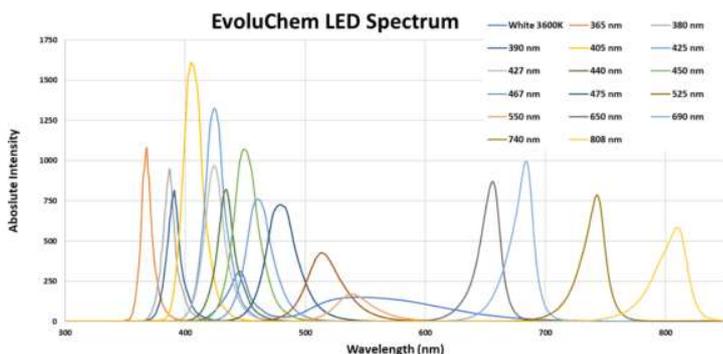


LEDs designed specifically for photo-catalytic chemistry applications

The EvoluChem™ LED spotlights fit the PhotoRedOx Box™ and they are designed to irradiate all samples with maximum efficiency. The LED chips are selected for specific wavelengths of 365 nm, 380 nm, 390 nm, 405 nm, 425 nm, 427 nm, 440 nm, 450 nm, 467 nm, 475 nm, 525 nm, 550 nm, 595 nm, 650 nm, 690 nm, 740 nm, 808 nm and 6200K white.



Non-Dimmable or Dimmable LEDs

Each LED is sold separately from the power plug of US Type A (HCK1006-01-034), EU Type C (HCK1006-02-034) or UK Type G (HCK1006-03-034)

We are introducing a new dimmable version of our PF LED series (15W-18W). The format of the dimmable version is identical to the non-dimmable LED. However, we will have 2 types of dimmable LED 110V and 220V rated LEDs.

Previously non-dimmable LEDs were sold with country specific power cord, HCK1012-01-XXX for US, HCK1012-02-XXX for EU and HCK1012-03-XXX for UK.

In 2025, we will sell the power cord separately, non-dimmable LEDs will be sold only under the HCK1012-01-XXX reference (110V-220V).

Dimmable LEDs will be sold under 2 references, HCK1012-04-XXX (110V) and HCK1012-05-XXX (220V) (for use with the Photoredox box UV-Vis) or individually with an external dimmer)

Power cords will be sold under 3 references HCK1006-01-034 for US, HCK1006-02-034 for EU and HCK1006-03-034 for UK.

		 power cord for PF LED light		
		US Plug HCK1006-01-034	EU Plug HCK1006-02-034	UK Plug HCK1006-03-034
	None-Dimmable PF LED 100V-240V HCK1012-01-XXX	✓	✓	✓
	Dimmable PF LED 110V HCK1012-04-XXX	✓		
	Dimmable PF LED 220V HCK1012-05-XXX		✓	✓

**EvoluChem non-dimmable and dimmable LED for
PhotoRedOx boxes Single, Duo, TC and UV-Vis Photoreactor**

Wavelength	Name	Non-Dimmable	Dimmable 110V	Dimmable 220V
365 nm	EvoluChem LED 365PF	HCK1012-01-029	HCK1012-04-029	HCK1012-05-029
380 nm	EvoluChem LED 380PF	HCK1012-01-013	HCK1012-04-013	HCK1012-05-013
390 nm	EvoluChem LED 390PF	HCK1012-01-018	HCK1012-04-018	HCK1012-05-018
405 nm	EvoluChem LED 405PF	HCK1012-01-010	HCK1012-04-010	HCK1012-05-010
425 nm	EvoluChem LED 425PF	HCK1012-01-012	HCK1012-04-012	HCK1012-05-012
427 nm	EvoluChem LED 427PF	HCK1012-01-020	HCK1012-04-020	HCK1012-05-020
440 nm	EvoluChem LED 440PF	HCK1012-01-021	HCK1012-04-021	HCK1012-05-021
450 nm	EvoluChem LED 450PF	HCK1012-01-002	HCK1012-04-002	HCK1012-05-002
467 nm	EvoluChem LED 467PF	HCK1012-01-022	HCK1012-04-022	HCK1012-05-022
475 nm	EvoluChem LED 475PF	HCK1012-01-003	HCK1012-04-003	HCK1012-05-003
505 nm	EvoluChem LED 505PF	HCK1012-01-028	HCK1012-04-028	HCK1012-05-028
525 nm	EvoluChem LED 525PF	HCK1012-01-004	HCK1012-04-004	HCK1012-05-004
550 nm	EvoluChem LED 550PF	HCK1012-01-023	HCK1012-04-023	HCK1012-05-023
595 nm	EvoluChem LED 595PF	HCK1012-01-030	HCK1012-04-030	HCK1012-05-030
6200K white	EvoluChem LED 6200K PF	HCK1012-01-005	HCK1012-04-005	HCK1012-05-005
650 nm	EvoluChem LED 650PF	HCK1012-01-014	HCK1012-04-014	HCK1012-05-014
690 nm	EvoluChem LED 690PF	HCK1012-01-024	HCK1012-04-024	HCK1012-05-024
740 nm	EvoluChem LED 740PF	HCK1012-01-015	HCK1012-04-015	HCK1012-05-015
808 nm	EvoluChem LED 808PF	HCK1012-01-025	HCK1012-04-025	HCK1012-05-025

**EvoluChem UV Dimmable LED for PhotoRedOx UV-Vis Photoreactor
254 nm to 340 nm**

Not compatible with other PhotoRedOx Boxes and Lucent360

Wavelength	Name	Dimmable 110V	Dimmable 220V
254 nm	EvoluChem LED 254PF	HCK1012-04-016	HCK1012-05-016
275 nm	EvoluChem LED 275PF	HCK1012-04-026	HCK1012-05-026
300 nm	EvoluChem LED 300PF	HCK1012-04-017	HCK1012-05-017
310 nm	EvoluChem LED 310PF	HCK1012-04-027	HCK1012-05-027
340 nm	EvoluChem LED 340PF	HCK1012-04-019	HCK1012-05-019