

## XSM DATA SHEET-Ref 00066 v8 (last updated 14/11/11)

Part Number	Type	Colour Temperature	CRI (Ra)	Current (mA)	Forward Voltage			Power (W)	Lumen Output (lm)	Efficacy (lm/W)
					Min	Typ	Max			
<b>400 lm</b>										
XSM 400lm	B	3000K	≥80	700	7.8	8.9	9.5	6.2	400	64
				500	7.7	8.6	9.2	4.3	290	67
				350	7.6	8.5	8.9	3	220	74
<b>700lm</b>										
XSM 8027-700lm XSM 8030-700lm XSM 8040-700lm	B	2700K, 3000K, 4000K	≥80	700	13.7	17.7	19.2	12.4	700	57
				500	13.1	17.0	18.5	8.5	550	65
				350	12.7	16.5	18.0	5.8	400	69
XSM 9527-700lm XSM 9530-700lm XSM 9540-700lm	B	2700K, 3000K, 4000K	≥95	700	18.1	20.7	23.0	14.5	700	48
				500	17.7	19.8	22.3	9.9	550	56
				350	17.1	19.1	21.8	6.7	400	60
<b>1000lm</b>										
XSM 8027-1000lm XSM 8030-1000lm XSM 8040-1000lm	B	2700K, 3000K, 4000K	≥80	700	22	26.2	29	18.3	1000	55
				500	21.2	25.2	28	12.6	800	64
				350	20.5	24.4	27.2	8.5	580	68
XSM 9527-1000lm XSM 9530-1000lm XSM 9540-1000lm	B	2700K, 3000K, 4000K	≥95	700	28.9	34.5	38.2	22.1	1000	41
				500	28.2	33.5	37.1	15.4	800	48
				350	27.6	32.8	36.2	10.5	580	51
<b>1300lm</b>										
XSM 8030-1300lm XSM 8030-1300lm XSM 8040-1300lm	B	2700K, 3000K, 4000K	≥80	1000	16.4	21.4	23	21.4	1300	61
				700	16	20.9	22	14.6	1000	68
				500	15.3	20.5	21.4	10.3	720	70
				350	15.1	20.2	21	7	550	78
<b>2000lm</b>										
XSM 8030-2000lm XSM 8030-2000lm XSM 8040-2000lm	B	2700K, 3000K, 4000K	≥80	1000	30.4	36.3	39.3	36.3	2000	55
				700	28.9	35.5	37.5	24.8	1500	60
				500	28.3	34.8	36.5	17.4	1100	63
				350	28	34.2	35.7	12	800	67

## XLM Data Sheet

Part Number	Type	Colour Temperature	CRI (Ra)	Current (mA)	Forward Voltage			Power (W)	Lumen Output (lm)	Efficacy (lm/W)	
					Min	Typ	Max				
<b>3000lm</b>											
XLM 8030-3000lm XLM 8035-3000lm XLM 8040-3000lm	B	3000K, 3500K, 4000K	≥80	1000	37.3	41.6	46.3	41.6	3000	72	
				700	36	40.3	44.8	28.2	2250	80	
				500	34.9	39.2	43.6	19.6	1700	88	
				350	34.1	38.4	42.7	13.4	1250	93	
<b>XLM - Individual LED Bank Figures</b>											
								<b>Forward Voltage</b>			<b>Power</b>
								<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>(W)</b>
								18.65	20.8	23.2	20.8
								18	20.2	22.4	14.1
								17.45	19.6	21.8	9.8
								17.05	19.2	21.4	6.7

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Part Number	Type	Colour Temperature	CRI (Ra)	Current (mA)	Forward Voltage			Power (W)	Lumen Output (lm)	Efficacy (lm/W)	
					Min	Typ	Max				
<b>4000lm (Available from Jan 2012)</b>											
XLM 8030-4000lm XLM 8035-4000lm XLM 8040-4000lm	B	3000K, 3500K, 4000K	≥80	1000	53.4	59.5	65.9	59.5	4000	67	
				700	51	57.6	64.5	40.3	3000	74	
				500	49.9	56.4	63.2	28.2	2250	80	
				350	48.3	54.9	61.5	19.2	1650	86	
<b>XLM - Individual LED Bank Figures</b>											
								<b>Forward Voltage</b>			<b>Power</b>
								<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>(W)</b>
								26.7	29.75	33.0	29.75
								25.5	28.8	32.3	20.15
								24.95	28.2	31.6	14.1
								24.15	27.45	30.8	9.6