









# LUMEN Output & ENERGY Consumption Chart Fiber Optic Luminaire Masonlite Cold cathode

No.	Colour	Ømm Lamp	Output Current (mA)	Energy Consumption (watt/meter)	Lumen output (L/m)
1	SuperWarm TF 2400K 	20	50 mA 19 kHz	14 W/m electronic	880
			80 mA 19 kHz	18 W/m electronic	1130
			60 mA 50 Hz	38 W/m magnetic	905
2	SoftWhite TF 2700K 	20	50 mA 19 kHz	14 W/m electronic	920
			80 mA 19 kHz	18 W/m electronic	1360
			60 mA 50 Hz	38 W/m magnetic	1050
3	WarmWhite TF 3000K 	20	50 mA 19 kHz	14 W/m electronic	985
			80 mA 19 kHz	18 W/m electronic	1395
			60 mA 50 Hz	38 W/m magnetic	1030
4	DayWhite TF 3500K 	20	50 mA 19 kHz	14 W/m electronic	1005
			80 mA 19 kHz	18 W/m electronic	1480
			60 mA 50 Hz	38 W/m magnetic	1130
5	NorthWhite TF 4200K 	20	50 mA 19 kHz	14 W/m electronic	970
			80 mA 19 kHz	18 W/m electronic	1320
			60 mA 50 Hz	38 W/m magnetic	1010
6	SnowWhite TF 6500K 	20	50 mA 19 kHz	14 W/m electronic	950
			80 mA 19 kHz	18 W/m electronic	1380
			60 mA 50 Hz	38 W/m magnetic	1080
7	Powder Blue 	20	50 mA 19 kHz	14 W/m electronic	530
			80 mA 19 kHz	18 W/m electronic	860
			60 mA 50 Hz	38 W/m magnetic	620
8	Brilliant Blue 	20	50 mA 19 kHz	14 W/m electronic	205
			80 mA 19 kHz	18 W/m electronic	320
			60 mA 50 Hz	38 W/m magnetic	270
9	MidNite Blue * 	20	50 mA 19 kHz	14 W/m electronic	72
			80 mA 19 kHz	18 W/m electronic	120
			60 mA 50 Hz	38 W/m magnetic	86
10	Flamingo Pink 	20	50 mA 19 kHz	20 W/m electronic	230
			80 mA 19 kHz	29 W/m electronic	315
			60 mA 50 Hz	48 W/m magnetic	255
11	Orchid Purple * 	20	50 mA 19 kHz	14 W/m electronic	25
			80 mA 19 kHz	18 W/m electronic	36
			60 mA 50 Hz	38 W/m magnetic	28
12	Violet * 	20	50 mA 19 kHz	14 W/m electronic	305
			80 mA 19 kHz	18 W/m electronic	455
			60 mA 50 Hz	38 W/m magnetic	340
13	Clear Red 	20	50 mA 19 kHz	20 W/m electronic	175
			80 mA 19 kHz	29 W/m electronic	240
			60 mA 50 Hz	48 W/m magnetic	190
14	Ruby Red * 	20	50 mA 19 kHz	14 W/m electronic	85
			80 mA 19 kHz	18 W/m electronic	105
			60 mA 50 Hz	38 W/m magnetic	94
15	Tropic Yellow 	20	50 mA 19 kHz	14 W/m electronic	690
			80 mA 19 kHz	18 W/m electronic	1050
			60 mA 50 Hz	38 W/m magnetic	740
16	Yellow Gold * 	20	50 mA 19 kHz	14 W/m electronic	520
			80 mA 19 kHz	18 W/m electronic	715
			60 mA 50 Hz	38 W/m magnetic	590
17	Brilliant Orange 	20	50 mA 19 kHz	20 W/m electronic	665
			80 mA 19 kHz	29 W/m electronic	950
			60 mA 50 Hz	48 W/m magnetic	730
18	Tangy Orange * 	20	50 mA 19 kHz	14 W/m electronic	460
			80 mA 19 kHz	18 W/m electronic	675
			60 mA 50 Hz	38 W/m magnetic	520
19	Apple Green * 	20	50 mA 19 kHz	14 W/m electronic	1140
			80 mA 19 kHz	18 W/m electronic	1450
			60 mA 50 Hz	38 W/m magnetic	1250
20	Standard Green 	20	50 mA 19 kHz	14 W/m electronic	965
			80 mA 19 kHz	18 W/m electronic	1470
			60 mA 50 Hz	38 W/m magnetic	1150
21	Emerald Green * 	20	50 mA 19 kHz	14 W/m electronic	505
			80 mA 19 kHz	18 W/m electronic	710
			60 mA 50 Hz	38 W/m magnetic	580
22	Aquamarine 	20	50 mA 19 kHz	14 W/m electronic	605
			80 mA 19 kHz	18 W/m electronic	910
			60 mA 50 Hz	38 W/m magnetic	740
23	Turquoise 	20	50 mA 19 kHz	14 W/m electronic	800
			80 mA 19 kHz	18 W/m electronic	1150
			60 mA 50 Hz	38 W/m magnetic	885

This data is not a specification, since lumen output is dependent on method of lamp manufacturing system, age and transformer/converter rating.

These are typical figures, measurements made on a large number of lamps while some are calculated.

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