PrevaLED® Core G7 driver matching overview

Please note: All information in this overview has been prepared with great care. OSRAM, however, does not accept liability for possible errors, changes and/or omissions. Please check www.osram.com or contact your sales partner for an updated copy of this overview. This overview is for information purposes only and aims to support you in tackling the challenges and taking full advantage of all opportunities the technology has to offer. Please note that this overview is based on own measurements, calculations, tests, specific parameters and assumptions. Individual applications may not be covered and need different handling. Responsibility and testing obligations remain with the luminaire manufacturer/OEM/application planner.

Product name PrevaLED® Core G7	EAN	Rated current [mA] at t_P = 65 °C	Voltage [V] at rated current	Power [W] at rated current	DALI – SELV				OT FIT LT2 – SELV & LP			OT FIT CS G2 – SELV (DIP switch)												OT ECO – SELV																					ELEMENT – SELV						
					OTi DALI 15/220…240/1A4 LT2	OTi DALI 25/220…240/700 LT2	OTi DALI 35/220…240/1A0 LT2	OTi DALI 50/220…240/1A4 LT2 FAN	OT FIT 15/220…240/500 LT2 S/LP	OT FIT 25/220…240/700 LT2 S/LP	OT FIT 40/220…240/1A0 LT2 S/LP	OT FIT 20/220…240/500 CS G2				OT FIT 30/220…240/700 CS G2				OT FIT 40/220…240/1A0 CS G2				OTe 25/220…240/420 CS			OTe 25/220…240/700 CS			OTe 35/220…240/700 CS/S			OTe 35/220…240/1A0 CS/S			OTe 50/220…240/1A0 CS			OTe 50/220…240/1A4 CS			OTe 50/220…240/1A0 CS FAN			Element LD 8/220…240/180	Element LD 15/220…240/350	Element LD 20/220…240/500	Element LD 30/220…240/700	Element LD 38/220…240/900	Element LD 45/220…240/1A0	Element LD 60/220…240/1A4
					Luminous flux depends on set current				Luminous flux depends on set current			Luminous flux [lm] according to current [mA] as follows												Luminous flux [lm] according to current [mA] as follows																					Luminous flux [lm] according to current [mA] as follows						
												250	350	450	500	500	600	650	700	800	900	950	1050	290	350	420	500	600	700	500	600	700	800	925	1050	800	925	1050	1150	1250	1400	700	900	1050	180	350	500	700	900	1050	1400
PL-CORE-G7 1000-827 L10 H1	4052899533929	206	35.3	7.3	x				x			1195	1603											1363	1603																				883						
PL-CORE-G7 1000-830 L10 H1	4052899533943	195	35.1	6.8	x				x			1256	1685											1432	1685																				929						
PL-CORE-G7 1000-835 L10 H1	4052899533967	189	35.0	6.6	x				x			1294	1737											1477	1737																				957						
PL-CORE-G7 1000-840 L10 H1	4052899533981	184	34.9	6.4	x				x			1325	1778											1511	1778																				980						
PL-CORE-G7 1000-927 L10 H1	4052899534001	245	36.0	8.8	x	x			x			1017	1365											1160	1365																					1365					
PL-CORE-G7 1000-930 L10 H1	4052899534049	233	35.8	8.3	x	x			x			1066	1431											1216	1431																					1431					
PL-CORE-G7 1000-935 L10 H1	4052899534063	224	35.6	8.0	x	x			x			1103	1481											1259	1481																					1481					
PL-CORE-G7 1000-940 L10 H1	4052899534100	219	35.6	7.8	x	x			x			1126	1511											1284	1511																					1511					
PL-CORE-G7 2000-827 L10 H1	4052899534124	431	35.4	15.3	x	x			x	x		1189	1645	2081	2291	2291	2697	2892	3082						1645	1973	2291	2697	3082	2291	2697	3082															2291				
PL-CORE-G7 2000-830 L10 H1	4052899534148	408	35.2	14.4	x	x			x	x		1251	1731	2190	2411	2411	2838	3043	3244						1731	2077	2411	2838	3244	2411	2838	3244															2411				
PL-CORE-G7 2000-835 L10 H1	4052899534186	395	35.1	13.9	x	x			x	x		1290	1784	2257	2485	2485	2925	3137	3343						1784	2140	2485	2925	3343	2485	2925	3343															2485				
PL-CORE-G7 2000-840 L10 H1	4052899534209	387	35.1	13.6	x	x			x	x		1315	1819	2301	2533	2533	2982	3198	3408						1819	2181	2533	2982	3408	2533	2982	3408															2533				
PL-CORE-G7 2000-927 L10 H1	4052899534223	512	36.1	18.5		x	x			x	x	1016	1405	1778	1958	1958	2304	2471	2633						1405	1685	1958	2304	2633	1958	2304	2633															1958	2633			
PL-CORE-G7 2000-930 L10 H1	4052899534247	486	35.9	17.4		x	x			x	x	1065	1473	1864	2052	2052	2415	2590	2760						1473	1767	2052	2415	2760	2052	2415	2760															2052	2760			
PL-CORE-G7 2000-935 L10 H1	4052899534261	468	35.8	16.7	x	x	x			x	x	1102	1525	1929	2124	2124	2500	2681	2858						1525	1829	2124	2500	2858	2124	2500	2858															2124	2858			
PL-CORE-G7 2000-940 L10 H1	4052899534285	458	35.7	16.3	x	x	x			x	x	1124	1556	1968	2167	2167	2550	2735	2915						1556	1866	2167	2550	2915	2167	2550	2915															2167	2915			
PL-CORE-G7 2000-827 L15 H1	4052899534308	393	34.4	13.5	x	x			x	x		1312	1769	2262	2487	2487	2922	3132	3338						1769	2126	2487	2922	3338	2487	2922	3338														1769	2487				
PL-CORE-G7 2000-830 L15 H1	4052899534322	370	34.2	12.7	x	x			x	x		1386	1898	2390	2628	2628	3088	3310	3527						1898	2247	2628	3088	3527	2628	3088	3527														1898	2628				
PL-CORE-G7 2000-835 L15 H1	4052899534346	364	34.2	12.4	x	x			x	x		1408	1928	2427	2669	2669	3136	3362	3583						1928	2282	2669	3136	3583	2669	3136	3583														1928	2669				
PL-CORE-G7 2000-840 L15 H1	4052899534360	349	34.1	11.9	x	x			x	x		1463	2004	2522	2774	2774	3259	3494	3723						2004	2371	2774	3259	3723	2774	3259	3723														2004	2774				
PL-CORE-G7 2000-927 L15 H1	4052899534384	465	34.9	16.2	x	x	x		x	x	x		1541	1940	2133	2133	2507	2687	2863						1541	1824	2133	2507	2863	2133	2507	2863	3203														2133	2863			
PL-CORE-G7 2000-930 L15 H1	4052899534407	437	34.7	15.2	x	x	x		x	x	x		1633	2055	2260	2260	2656	2847	3033						1633	1923	2260	2656	3033	2260	2656	3033	3393														2260	3033			
PL-CORE-G7 2000-935 L15 H1	4052899534421	465	34.9	16.2	x	x	x		x	x	x		1543	1943	2137	2137	2511	2691	2868						1543	1827	2137	2511	2868	2137	2511	2868	3208														2137	2868			
PL-CORE-G7 2000-940 L15 H1	4052899534445	438	34.7	15.2	x	x	x		x	x	x		1627	2048	2252	2252	2647	2837	3023						1627	1925	2252	2647	3023	2252	2647	3023	3382														2252	3023			
PL-CORE-G7 3000-827 L15 H1	4052899534469	608	35.2	21.4		x	x			x	x					2510	2965	3188	3407	3836	4251	4454	4849				2510	2965	3407	2510	2965	3407	3836	4352	4849												2510	3407	4251		
PL-CORE-G7 3000-830 L15 H1	4052899534483	580	35.1	20.3		x	x			x	x					2619	3095	3327	3556	4003	4437	4648	5061				2619	3095	3556	2619	3095	3556	4003	4543	5061												2619	3556	4437		
PL-CORE-G7 3000-835 L15 H1	4052899534506	594	35.2	20.9		x	x			x	x					2561	3025	3252	3476	3914	4337	4544	4947				2561	3025	3476	2561	3025	3476	3914	4440	4947												2561	3476	4337		
PL-CORE-G7 3000-840 L15 H1	4052899534520	542	34.8	18.9		x	x			x	x					2784	3289	3536	3780	4255	4716	4941	5379				2784	3289	3780	2784	3289	3780	4255	4828	5379												2784	3780	4716		
PL-CORE-G7 3000-927 L15 H1	4052899534544	749	36.1	27.0			x	x			x					2083	2461	2646	2828	3184	3529	3697	4025							2083	2461	2828	3184	3613	4025	2828	3613	4025				2828	3529	4025				2828	3529		
PL-CORE-G7 3000-930 L15 H1	4052899534568	711	35.9	25.5		x	x	x			x					2179	2575	2768	2959	3331	3692	3868	4211							2179	2575	2959	3331	3779	4211	2959	3779	4211				2959	3692	4211				2959	3692		
PL-CORE-G7 3000-935 L15 H1	4052899534582	682	35.7	24.3		x	x	x		x	x					2262	2673	2873	3071	3457	3832	4014	4371				2262	2673	3071	2262	2673	3071	3457	3923	4371	3071	3923	4371				3071	3832	4371				3071	3832		
PL-CORE-G7 3000-940 L15 H1	4052899534605	666	35.6	23.7		x	x	x		x	x					2311	2730	2935	3137	3532	3914	4101	4465				2311	2730	3137	2311	2730	3137	3532	4007	4465	3137	4007	4465				3137	3914	4465				3137	3914		
PL-CORE-G7 5000-827 L15 H1	4052899534629	1120	36.7	41.1				x															4722															4722	5100	5450	6000			4722						4722	
PL-CORE-G7 5000-830 L15 H1	4052899534643	999	36.1	36.1				x			x												5228															5228	5680	6100	6700			5228						5228	
PL-CORE-G7 5000-835 L15 H1	4052899534667	1038	36.3	37.7				x			x												5052															5052	5490	5900	6450			5052						5052	
PL-CORE-G7 5000-840 L15 H1	4052899534681	947	35.9	34.0				x			x												5489															5489	5960	6400	7000			5489						5489	
PL-CORE-G7 5000-927 L15 H1	4052899534704	1260	37.3	47.0				x															4257															4257	4600	4920	5400			4257						4257	5400
PL-CORE-G7 5000-930 L15 H1	4052899534728	1247	37.2	46.4				x															4295															4295	4650	4985	5490			4295						4295	5490
PL-CORE-G7 5000-935 L15 H1	4052899534742	1221	37.1	45.3				x															4377															4377	4730	5065	5575			4377						4377	5575
PL-CORE-G7 5000-940 L15 H1	4052899534766	1192	37.0	44.1				x															4467															4467	4830	5180	5670			4467						4467	5670

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Note: Tolerance for optical and electrical data: +/-10 %

Light is OSRAM