

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-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-L30-935U-L30-935D-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	5387
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5638.079
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5638.079
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.406 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.585 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-935U-L30-935D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1122.3	N.A.	20.8
FM - Front-Medium (30-60)	209.6	N.A.	3.9
FH - Front-High (60-80)	14.0	N.A.	0.3
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1122.3	N.A.	20.8
BM - Back-Medium (30-60)	209.6	N.A.	3.9
BH - Back-High (60-80)	14.0	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)	2691.8	N.A.	50.0
Total	5387.2	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	5638.079	5638.079	5638.079	5638.079	5638.079	5638.079	5638.079	5638.079	5638.079
5	5602.536	5566.543	5528.901	5566.543	5602.536	5566.543	5528.901	5566.543	5602.536
10	4885.784	4854.790	4811.576	4854.790	4885.784	4854.790	4811.576	4854.790	4885.784
15	3564.034	3587.163	3585.417	3587.163	3564.034	3587.163	3585.417	3587.163	3564.034
20	2346.217	2362.970	2373.983	2362.970	2346.217	2362.970	2373.983	2362.970	2346.217
25	1572.600	1577.230	1584.610	1577.230	1572.600	1577.230	1584.610	1577.230	1572.600
30	1077.857	1061.915	1070.335	1061.915	1077.857	1061.915	1070.335	1061.915	1077.857
35	460.496	461.828	471.271	461.828	460.496	461.828	471.271	461.828	460.496
40	130.500	135.279	141.072	135.279	130.500	135.279	141.072	135.279	130.500
45	71.352	72.374	71.563	72.374	71.352	72.374	71.563	72.374	71.352
50	47.544	48.109	47.139	48.109	47.544	48.109	47.139	48.109	47.544
55	33.427	33.586	32.934	33.586	33.427	33.586	32.934	33.586	33.427
60	24.469	24.451	24.134	24.451	24.469	24.451	24.134	24.451	24.469
65	18.676	18.561	18.279	18.561	18.676	18.561	18.279	18.561	18.676
70	13.782	13.650	13.376	13.650	13.782	13.650	13.376	13.650	13.782
75	9.056	8.950	8.791	8.950	9.056	8.950	8.791	8.950	9.056
80	4.576	4.585	4.559	4.585	4.576	4.585	4.559	4.585	4.576
85	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891
90	0.335	0.388	0.406	0.388	0.335	0.388	0.406	0.388	0.335
95	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891
100	4.576	4.585	4.559	4.585	4.576	4.585	4.559	4.585	4.576
105	9.056	8.950	8.791	8.950	9.056	8.950	8.791	8.950	9.056
110	13.782	13.650	13.376	13.650	13.782	13.650	13.376	13.650	13.782
115	18.676	18.561	18.279	18.561	18.676	18.561	18.279	18.561	18.676
120	24.469	24.451	24.134	24.451	24.469	24.451	24.134	24.451	24.469
125	33.427	33.586	32.934	33.586	33.427	33.586	32.934	33.586	33.427
130	47.544	48.109	47.139	48.109	47.544	48.109	47.139	48.109	47.544
135	71.352	72.374	71.563	72.374	71.352	72.374	71.563	72.374	71.352
140	130.500	135.279	141.072	135.279	130.500	135.279	141.072	135.279	130.500
145	460.496	461.828	471.271	461.828	460.496	461.828	471.271	461.828	460.496
150	1077.857	1061.915	1070.335	1061.915	1077.857	1061.915	1070.335	1061.915	1077.857
155	1572.600	1577.230	1584.610	1577.230	1572.600	1577.230	1584.610	1577.230	1572.600
160	2346.217	2362.970	2373.983	2362.970	2346.217	2362.970	2373.983	2362.970	2346.217
165	3564.034	3587.163	3585.417	3587.163	3564.034	3587.163	3585.417	3587.163	3564.034
170	4885.784	4854.790	4811.576	4854.790	4885.784	4854.790	4811.576	4854.790	4885.784
175	5602.536	5566.543	5528.901	5566.543	5602.536	5566.543	5528.901	5566.543	5602.536
180	5637.938	5637.938	5637.938	5637.938	5637.938	5637.938	5637.938	5637.938	5637.938

COEFFICIENTS OF UTILIZATION



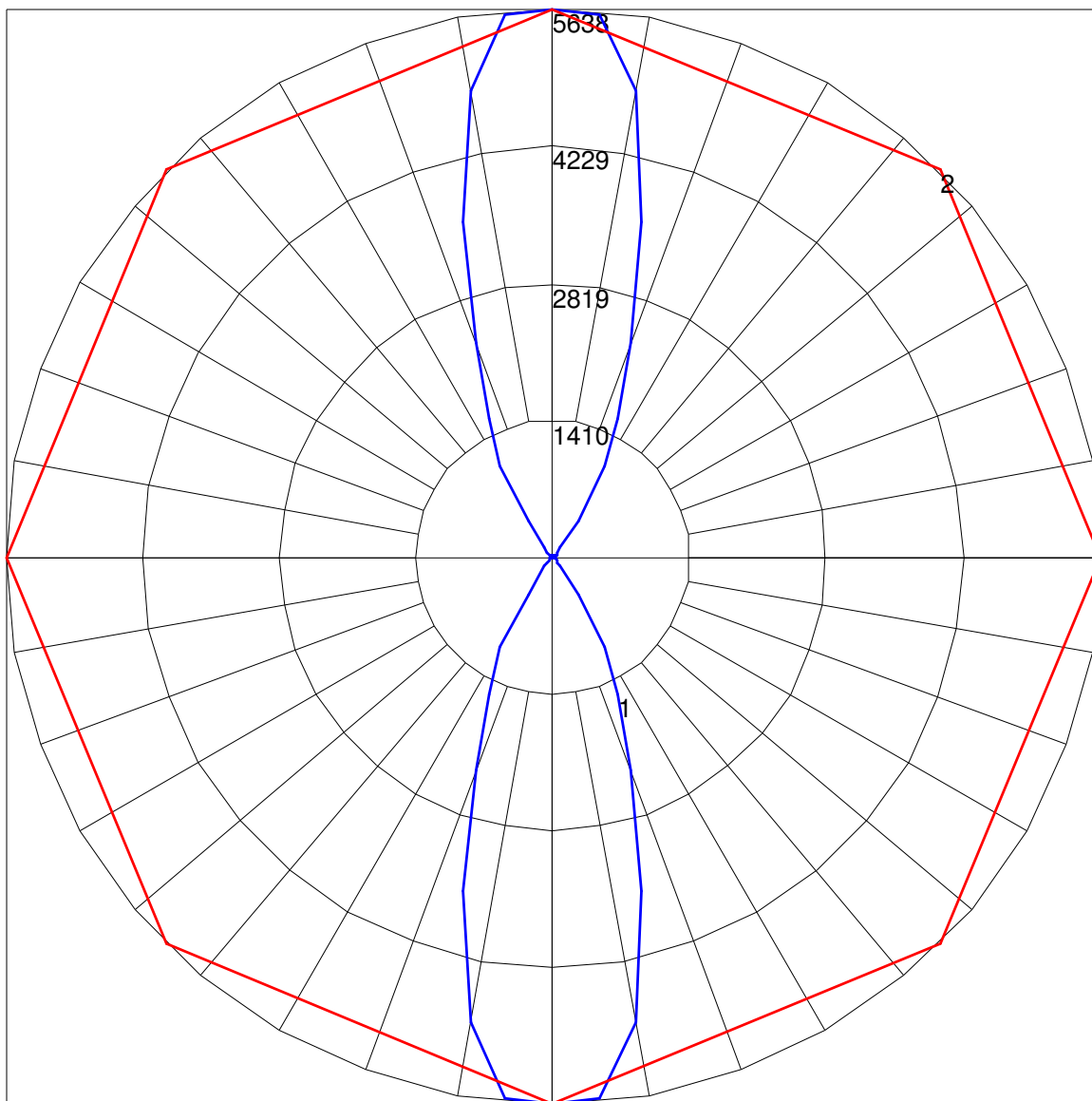
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1346.8	25.0
Downward House Side	1346.8	25.0
Downward Total	2693.6	50.0
Upward Street Side	1346.8	25.0
Upward House Side	1346.8	25.0
Upward Total	2693.6	50.0
Total Flux	5387.2	100.0

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POLAR GRAPH



Maximum Candela = 5638.079 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

