

Kirium Flood performance matrix

4000K																					
Model	LEDs		Drive Current (mA)																	Average Efficacy (lm/W)	
			250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050		
Kirium Flood 2	16	lm	3,570	4,219	4,848	5,457	6,047	6,618	7,169	7,701	8,214	8,707	9,181	9,637	10,073	10,491	10,890	11,270	11,631	187	
		W	19	21	24	27	30	33	36	40	43	46	50	53	57	60	64	67	71		
		lm/W	188	201	202	202	202	201	199	193	191	189	184	182	177	175	170	168	164		
	32	lm	4,766	5,632	6,472	7,286	8,074	8,835	9,571	10,281	10,966	11,624	12,258	12,866	13,448	14,006	14,538	15,045	15,528	193	
		W	24	28	31	35	39	43	47	51	56	60	65	69	74	78	83	87	92		
		lm/W	199	201	209	208	207	205	204	202	196	194	189	186	182	180	175	173	169		
Kirium Flood 3	48	lm	7,201	8,510	9,779	11,009	12,199	13,350	14,462	15,535	16,569	17,565	18,522	19,440	20,320	21,163	21,967	22,734	23,463	197	
		W	36	41	46	52	57	63	69	76	82	89	96	102	109	116	122	129	135		
		lm/W	200	208	213	212	214	212	210	204	202	197	193	191	186	182	180	176	174		
	64	lm	9,510	11,238	12,915	14,539	16,110	17,630	19,099	20,516	21,881	23,196	24,459	25,672	26,835	27,947	29,010	30,022	30,985	193	
		W	49	55	62	69	77	85	93	102	111	120	129	138	147	156	165	174	182		
		lm/W	194	204	208	211	209	207	205	201	197	193	190	186	183	179	176	173	170		

3000K																				
Model	LEDs		Drive Current (mA)																	Average Efficacy (lm/W)
			250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	
Kirium Flood 2	24	lm	3,427	4,050	4,654	5,239	5,806	6,353	6,883	7,393	7,885	8,359	8,814	9,252	9,670	10,071	10,454	10,819	11,166	180
		W	19	21	24	27	30	33	36	40	43	46	50	53	57	60	64	67	71	
		lm/W	180	193	194	194	194	193	191	185	183	182	176	175	170	168	163	161	157	
	32	lm	4,575	5,407	6,213	6,995	7,751	8,482	9,188	9,870	10,527	11,160	11,768	12,351	12,910	13,446	13,957	14,444	14,907	185
		W	24	28	31	35	39	43	47	51	56	60	65	69	74	78	83	87	92	
		lm/W	191	193	200	200	199	197	195	194	188	186	181	179	174	172	168	166	162	
Kirium Flood 3	48	lm	6,913	8,170	9,388	10,569	11,712	12,817	13,884	14,914	15,907	16,862	17,781	18,663	19,508	20,317	21,089	21,825	22,525	189
		W	36	41	46	52	57	63	69	76	82	89	96	102	109	116	122	129	135	
		lm/W	192	199	204	203	205	203	201	196	194	189	185	183	179	175	173	169	167	
	64	lm	9,129	10,789	12,398	13,957	15,466	16,925	18,335	19,695	21,006	22,268	23,481	24,646	25,762	26,830	27,850	28,822	29,746	186
		W	49	55	62	69	77	85	93	102	111	120	129	138	147	156	165	174	182	
		lm/W	186	196	200	202	201	199	197	193	189	186	182	179	175	172	169	166	163	

2700K																				
Model	LEDs		Drive Current (mA)																	Average Efficacy (lm/W)
			250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	
Kirium Flood 2	24	lm	3,320	3,923	4,509	5,075	5,624	6,155	6,667	7,162	7,639	8,098	8,539	8,962	9,368	9,757	10,127	10,481	10,817	174
		W	19	21	24	27	30	33	36	40	43	46	50	53	57	60	64	67	71	
		lm/W	175	187	188	188	187	187	185	179	178	176	171	169	164	163	158	156	152	
	32	lm	4,432	5,238	6,019	6,776	7,509	8,217	8,901	9,562	10,198	10,811	11,400	11,965	12,507	13,025	13,520	13,992	14,441	179
		W	24	28	31	35	39	43	47	51	56	60	65	69	74	78	83	87	92	
		lm/W	185	187	194	194	193	191	189	187	182	180	175	173	169	167	163	161	157	
Kirium Flood 3	48	lm	6,697	7,915	9,095	10,239	11,346	12,416	13,450	14,448	15,410	16,335	17,225	18,080	18,898	19,682	20,430	21,143	21,821	183
		W	36	41	46	52	57	63	69	76	82	89	96	102	109	116	122	129	135	
		lm/W	186	193	198	197	199	197	195	190	188	184	179	177	173	170	167	164	162	
	64	lm	8,844	10,452	12,011	13,521	14,983	16,396	17,762	19,080	20,349	21,572	22,747	23,875	24,957	25,991	26,979	27,921	28,816	180
		W	49	55	62	69	77	85	93	102	111	120	129	138	147	156	165	174	182	
		lm/W	180	190	194	196	195	193	191	187	183	180	176	173	170	167	164	160	158	

Max. Efficacy (lm/W)	214	Data based B1 optic and no Light Output Reduction (LOR) factor applied. Data provided as indication of performance. Please refer to photometric files for individual optic results.
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