



**POLAM-ELTA Sp. z o.o.**

LED DIODES  
LED CONTROL LAMPS  
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## STANDARD DIODES (CQL-0XX)

Nr	Type	Wave length	Lens colour	Luminosity [mcd] min - max	Angle of luminosity [degrees]	UF [V]	IF [mA] feed current
1.	CQL-036 (G)	525-530	Difussive green		80	3,00-3,3	20
2.	CQL-026 (G)	525-530	Clear green		60	3,00-3,3	20
3.	CQL-035 (Y)	590	Difussive yellow		80	2,00-2,1	20
4.	CQL-035 S1 (Y)	590	Difussive yellow		80	2,00-2,1	20
5.	CQL-035 S2 (Y)	590	Difussive yellow		80	2,00-2,1	20
6.	CQL-025 (Y)	590	Clear yellow		60	2,00-2,1	20
7.	CQL-025 S1 (Y)	590	Clear yellow		60	2,00-2,1	20
8.	CQL-025 S2 (Y)	590	Clear yellow		60	2,00-2,1	20
9.	CQL-033 ( R )	635	Difussive red		80	1,8-1,9	20
10.	CQL-033 S1 ( R )	635	Difussive red		80	2,1-2,2	20
11.	CQL-033 S2 ( R )	635	Difussive red		80	2,1-2,2	20
12.	CQL-023 ( R )	635	Clear red		60	1,8-1,9	20
13.	CQL-023 S1 ( R )	635	Clear red		60	2,1-2,2	20
14.	CQL-023 S2 ( R )	635	Clear red		60	2,1-2,2	20
15.	CQL-031 (O)	610	Difussive orange		80	1,9-2,00	20
16.	CQL-021 (O)	610	Clear orange		60	1,9-2,00	20
17.	CQL-034 (B)	470	Difussive blue		80	3,00-3,3	20
18.	CQL-024 (B)	470	Clear blue		60	3,00-3,3	20
19.	CQL-017/WA (RG)	635 525-530	Difussive white		80	2,00-2,1 3,00-3,3	20
20.	CQL-017/WK (RG)	635 525-530	Difussive white		80	1,8-1,9 3,00-3,3	20
21.	CQL-018/WA (RY)	635 590	Difussive white		80	2,00-2,1 2,00-2,1	20
22.	CQL-018/WK (RY)	635 590	Difussive white		80	1,8-1,9 2,00-2,1	20
23.	CQL-019/WA (GY)	525-530 590	Difussive white		80	3,00-3,3 2,00-2,1	20
24.	CQL-019H/WK (GY)	525-530 590	Difussive white		80	3,00-3,3 2,00-2,1	20
25.	CQL-010/WA (RGY)	635 525-530 590	Difussive white		80	2,00-2,1 3,00-3,3 2,00-2,1	20
26.	CQL-010/WK (RGY)	635 525-530 590	Difussive white		80	1,8-1,9 3,00-3,3 2,00-2,1	20
27.	CQL-010/WA (RGB)	635 525-530 470	Difussive white		80	2,00-2,1 3,00-3,3 3,00-3,3	20
28.	CQL-010/WK (RGB)	635 525-530 470	Difussive white		80	1,8-1,9 3,00-3,3 3,00-3,3	20

**NB: There is a possibility to produce two- and three-colour diodes in all possible colour combinations of emitting light:**

red  $\lambda$  = 630-635 nm

green  $\lambda$  = 525-530 nm

yellow  $\lambda$  = 590 nm

orange  $\lambda$  = 610 nm

blue  $\lambda$  = 470 nm

and **COMMON ANODE** or **COMMON CATHODE** versions