

Electrical Data

Drawing Number: 00869-R1

alphaledTM
part of the lumenpulse
GROUP



9mm LES

Xicato 9mm & 19mm LES XTMs modules.

Standard Series • **Vibrant Series V80** •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	••	•	•	80+	250	5.3	6.7
700lm		•	••	•	•	80+	350	7.4	9.0
1000lm		•	••	•	•	80+	500	10.9	12.9
1300lm		•	••	•	•	80+	700	15.6	18.5
2000lm		•	••	•	•	80+	1050	30.2	33.3

Designer Series •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	•	•	•	90+	250	5.1	6.7
700lm		•	•	•	•	90+	350	7.4	9.0
1000lm		•	•	•	•	90+	500	10.9	12.9
1300lm		•	•	•	•	90+	700	15.6	18.5
2000lm		•	•	•	•	90+	1050	30.2	33.3

Artist Series • **Vibrant Series V98** •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	•	•	•	98	350	7.4	9.0
500lm	•					98	350	9.3	11.2
700lm		•	••	•	•	98	500	10.9	12.9
700lm	•					98	500	13.6	16.3
1000lm		•	••	•	•	98	700	15.6	18.4
1000lm	•					98	700	19.5	22.8
1300lm		•	••	•	•	98	1050	24.3	28.2
1300lm	•					98	1050	30.2	34.4
2000lm		•	••	•	•	98	1400	42.1	47.8

19mm LES

Standard Series •

Vibrant Series V80 •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	••	•	•	80+	250	3.1	4.4
700lm		•	••	•	•	80+	350	4.5	6.0
1000lm		•	••	•	•	80+	500	6.6	8.3
1300lm		•	••	•	•	80+	700	9.5	11.9
2000lm		•	••	•	•	80+	700	15.2	18.0
3000lm		•	••	•	•	80+	1050	25.6	29.7
4000lm		•	••	•	•	80+	1400	34.2	39.0
5000lm		•	••	•	•	80+	1400	41.9	47.5

Designer Series •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	•	•	•	90+	250	3.8	5.2
700lm		•	•	•	•	90+	350	5.4	6.8
1000lm		•	•	•	•	90+	500	7.9	9.6
1300lm		•	•	•	•	90+	700	11.4	13.6
2000lm		•	•	•	•	90+	700	17.1	20.1
3000lm		•	•	•	•	90+	1050	25.6	29.7
4500lm		•	•	•	•	90+	1400	41.9	47.5

Artist Series •

Vibrant Series V98 •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•	••	•	•	98	250	4.4	5.6
700lm		•	••	•	•	98	350	6.3	7.9
700lm	•					98	350	8.0	9.7
1000lm		•	••	•	•	98	500	9.3	11.2
1000lm	•					98	500	11.6	13.7
1300lm		•	••	•	•	98	700	13.3	16.0
1300lm	•					98	700	16.5	19.4
2000lm		•	••	•	•	98	1050	20.0	23.7
2000lm	•					98	1050	25.6	29.7
3000lm		•	••	•	•	98	1050	30.5	34.8
4000lm		•	••	•	•	98	1400	45.6	51.9

Beauty Series •

Nominal Flux	Colour Temperature (K)					CRI (Ra)	Drive Current (mA)	Module Wattage (W)	Total Circuit Wattage (W)
	2200	2700	3000	3500	4000				
500lm		•				95	250	4.4	5.6
700lm		•				95	350	6.3	7.9
1000lm		•				95	500	9.3	11.2
1300lm		•				95	700	13.3	16.0
2000lm		•				95	1050	20.0	23.7