

Gimbal and 2" Downlights

Gimbal 2-Inch 5W

Photometric Data Residential gimbal

Residential DL gimbal 2" 5W CRI90 2700K

Product Key Parameter	
Input Voltage(VAC)	120.1
System Level Power(W)	5.27
Delivered Lumens(Lm)	369.149
System efficacy(Lm/W)	70.05
CCT(K)	2700
Color Rendering Index(CRI)	90
Beam Angle(°)	38.8
Spacing Criteria	0.6

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary (Candle Power)	Cone of Light Tabulation			
<p>UNIT: cd C0/180, 46.3 C90/270, 31.3 AVERAGE BEAM ANGLE (50%): 38.8 DEG</p>	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
	0	588.0	2	147.2	1.119
	5	552.8	4	36.8	2.239
	15	371.8	6	16.4	3.358
	25	211.8	8	9.2	4.477
	35	82.9	10	5.9	5.596
	45	35.8	12	4.1	6.716
	55	18.1	14	3.0	7.835
	65	7.8	16	2.3	8.954
	75	5.4	Zonal Lumen Summary		
85	3.2	Zone(°)	Lumen	% of Luminaire	
90	2.8	0-30	250.12	67.8%	
CCT Data Multiplier		0-60	349.71	94.7%	
2700K	0.980	0-90	369.1	100.0%	
3000K	1.000	0-120			
4000K	1.050	120-180			
		0-180			

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Gimbal 3-Inch 8W

Photometric Data Residential gimbal

Residential DL gimbal 3" 8W CRI90 2700K

Product Key Parameter	
Input Voltage(VAC)	120.1
System Level Power(W)	8.429
Delivered Lumens(Lm)	594.841
System efficacy(Lm/W)	70.57
CCT(K)	2700
Color Rendering Index(CRI)	90
Beam Angle(°)	39.5
Spacing Criteria	0.6

Note: Use LM-79 testing data

Light distribution photo	Intensity Summary (Candle Power)	Cone of Light Tabulation			
<p>UNIT: cd C0/180, 39.8 C90/270, 39.2 AVERAGE BEAM ANGLE (50%): 39.5 DEG</p>	Angle(°)	Mean CP	Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
	0	1171.5	2	300.0	1.423
	5	1115.5	4	75.00	2.846
	15	813.5	6	33.33	4.269
	25	387.0	8	18.75	5.629
	35	68.7	10	12.00	7.115
	45	24.2	12	8.333	8.538
	55	14.5	14	6.122	9.961
	65	8.2	16	4.687	11.38
	75	4.5	Zonal Lumen Summary		
85	1.9	Zone(°)	Lumen	% of Luminaire	
90	1.4	0-30	499	83.9%	
CCT Data Multiplier		0-60	579.7	97.5%	
2700K	0.980	0-90	594.8	100.0%	
3000K	1.000	0-120			
4000K	1.050	120-180			
		0-180			

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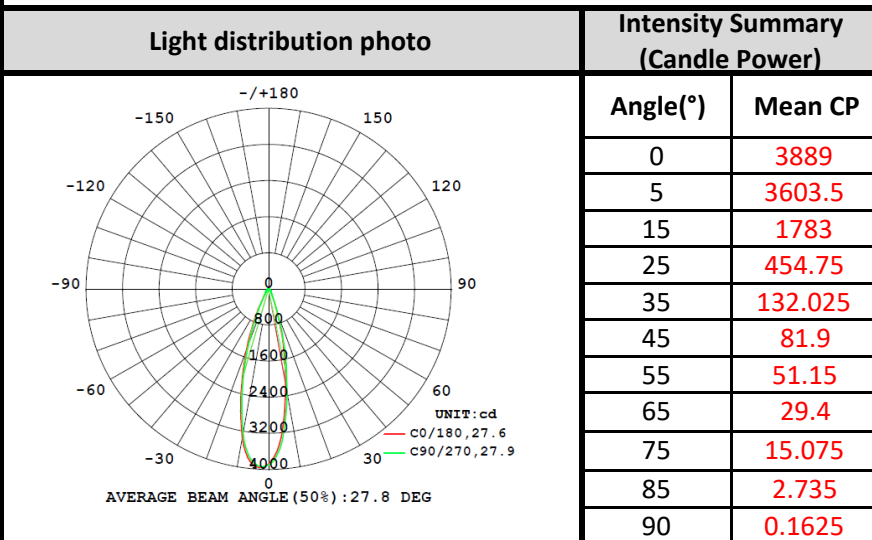
Gimbal 4-Inch 14W

Photometric Data Residential gimbal

Residential DL gimbal 4" 14W CRI90 2700K

Product Key Parameter	
Input Voltage(VAC)	120
System Level Power(W)	12.76
Delivered Lumens(Lm)	1267
System efficacy(Lm/W)	99.31
CCT(K)	2700
Color Rendering Index(CRI)	90
Beam Angle(°)	27.8
Spacing Criteria	0.5

Note: Use LM-79 testing data



Cone of Light Tabulation		
Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
2	985.5	0.9838
4	246.4	1.968
6	109.5	2.951
8	61.59	3.935
10	39.42	4.919
12	27.37	5.903
14	20.11	6.886
16	15.40	7.87
Zonal Lumen Summary		
Zone(°)	Lumen	% of Luminaire
0-30	1022	80.7%
0-60	1218	96.1%
0-90	1267	100.0%
0-120		
120-180		
0-180		

CCT Data Multiplier	
2700K	0.980
3000K	1.000
4000K	1.050

Gimbal and 2" Downlights

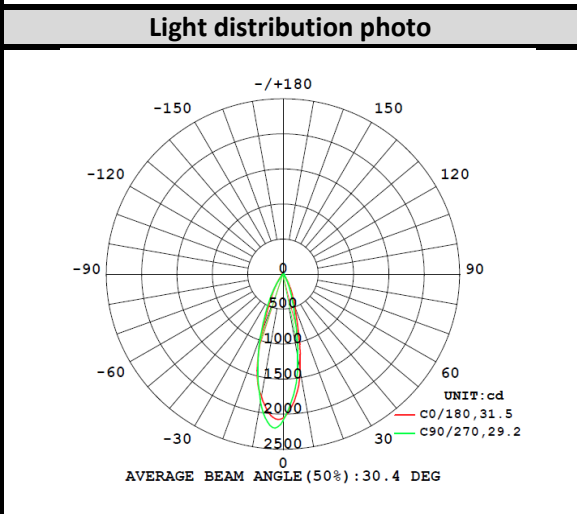
2-Inch 8W

Photometric Data Residential recessed

Residential DL 2" 8W CRI90 2700K

Product Key Parameter	
Input Voltage(VAC)	120.1
System Level Power(W)	8.481
Delivered Lumens(Lm)	780.265
System efficacy(Lm/W)	92
CCT(K)	2700
Color Rendering Index(CRI)	90
Beam Angle(°)	30.4
Spacing Criteria	0.5

Note: Use LM-79 testing data



Intensity Summary	
Angle(°)	Mean CP
0	2071.5
5	1933.5
15	1079.3
25	381.5
35	101.8
45	26.5
55	19.0
65	13.7
75	8.2
85	4.3
90	2.7

Cone of Light Tabulation		
Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
2	547.4	1.042
4	136.9	2.083
6	60.83	3.125
8	34.22	4.167
10	21.90	5.209
12	15.21	6.25
14	11.17	7.292
16	8.554	8.334

Zonal Lumen Summary		
Zone(°)	Lumen	% of Luminaire
0-30	647	83.0%
0-60	753	96.5%
0-90	780	100.0%
0-120		
120-180		
0-180		

CCT Data Multiplier	
2700K	0.980
3000K	1.000
4000K	1.050