

# Field-Adjustable Edge-Lit Wafers

4-Inch 9W

**Photometric Data Residential Wafer**

**Residential DL Wafer 4" 9W CR190 FA(2700 WFR4R99FA120WS)**

Product Key Parameter	
Input Voltage(VAC)	120
System Level Power(W)	9.19
Delivered Lumens(Lm)	674.1
System efficacy(Lm/W)	73.35146899
CCT(K)	2700K/3000K/3500K/4000K/5000K
Color Rendering Index(CRI)	90
Beam Angle(°)	120
Spacing Criteria	1.2

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary		Cone of Light Tabulation		
	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
<p>Luminous Intensity Distribution Curve</p> <p>Average Diffuse Angle(50%): 113.2°</p> <p>Unit: cd</p> <p>— C0-C180 — C90-C270</p>	0	232.3	2	58.1	6.1
	5	231.2	4	14.5	12.1
	15	228.0	6	6.5	18.2
	25	207.3	8	3.6	24.2
	35	184.5	10	2.3	30.3
	45	155.5	12	1.6	36.3
	55	121.4	14	1.2	42.4
	65	83.9	16	0.9	48.4
	75	45.8	<b>Zonal Lumen Summary</b>		
	85	11.6	Zone(°)	Lumen	% of Luminaire
90	1.9	0-30	181	26.8%	
CCT Data Multiplier		0-60	526	78.0%	
2700K	1.000	0-90	674	99.9%	
3000K	1.020	0-120	674	100.0%	
3500K	1.020	120-180	/	/	
4000K	1.020	0-180	/	/	
5000K	1.020				

# Field-Adjustable Edge-Lit Wafers

6-Inch 12W

**Photometric Data Residential Wafer**

**Residential DL Wafer 6" 12W CRI90 FA(270 WFR6R129FA120WS**

Product Key Parameter	
Input Voltage(VAC)	120
System Level Power(W)	11.58
Delivered Lumens(Lm)	944.2
System efficacy(Lm/W)	81.53713299
CCT(K)	2700K/3000K/3500K/4000K/5000K
Color Rendering Index(CRI)	90
Beam Angle(°)	120
Spacing Criteria	1.2

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary		Cone of Light Tabulation														
	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)												
<p>Luminous Intensity Distribution Curve</p> <p>Unit: cd</p> <p>Average Diffuse Angle(50%): 113.3°</p> <p>— C0-C180 — C90-C270</p>	0	324.4	2	81.1	6.1												
	5	322.9	4	20.3	12.1												
	15	311.6	6	9.0	18.1												
	25	290.2	8	5.1	24.2												
	35	257.7	10	3.2	36.3												
	45	217.3	12	2.3	42.3												
	55	170.4	14	1.7	48.4												
	65	117.7	16	1.2													
	75	64.7	<b>Zonal Lumen Summary</b>														
	85	17.5	Zone(°)	Lumen	% of Luminaire												
90	3.1	0-30	252	26.7%													
<table border="1"> <thead> <tr> <th colspan="2">CCT Data Multiplier</th> </tr> </thead> <tbody> <tr> <td>2700K</td> <td>1.000</td> </tr> <tr> <td>3000K</td> <td>1.020</td> </tr> <tr> <td>3500K</td> <td>1.020</td> </tr> <tr> <td>4000K</td> <td>1.020</td> </tr> <tr> <td>5000K</td> <td>1.020</td> </tr> </tbody> </table>			CCT Data Multiplier		2700K	1.000	3000K	1.020	3500K	1.020	4000K	1.020	5000K	1.020	0-60	735	77.8%
			CCT Data Multiplier														
			2700K	1.000													
			3000K	1.020													
			3500K	1.020													
4000K	1.020																
5000K	1.020																
0-90	943	99.9%															
0-120	944	100.0%															
120-180	/	/															
0-180	/	/															

# Field-Adjustable Edge-Lit Wafers

4-Inch 9W (Baffle)

**Photometric Data Residential Wafer Baffle Residential DL Wafer Baffle 4" 9W CRI90 FA(2700K-3000K-3500K-4000K-5000K)**

Product Key Parameter	
Input Voltage(VAC)	120
System Level Power(W)	9.09
Delivered Lumens(Lm)	700.8
System efficacy(Lm/W)	77.09570957
CCT(K)	2700K/3000K/3500K/4000K/5000K
Color Rendering Index(CRI)	90
Beam Angle(°)	120
Spacing Criteria	1.2

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary		Cone of Light Tabulation		
	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
	0	243.9	2	61.0	6.1
	5	242.8	4	15.2	12.1
	15	234.3	6	6.8	18.2
	25	217.8	8	3.8	24.3
	35	194.0	10	2.4	30.3
	45	163.6	12	1.7	36.4
	55	128.1	14	1.2	42.5
	65	87.8	16	1.0	48.5
	75	45.4	<b>Zonal Lumen Summary</b>		
	85	7.6	Zone(°)	Lumen	% of Luminaire
90	0.3	0-30	190	27.1%	
<b>CCT Data Multiplier</b>		0-60	553	78.9%	
		0-90	701	100.0%	
		0-120	701	100.0%	
		120-180	/	/	
		0-180	/	/	
2700K	1.000				
3000K	1.020				
3500K	1.020				
4000K	1.020				
5000K	1.020				

# Field-Adjustable Edge-Lit Wafers

6-Inch 12W (Baffle)

**Photometric Data Residential Wafer Baffle Residential DL Wafer Baffle 6" 12W CRI90 FA(2700K-3000K-3500K-4000K-5000K)**

Product Key Parameter	
Input Voltage(VAC)	120
System Level Power(W)	11.6
Delivered Lumens(Lm)	1010
System efficacy(Lm/W)	87.06896552
CCT(K)	2700K/3000K/3500K/4000K/5000K
Color Rendering Index(CRI)	90
Beam Angle(°)	120
Spacing Criteria	1.2

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary		Cone of Light Tabulation		
	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
<p>Luminous Intensity Distribution Curve</p> <p>Average Diffuse Angle(50%): 113.7°</p> <p>Unit: cd</p> <p>— C0-C180 — C90-C270</p>	0	348.9	2	87.2	6.1
	5	347.3	4	21.8	12.2
	15	335.4	6	9.7	18.3
	25	311.8	8	5.5	24.4
	35	277.9	10	3.5	30.5
	45	234.6	12	2.4	36.6
	55	183.3	14	1.8	42.7
	65	126.8	16	1.4	48.8
	75	67.4	<b>Zonal Lumen Summary</b>		
	85	14.0			
90	0.9	0-30	272	26.9%	
<b>CCT Data Multiplier</b>			0-60	792	78.4%
			0-90	1010	100.0%
			0-120	1010	100.0%
			120-180	/	/
			0-180	/	/

**CCT Data Multiplier**

2700K	1.000
3000K	1.020
3500K	1.020
4000K	1.020
5000K	1.020