

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-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-L30-930U-L30-930D-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	5331
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5579.35
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5579.35
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.401 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.537 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-M-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1110.6	N.A.	20.8
FM - Front-Medium (30-60)	207.4	N.A.	3.9
FH - Front-High (60-80)	13.9	N.A.	0.3
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1110.6	N.A.	20.8
BM - Back-Medium (30-60)	207.4	N.A.	3.9
BH - Back-High (60-80)	13.9	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)	2663.8	N.A.	50.0
Total	5331.2	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	5579.350	5579.350	5579.350	5579.350	5579.350	5579.350	5579.350	5579.350	5579.350
5	5544.176	5508.558	5471.308	5508.558	5544.176	5508.558	5471.308	5508.558	5544.176
10	4834.891	4804.220	4761.455	4804.220	4834.891	4804.220	4761.455	4804.220	4834.891
15	3526.909	3549.796	3548.069	3549.796	3526.909	3549.796	3548.069	3549.796	3526.909
20	2321.777	2338.356	2349.254	2338.356	2321.777	2338.356	2349.254	2338.356	2321.777
25	1556.219	1560.800	1568.104	1560.800	1556.219	1560.800	1568.104	1560.800	1556.219
30	1066.629	1050.853	1059.186	1050.853	1066.629	1050.853	1059.186	1050.853	1066.629
35	455.699	457.017	466.362	457.017	455.699	457.017	466.362	457.017	455.699
40	129.140	133.870	139.602	133.870	129.140	133.870	139.602	133.870	129.140
45	70.608	71.621	70.818	71.621	70.608	71.621	70.818	71.621	70.608
50	47.049	47.607	46.648	47.607	47.049	47.607	46.648	47.607	47.049
55	33.079	33.236	32.590	33.236	33.079	33.236	32.590	33.236	33.079
60	24.214	24.196	23.882	24.196	24.214	24.196	23.882	24.196	24.214
65	18.481	18.368	18.088	18.368	18.481	18.368	18.088	18.368	18.481
70	13.638	13.507	13.237	13.507	13.638	13.507	13.237	13.507	13.638
75	8.961	8.857	8.700	8.857	8.961	8.857	8.700	8.857	8.961
80	4.529	4.537	4.511	4.537	4.529	4.537	4.511	4.537	4.529
85	0.881	0.881	0.881	0.881	0.881	0.881	0.881	0.881	0.881
90	0.332	0.384	0.401	0.384	0.332	0.384	0.401	0.384	0.332
95	0.881	0.881	0.881	0.881	0.881	0.881	0.881	0.881	0.881
100	4.529	4.537	4.511	4.537	4.529	4.537	4.511	4.537	4.529
105	8.961	8.857	8.700	8.857	8.961	8.857	8.700	8.857	8.961
110	13.638	13.507	13.237	13.507	13.638	13.507	13.237	13.507	13.638
115	18.481	18.368	18.088	18.368	18.481	18.368	18.088	18.368	18.481
120	24.214	24.196	23.882	24.196	24.214	24.196	23.882	24.196	24.214
125	33.079	33.236	32.590	33.236	33.079	33.236	32.590	33.236	33.079
130	47.049	47.607	46.648	47.607	47.049	47.607	46.648	47.607	47.049
135	70.608	71.621	70.818	71.621	70.608	71.621	70.818	71.621	70.608
140	129.140	133.870	139.602	133.870	129.140	133.870	139.602	133.870	129.140
145	455.699	457.017	466.362	457.017	455.699	457.017	466.362	457.017	455.699
150	1066.629	1050.853	1059.186	1050.853	1066.629	1050.853	1059.186	1050.853	1066.629
155	1556.219	1560.800	1568.104	1560.800	1556.219	1560.800	1568.104	1560.800	1556.219
160	2321.777	2338.356	2349.254	2338.356	2321.777	2338.356	2349.254	2338.356	2321.777
165	3526.909	3549.796	3548.069	3549.796	3526.909	3549.796	3548.069	3549.796	3526.909
170	4834.891	4804.220	4761.455	4804.220	4834.891	4804.220	4761.455	4804.220	4834.891
175	5544.176	5508.558	5471.308	5508.558	5544.176	5508.558	5471.308	5508.558	5544.176
180	5579.210	5579.210	5579.210	5579.210	5579.210	5579.210	5579.210	5579.210	5579.210

COEFFICIENTS OF UTILIZATION



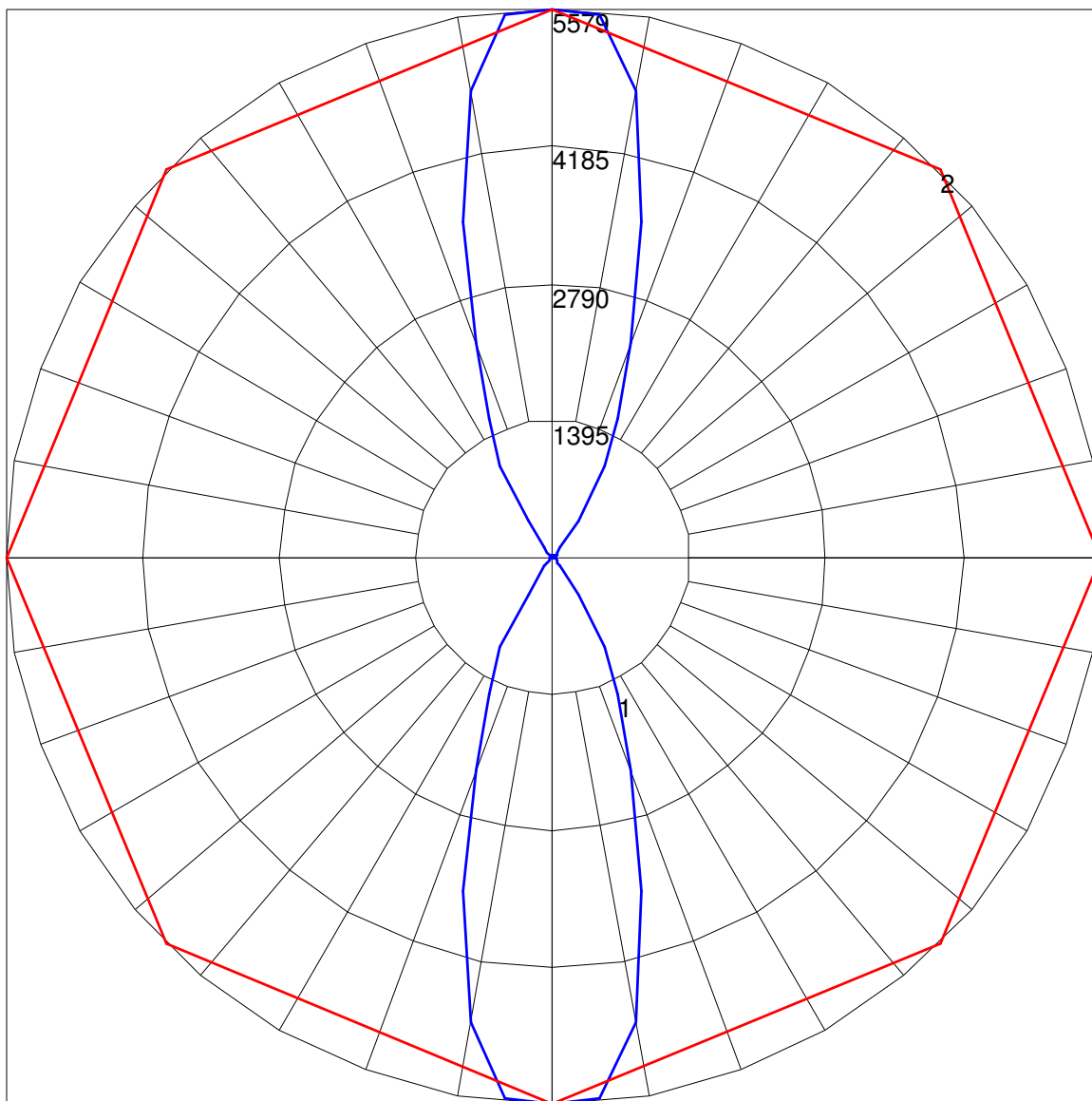
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1332.8	25.0
Downward House Side	1332.8	25.0
Downward Total	2665.6	50.0
Upward Street Side	1332.8	25.0
Upward House Side	1332.8	25.0
Upward Total	2665.6	50.0
Total Flux	5331.2	100.0

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POLAR GRAPH



Maximum Candela = 5579.35 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

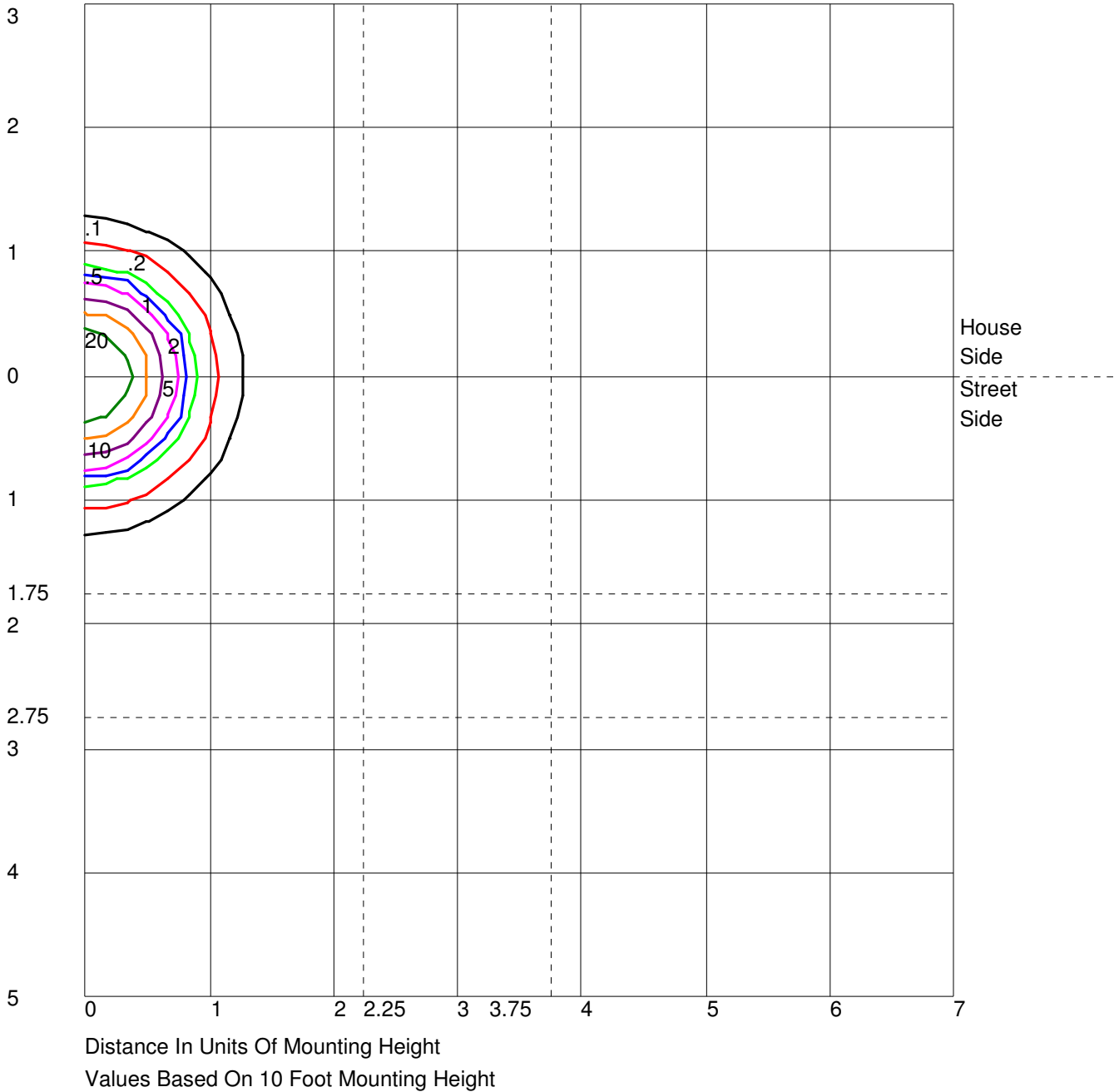


PHOTO LUMENS

