

Opal



IrriStand systems

Sprinkler with silicone motioncontroller, 1/2" or 3/8" male thread and female Acme thread mounted on Irristand 52 or riser

- Silicone motion controller for longer radius of throw
- Unique swivel for protection against snails
- Optimal water stream and droplet size for high resistance to wind
- Triangular distribution profile for uniform irrigation

Applications: Irrigation and germination of vegetables, field crops and flowers. Overhead cooling & fruit coloring.

Main features

- Available with two different angles 15° & 24°
- Special water path with triangular distribution profile for uniform distribution.
- Unique swivel design protects damage caused by snails
- Low impact droplet and low application rate
- Recommended working pressure: 2.0 - 3.0 bar
- Flow range: 230 - 455 l/h
- High resistance to breakage, corrosion, UV radiation and fertilizers



Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Opal Z11 swivel 15° PERFORMANCE TABLE

Nozzle color	P (bar)	Q (l/h)	D (m)	Spacing (m)				
				6x6	7x7	8x8	9x9	10x10
2.2 Orange	1.5	230	16	6.4	4.7	3.6		
	2.0	265	16	7.4	5.4	4.1		
	2.5	295	16	8.2	6.0	4.6		
	3.0	325	16	9.0	6.6	5.1		
2.4 Purple	1.5	270	16	7.5	5.5	4.2		
	2.0	315	16	8.8	6.4	4.9	3.9	
	2.5	350	16	9.7	7.1	5.5	4.3	
	3.0	380	16	10.6	7.8	5.9	4.7	
2.6 Yellow	1.5	320	16	8.9	6.5	5.0	4.0	3.2
	2.0	370	16	10.3	7.6	5.8	4.6	3.7
	2.5	415	16	11.5	8.5	6.5	5.1	4.2
	3.0	455	15	12.6	9.3	7.1	5.6	4.6

Opal Z12 swivel 24° PERFORMANCE TABLE

Nozzle color	P (bar)	Q (l/h)	D (m)	Spacing (m)				
				6x6	7x7	8x8	9x9	10x10
2.2 Orange	1.5	230	15	6.4	4.7	3.6		
	2.0	265	17	7.4	5.4	4.1		
	2.5	295	17	8.2	6.0	4.6		
	3.0	325	16	9.0	6.6	5.1		
2.4 Purple	1.5	270	16	7.5	5.5	4.2	3.3	2.7
	2.0	315	17	8.8	6.4	4.9	3.9	3.2
	2.5	350	16	9.7	7.1	5.5	4.3	3.5
	3.0	380	16	10.6	7.8	5.9	4.7	3.8
2.6 Yellow	1.5	320	15	8.9	6.5	5.0	4.0	3.2
	2.0	370	16	10.3	7.6	5.8	4.6	3.7
	2.5	415	16	11.5	8.5	6.5	5.1	4.2
	3.0	455	16	12.6	9.3	7.1	5.6	4.6

Color code - Distribution uniformity	CU > 92%	CU 88-92%	CU 85-88%	CU < 85%
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* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing