

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-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-L10-927U-L10-927D-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	1834
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	1919.253
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	1919.253
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.138 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.561 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	382.0	N.A.	20.8
FM - Front-Medium (30-60)	71.3	N.A.	3.9
FH - Front-High (60-80)	4.8	N.A.	0.3
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	382.0	N.A.	20.8
BM - Back-Medium (30-60)	71.3	N.A.	3.9
BH - Back-High (60-80)	4.8	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)	916.3	N.A.	50.0
Total	1833.7	N.A.	100.0
BUG Rating	B1-U4-G0		

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-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	1919.253	1919.253	1919.253	1919.253	1919.253	1919.253	1919.253	1919.253	1919.253
5	1907.153	1894.901	1882.087	1894.901	1907.153	1894.901	1882.087	1894.901	1907.153
10	1663.164	1652.614	1637.903	1652.614	1663.164	1652.614	1637.903	1652.614	1663.164
15	1213.229	1221.102	1220.508	1221.102	1213.229	1221.102	1220.508	1221.102	1213.229
20	798.673	804.376	808.125	804.376	798.673	804.376	808.125	804.376	798.673
25	535.327	536.903	539.415	536.903	535.327	536.903	539.415	536.903	535.327
30	366.912	361.485	364.352	361.485	366.912	361.485	364.352	361.485	366.912
35	156.757	157.210	160.425	157.210	156.757	157.210	160.425	157.210	156.757
40	44.423	46.050	48.022	46.050	44.423	46.050	48.022	46.050	44.423
45	24.289	24.637	24.361	24.637	24.289	24.637	24.361	24.637	24.289
50	16.184	16.377	16.046	16.377	16.184	16.377	16.046	16.377	16.184
55	11.379	11.433	11.211	11.433	11.379	11.433	11.211	11.433	11.379
60	8.329	8.323	8.215	8.323	8.329	8.323	8.215	8.323	8.329
65	6.357	6.318	6.222	6.318	6.357	6.318	6.222	6.318	6.357
70	4.691	4.646	4.553	4.646	4.691	4.646	4.553	4.646	4.691
75	3.083	3.047	2.993	3.047	3.083	3.047	2.993	3.047	3.083
80	1.558	1.561	1.552	1.561	1.558	1.561	1.552	1.561	1.558
85	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303
90	0.114	0.132	0.138	0.132	0.114	0.132	0.138	0.132	0.114
95	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303
100	1.558	1.561	1.552	1.561	1.558	1.561	1.552	1.561	1.558
105	3.083	3.047	2.993	3.047	3.083	3.047	2.993	3.047	3.083
110	4.691	4.646	4.553	4.646	4.691	4.646	4.553	4.646	4.691
115	6.357	6.318	6.222	6.318	6.357	6.318	6.222	6.318	6.357
120	8.329	8.323	8.215	8.323	8.329	8.323	8.215	8.323	8.329
125	11.379	11.433	11.211	11.433	11.379	11.433	11.211	11.433	11.379
130	16.184	16.377	16.046	16.377	16.184	16.377	16.046	16.377	16.184
135	24.289	24.637	24.361	24.637	24.289	24.637	24.361	24.637	24.289
140	44.423	46.050	48.022	46.050	44.423	46.050	48.022	46.050	44.423
145	156.757	157.210	160.425	157.210	156.757	157.210	160.425	157.210	156.757
150	366.912	361.485	364.352	361.485	366.912	361.485	364.352	361.485	366.912
155	535.327	536.903	539.415	536.903	535.327	536.903	539.415	536.903	535.327
160	798.673	804.376	808.125	804.376	798.673	804.376	808.125	804.376	798.673
165	1213.229	1221.102	1220.508	1221.102	1213.229	1221.102	1220.508	1221.102	1213.229
170	1663.164	1652.614	1637.903	1652.614	1663.164	1652.614	1637.903	1652.614	1663.164
175	1907.153	1894.901	1882.087	1894.901	1907.153	1894.901	1882.087	1894.901	1907.153
180	1919.204	1919.204	1919.204	1919.204	1919.204	1919.204	1919.204	1919.204	1919.204

COEFFICIENTS OF UTILIZATION



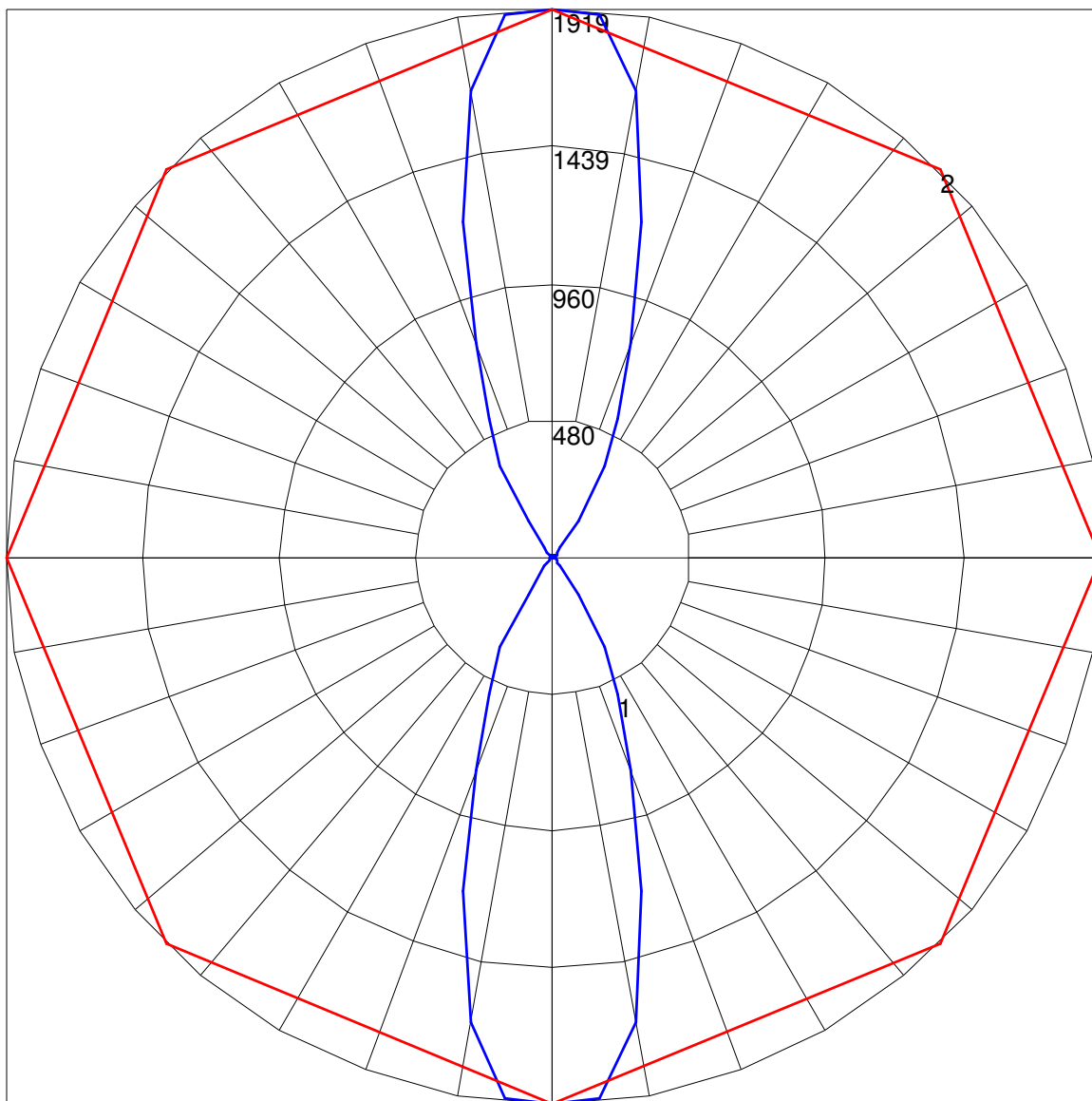
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	458.5	25.0
Downward House Side	458.5	25.0
Downward Total	917.0	50.0
Upward Street Side	458.5	25.0
Upward House Side	458.5	25.0
Upward Total	917.0	50.0
Total Flux	1834.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-927U-L10-927D-XXX-DIM-UNV-M-XX_.IES

POLAR GRAPH



Maximum Candela = 1919.253 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

