

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-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-L40-927U-L40-927D-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	6854
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7172.866
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7172.866
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.516 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.833 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-M-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1427.8	N.A.	20.8
FM - Front-Medium (30-60)	266.6	N.A.	3.9
FH - Front-High (60-80)	17.9	N.A.	0.3
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1427.8	N.A.	20.8
BM - Back-Medium (30-60)	266.6	N.A.	3.9
BH - Back-High (60-80)	17.9	N.A.	0.3
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.3	N.A.	0.0
UH - Uplight-High (100-180)	3424.6	N.A.	50.0
Total	6853.9	N.A.	100.0
BUG Rating	B3-U5-G0		

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-M-XX\_.IES

## CANDELA TABULATION

Vert. Angles	Horizontal Angles								
	0	45	90	135	180	225	270	315	360
0	7172.866	7172.866	7172.866	7172.866	7172.866	7172.866	7172.866	7172.866	7172.866
5	7127.647	7081.856	7033.967	7081.856	7127.647	7081.856	7033.967	7081.856	7127.647
10	6215.783	6176.352	6121.373	6176.352	6215.783	6176.352	6121.373	6176.352	6215.783
15	4534.228	4563.653	4561.432	4563.653	4534.228	4563.653	4561.432	4563.653	4534.228
20	2984.899	3006.213	3020.224	3006.213	2984.899	3006.213	3020.224	3006.213	2984.899
25	2000.690	2006.580	2015.969	2006.580	2000.690	2006.580	2015.969	2006.580	2000.690
30	1371.269	1350.987	1361.700	1350.987	1371.269	1350.987	1361.700	1350.987	1371.269
35	585.852	587.546	599.560	587.546	585.852	587.546	599.560	587.546	585.852
40	166.024	172.104	179.474	172.104	166.024	172.104	179.474	172.104	166.024
45	90.775	92.076	91.044	92.076	90.775	92.076	91.044	92.076	90.775
50	60.487	61.205	59.971	61.205	60.487	61.205	59.971	61.205	60.487
55	42.527	42.729	41.899	42.729	42.527	42.729	41.899	42.729	42.527
60	31.130	31.107	30.703	31.107	31.130	31.107	30.703	31.107	31.130
65	23.759	23.614	23.255	23.614	23.759	23.614	23.255	23.614	23.759
70	17.533	17.365	17.017	17.365	17.533	17.365	17.017	17.365	17.533
75	11.521	11.386	11.184	11.386	11.521	11.386	11.184	11.386	11.521
80	5.822	5.833	5.800	5.833	5.822	5.833	5.800	5.833	5.822
85	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133
90	0.426	0.494	0.516	0.494	0.426	0.494	0.516	0.494	0.426
95	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133
100	5.822	5.833	5.800	5.833	5.822	5.833	5.800	5.833	5.822
105	11.521	11.386	11.184	11.386	11.521	11.386	11.184	11.386	11.521
110	17.533	17.365	17.017	17.365	17.533	17.365	17.017	17.365	17.533
115	23.759	23.614	23.255	23.614	23.759	23.614	23.255	23.614	23.759
120	31.130	31.107	30.703	31.107	31.130	31.107	30.703	31.107	31.130
125	42.527	42.729	41.899	42.729	42.527	42.729	41.899	42.729	42.527
130	60.487	61.205	59.971	61.205	60.487	61.205	59.971	61.205	60.487
135	90.775	92.076	91.044	92.076	90.775	92.076	91.044	92.076	90.775
140	166.024	172.104	179.474	172.104	166.024	172.104	179.474	172.104	166.024
145	585.852	587.546	599.560	587.546	585.852	587.546	599.560	587.546	585.852
150	1371.269	1350.987	1361.700	1350.987	1371.269	1350.987	1361.700	1350.987	1371.269
155	2000.690	2006.580	2015.969	2006.580	2000.690	2006.580	2015.969	2006.580	2000.690
160	2984.899	3006.213	3020.224	3006.213	2984.899	3006.213	3020.224	3006.213	2984.899
165	4534.228	4563.653	4561.432	4563.653	4534.228	4563.653	4561.432	4563.653	4534.228
170	6215.783	6176.352	6121.373	6176.352	6215.783	6176.352	6121.373	6176.352	6215.783
175	7127.647	7081.856	7033.967	7081.856	7127.647	7081.856	7033.967	7081.856	7127.647
180	7172.687	7172.687	7172.687	7172.687	7172.687	7172.687	7172.687	7172.687	7172.687

COEFFICIENTS OF UTILIZATION



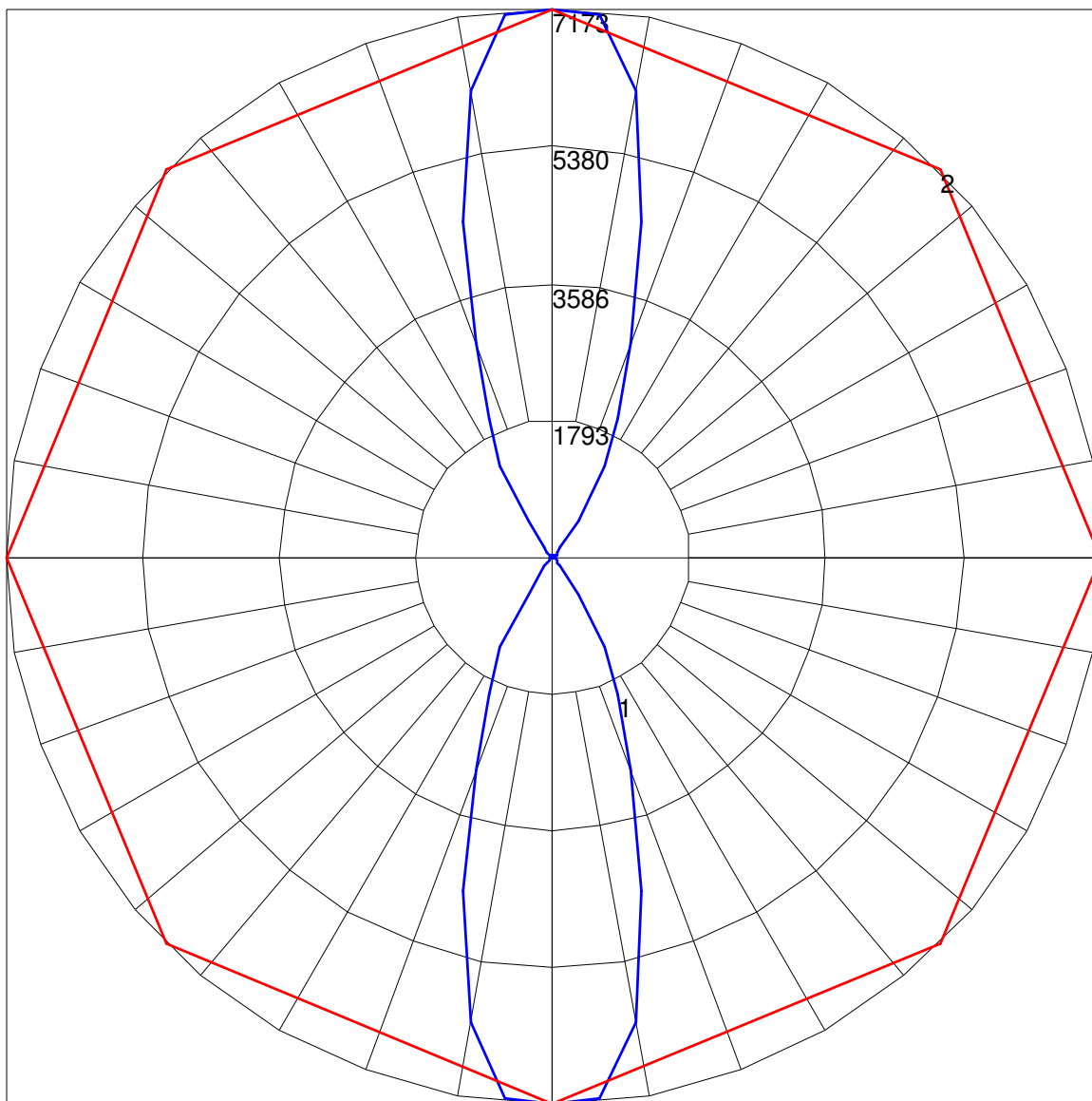
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1713.5	25.0
Downward House Side	1713.5	25.0
Downward Total	3427.0	50.0
Upward Street Side	1713.5	25.0
Upward House Side	1713.5	25.0
Upward Total	3427.0	50.0
Total Flux	6854.0	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-927U-L40-927D-XXX-DIM-UNV-M-XX\_.IES

## POLAR GRAPH

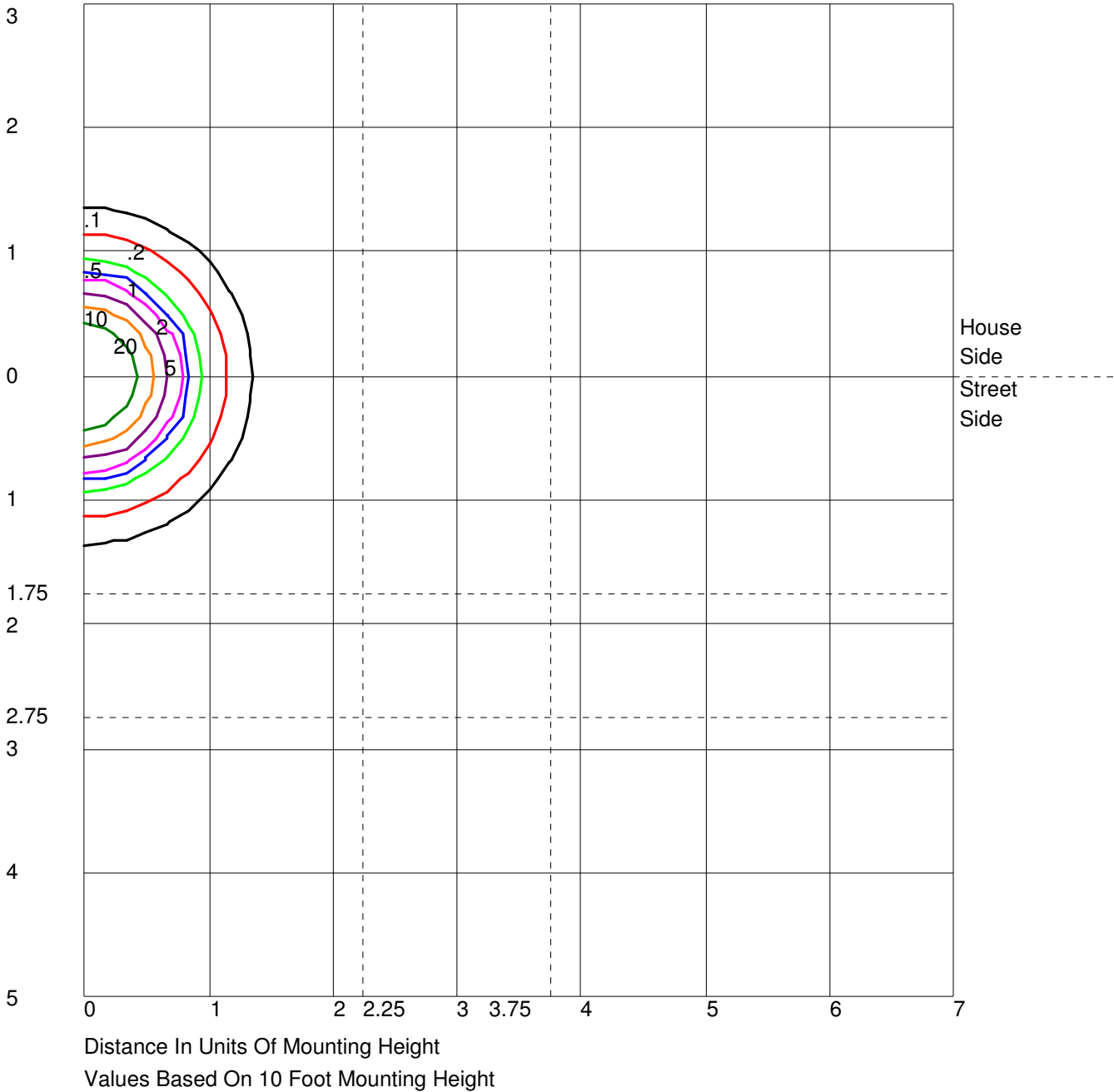


Maximum Candela = 7172.866 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

