611	1.608
85	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
90	0.118	0.136	0.143	0.136	0.118	0.136	0.143	0.136	0.118
95	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
100	1.608	1.611	1.602	1.611	1.608	1.611	1.602	1.611	1.608
105	3.182	3.145	3.089	3.145	3.182	3.145	3.089	3.145	3.182
110	4.843	4.796	4.700	4.796	4.843	4.796	4.700	4.796	4.843
115	6.562	6.522	6.423	6.522	6.562	6.522	6.423	6.522	6.562
120	8.598	8.592	8.480	8.592	8.598	8.592	8.480	8.592	8.598
125	11.746	11.802	11.573	11.802	11.746	11.802	11.573	11.802	11.746
130	16.707	16.905	16.564	16.905	16.707	16.905	16.564	16.905	16.707
135	25.072	25.432	25.147	25.432	25.072	25.432	25.147	25.432	25.072
140	45.856	47.536	49.571	47.536	45.856	47.536	49.571	47.536	45.856
145	161.814	162.282	165.600	162.282	161.814	162.282	165.600	162.282	161.814
150	378.748	373.146	376.105	373.146	378.748	373.146	376.105	373.146	378.748
155	552.596	554.222	556.816	554.222	552.596	554.222	556.816	554.222	552.596
160	824.437	830.324	834.194	830.324	824.437	830.324	834.194	830.324	824.437
165	1252.365	1260.493	1259.879	1260.493	1252.365	1260.493	1259.879	1260.493	1252.365
170	1716.815	1705.924	1690.739	1705.924	1716.815	1705.924	1690.739	1705.924	1716.815
175	1968.674	1956.027	1942.800	1956.027	1968.674	1956.027	1942.800	1956.027	1968.674
180	1981.114	1981.114	1981.114	1981.114	1981.114	1981.114	1981.114	1981.114	1981.114

COEFFICIENTS OF UTILIZATION



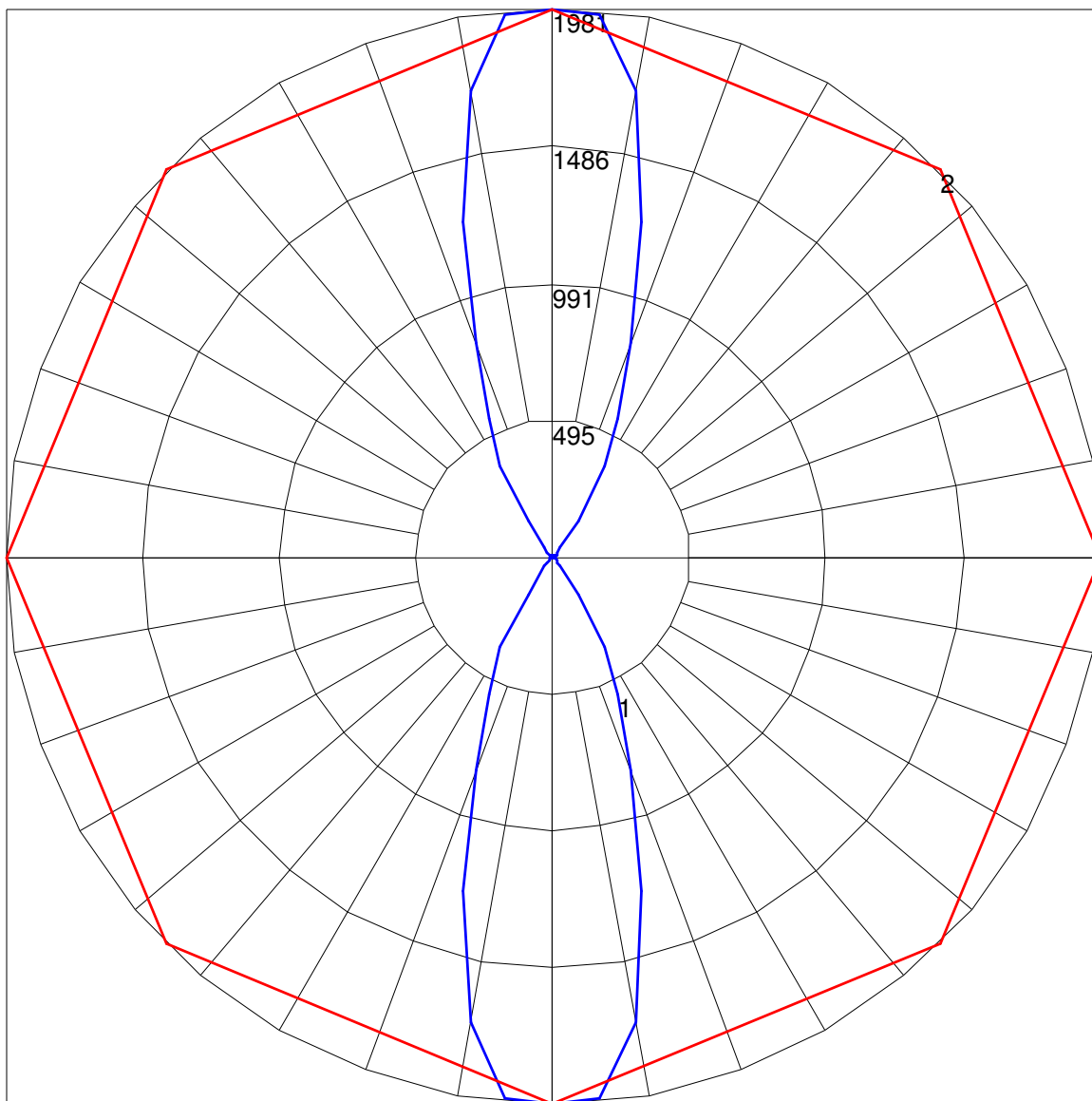
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	473.3	25.0
Downward House Side	473.3	25.0
Downward Total	946.6	50.0
Upward Street Side	473.3	25.0
Upward House Side	473.3	25.0
Upward Total	946.6	50.0
Total Flux	1893.2	100.0

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POLAR GRAPH



Maximum Candela = 1981.164 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

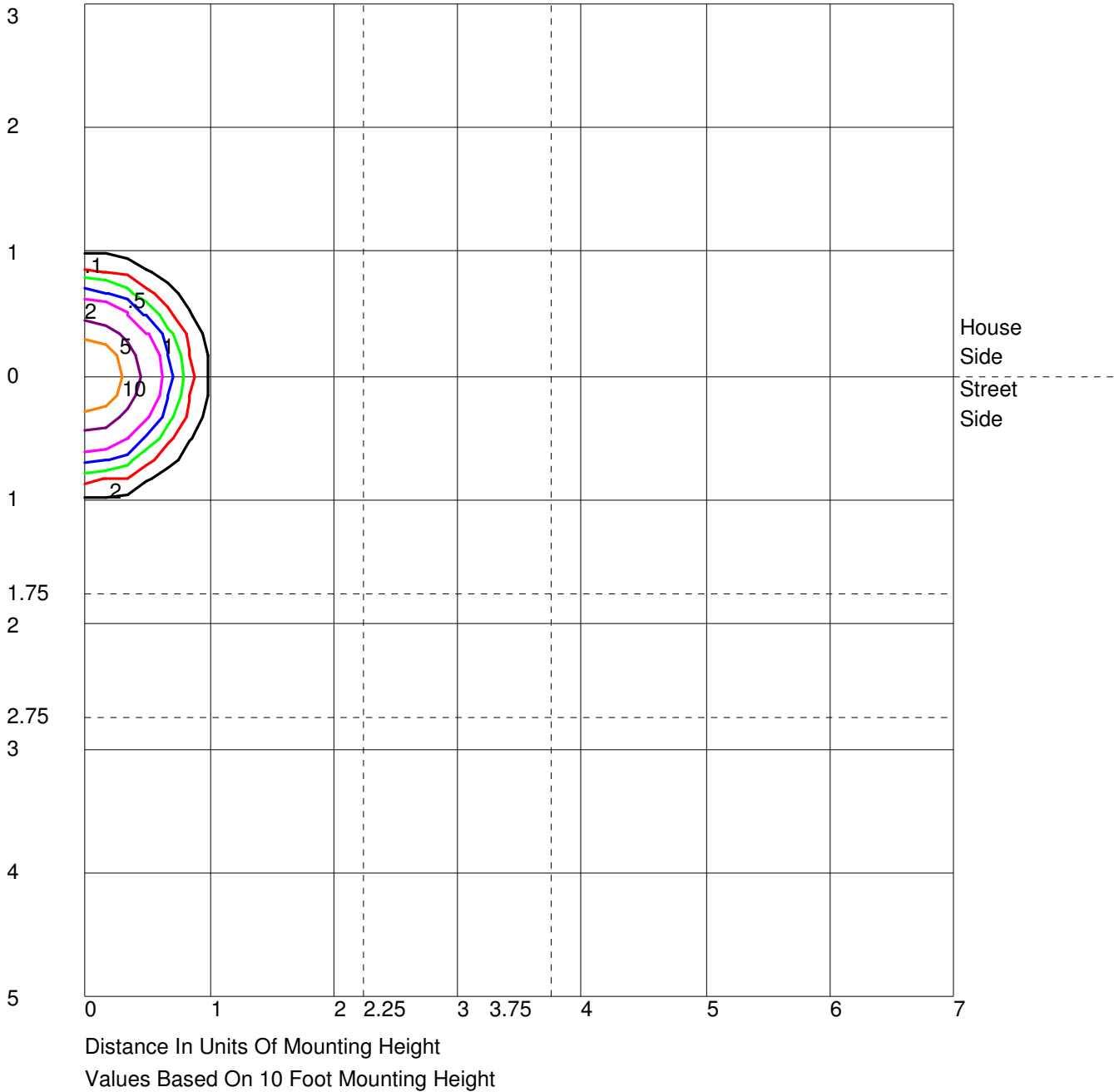


PHOTO LUMENS

