

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-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-L30-950U-L30-950D-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	5275
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5520.619
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5520.619
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.397 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.49 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-950U-L30-950D-XXX-DIM-UNV-M-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1098.9	N.A.	20.8
FM - Front-Medium (30-60)	205.2	N.A.	3.9
FH - Front-High (60-80)	13.7	N.A.	0.3
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1098.9	N.A.	20.8
BM - Back-Medium (30-60)	205.2	N.A.	3.9
BH - Back-High (60-80)	13.7	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)	2635.8	N.A.	50.0
Total	5275.0	N.A.	100.0
BUG Rating	B3-U5-G0		

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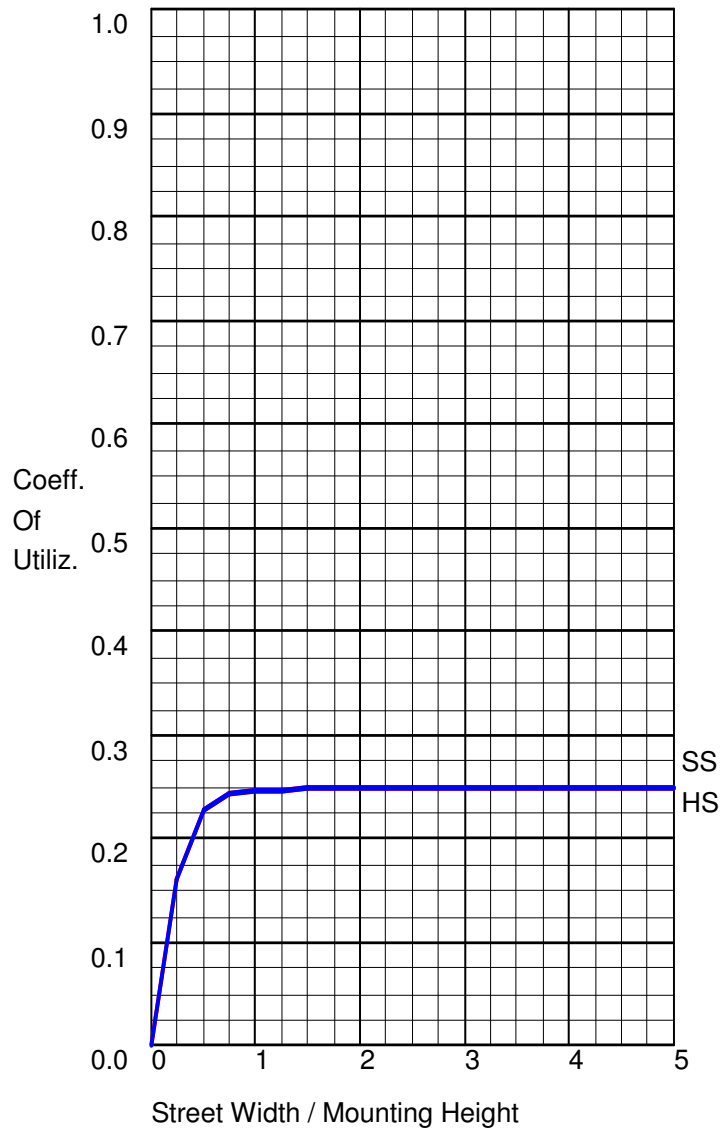
## CANDELA TABULATION

Vert. Angles	Horizontal Angles								
	0	45	90	135	180	225	270	315	360
0	5520.619	5520.619	5520.619	5520.619	5520.619	5520.619	5520.619	5520.619	5520.619
5	5485.816	5450.573	5413.715	5450.573	5485.816	5450.573	5413.715	5450.573	5485.816
10	4783.997	4753.649	4711.334	4753.649	4783.997	4753.649	4711.334	4753.649	4783.997
15	3489.783	3512.430	3510.720	3512.430	3489.783	3512.430	3510.720	3512.430	3489.783
20	2297.337	2313.741	2324.525	2313.741	2297.337	2313.741	2324.525	2313.741	2297.337
25	1539.838	1544.371	1551.597	1544.371	1539.838	1544.371	1551.597	1544.371	1539.838
30	1055.401	1039.791	1048.037	1039.791	1055.401	1039.791	1048.037	1039.791	1055.401
35	450.903	452.206	461.453	452.206	450.903	452.206	461.453	452.206	450.903
40	127.781	132.460	138.133	132.460	127.781	132.460	138.133	132.460	127.781
45	69.865	70.867	70.072	70.867	69.865	70.867	70.072	70.867	69.865
50	46.554	47.106	46.157	47.106	46.554	47.106	46.157	47.106	46.554
55	32.731	32.886	32.247	32.886	32.731	32.886	32.247	32.886	32.731
60	23.959	23.942	23.631	23.942	23.959	23.942	23.631	23.942	23.959
65	18.286	18.174	17.898	18.174	18.286	18.174	17.898	18.174	18.286
70	13.495	13.365	13.098	13.365	13.495	13.365	13.098	13.365	13.495
75	8.867	8.763	8.608	8.763	8.867	8.763	8.608	8.763	8.867
80	4.481	4.490	4.464	4.490	4.481	4.490	4.464	4.490	4.481
85	0.872	0.872	0.872	0.872	0.872	0.872	0.872	0.872	0.872
90	0.328	0.380	0.397	0.380	0.328	0.380	0.397	0.380	0.328
95	0.872	0.872	0.872	0.872	0.872	0.872	0.872	0.872	0.872
100	4.481	4.490	4.464	4.490	4.481	4.490	4.464	4.490	4.481
105	8.867	8.763	8.608	8.763	8.867	8.763	8.608	8.763	8.867
110	13.495	13.365	13.098	13.365	13.495	13.365	13.098	13.365	13.495
115	18.286	18.174	17.898	18.174	18.286	18.174	17.898	18.174	18.286
120	23.959	23.942	23.631	23.942	23.959	23.942	23.631	23.942	23.959
125	32.731	32.886	32.247	32.886	32.731	32.886	32.247	32.886	32.731
130	46.554	47.106	46.157	47.106	46.554	47.106	46.157	47.106	46.554
135	69.865	70.867	70.072	70.867	69.865	70.867	70.072	70.867	69.865
140	127.781	132.460	138.133	132.460	127.781	132.460	138.133	132.460	127.781
145	450.903	452.206	461.453	452.206	450.903	452.206	461.453	452.206	450.903
150	1055.401	1039.791	1048.037	1039.791	1055.401	1039.791	1048.037	1039.791	1055.401
155	1539.838	1544.371	1551.597	1544.371	1539.838	1544.371	1551.597	1544.371	1539.838
160	2297.337	2313.741	2324.525	2313.741	2297.337	2313.741	2324.525	2313.741	2297.337
165	3489.783	3512.430	3510.720	3512.430	3489.783	3512.430	3510.720	3512.430	3489.783
170	4783.997	4753.649	4711.334	4753.649	4783.997	4753.649	4711.334	4753.649	4783.997
175	5485.816	5450.573	5413.715	5450.573	5485.816	5450.573	5413.715	5450.573	5485.816
180	5520.481	5520.481	5520.481	5520.481	5520.481	5520.481	5520.481	5520.481	5520.481

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### COEFFICIENTS OF UTILIZATION



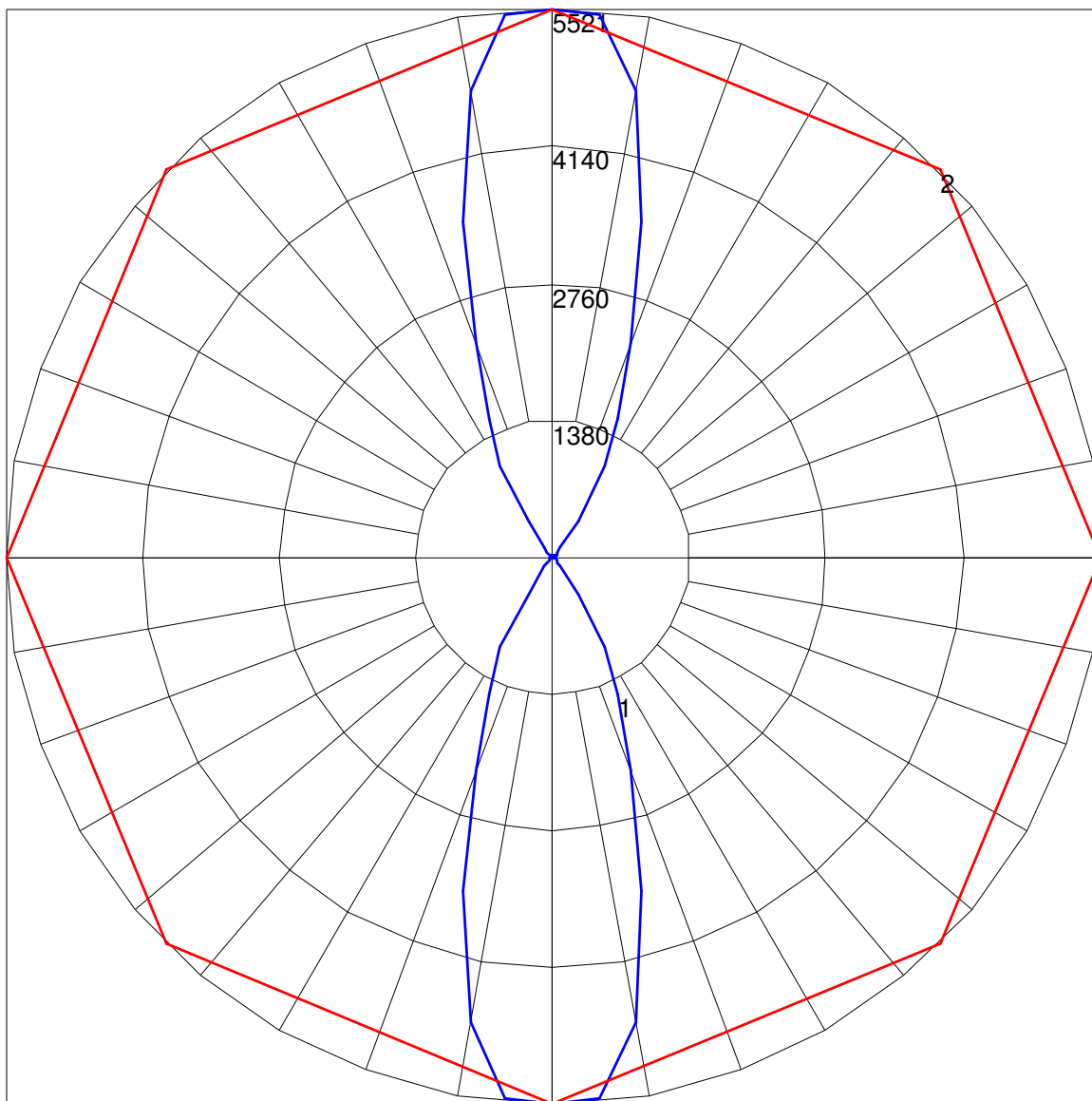
### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1318.8	25.0
Downward House Side	1318.8	25.0
Downward Total	2637.6	50.0
Upward Street Side	1318.8	25.0
Upward House Side	1318.8	25.0
Upward Total	2637.6	50.0
Total Flux	5275.2	100.0

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## POLAR GRAPH

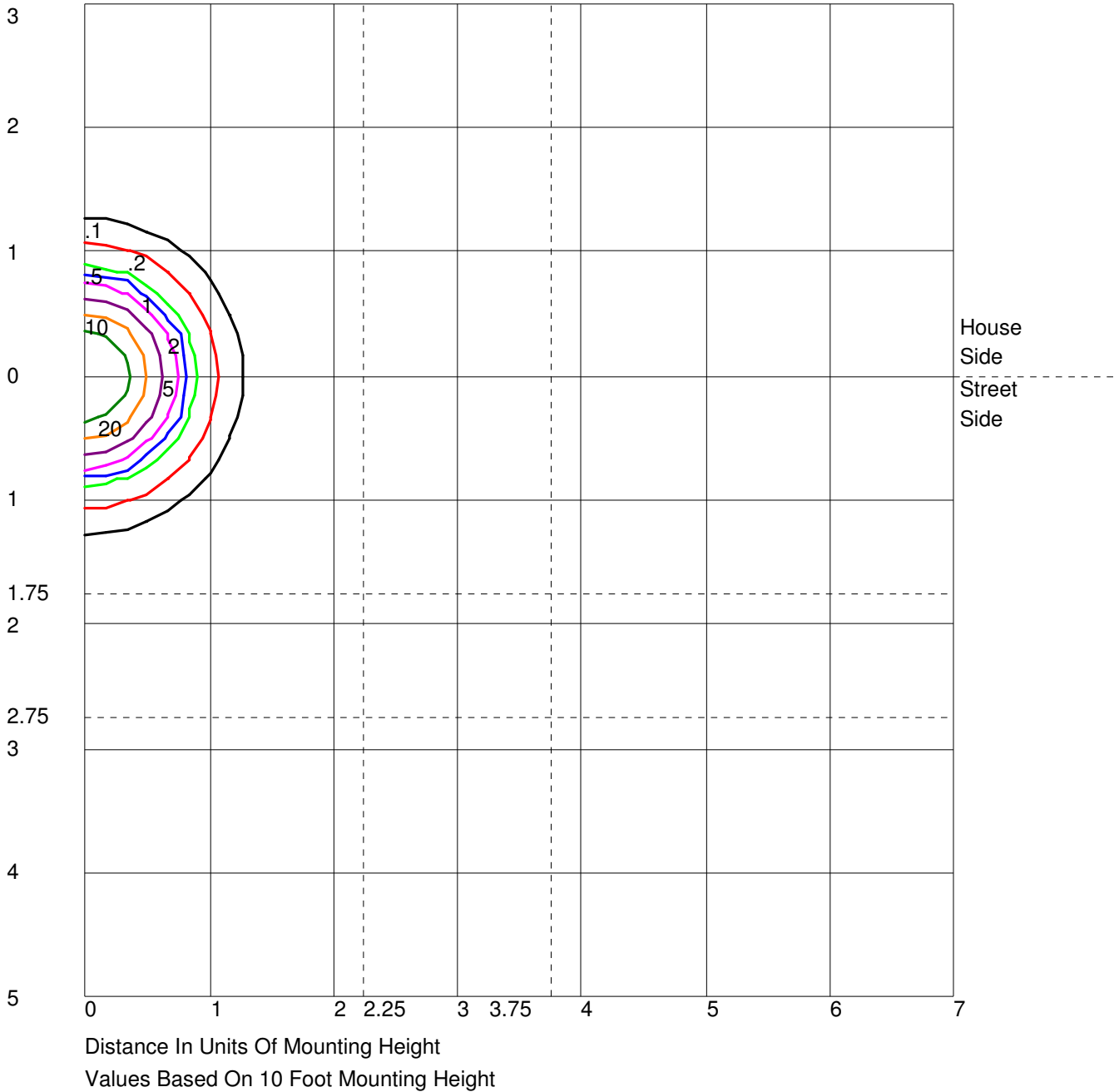


Maximum Candela = 5520.619 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

