

Performance CoB Product Performance Matrix

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		
Generic	2700K	1	lm	-	-	-	-	2750	3099	3441	3774	4100	4421	4735	5043	5345	5641	5933	6220	6503	-	123
		W	-	-	-	-	22	25	27	30	33	35	38	41	44	47	49	52	55	-		
		lm/W	-	-	-	-	125	124	127	126	124	126	125	123	121	120	121	120	118	-		
	Average Efficacy (lm/W)			-	-	-	-	125	124	127	126	124	126	125	123	121	120	121	120	118	-	
	3000K	1	lm	-	-	-	-	3138	3536	3926	4307	4679	5045	5402	5754	6098	6436	6769	7097	7420	-	141
		W	-	-	-	-	22	25	27	30	33	35	38	41	44	47	49	52	55	-		
		lm/W	-	-	-	-	143	141	145	144	142	144	142	140	139	137	138	136	135	-		
	Average Efficacy (lm/W)			-	-	-	-	143	141	145	144	142	144	142	140	139	137	138	136	135	-	
	4000K	1	lm	-	-	-	-	3526	3973	4411	4839	5257	5668	6070	6465	6852	7232	7606	7974	8337	-	158
		W	-	-	-	-	22	25	27	30	33	35	38	41	44	47	49	52	55	-		
lm/W		-	-	-	-	160	159	163	161	159	162	160	158	156	154	155	153	152	-			
Average Efficacy (lm/W)			-	-	-	-	160	159	163	161	159	162	160	158	156	154	155	153	152	-		

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

AC1 optic data.

Maximum Efficacy (lm/W) 163

Light Output Reduction Factors	4000	1.00
	3000	0.89
	2700	0.78