

Model	Colour Temperature (select)	Number of LEDs	Drive Current (mA)																	Average Efficacy (lm/W)		
			200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000		1050	
160	4000K	6	lm	-	-	578	-	-	-	918	-	-	-	1218	-	-	-	-	-	-	-	93
			W	-	-	5	-	-	-	11	-	-	-	15	-	-	-	-	-	-	-	
			lm/W	-	-	116	-	-	-	83	-	-	-	81	-	-	-	-	-	-	-	
200		8	lm	-	-	1003	-	-	-	1592	-	-	-	2111	-	-	-	-	-	-	-	108
			W	-	-	9	-	-	-	15	-	-	-	20	-	-	-	-	-	-	-	
			lm/W	-	-	111	-	-	-	106	-	-	-	106	-	-	-	-	-	-	-	
Average Efficacy (lm/W)			-	-	114	-	-	-	95	-	-	-	93	-	-	-	-	-	-	-	-	

3000K and 2700K lumen outputs are calculated by applying an LOR to published 4000K data.  
Check values against photometry file for actual lumen output.

Symmetric optic data.

2700K not available in Kirium Bollard 200.

Maximum Efficacy (lm/W)	116
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Light Output Reduction Factors	4000K	1.00
	3000K	0.91
	2700K	0.80