

LEDVANCE LED DIMMABLE FILAMENT PFM



Highlights:

- Truwave LED mimics the natural light spectrum which can offer more natural and comfortable light
- Truwave technology delivers less intense blue light for reduced eye strain
- Low energy consumption
- Energy saving $\geq 88\%$
- Resist to dust and moisture
- Full glass design similar to traditional lamp
- Reliable product quality

Applications:

- Decorative applications
- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires
- Operating temperature & humidity conditions (-20°C up to $+40^{\circ}\text{C}$, at max. 95% relative humidity)

Advancing Light

LEDVANCE is one of the World's leaders in general lighting for lighting professionals as well as end users



A broad variety of LED luminaires



Advanced LED lamps



Intelligent, networked Smart Home & Smart Building solutions



Traditional light sources





PRODUCT INFORMATION

Item name	Product number (EAN)	W ¹		lm ¹	K	R _a	 ²		 [mm]	 d [mm]	 ³ t [h]	Lamp Image ⁴
CLA 60												
CLA60 FIL	4058075745476	7	E27	806	2700	80	YES	300	106	60	15000	1
CLA60 FIL	4058075745575	7	B22	806	2700	80	YES	300	104	60	15000	2
CLA60 FIL	4058075745674	7	E27	806	4000	80	YES	300	106	60	15000	1
CLA60 FIL	4058075745797	7	B22	806	4000	80	YES	300	104	60	15000	2
CLA60 FIL	4058075745872	7	E27	806	6500	80	YES	300	106	60	15000	1
CLA60 FIL	4058075745957	7	B22	806	6500	80	YES	300	104	60	15000	2
CLA60 GLFR	4058075746015	7	E27	806	2700	80	YES	300	106	60	15000	3
CLA60 GLFR	4058075746107	7	B22	806	2700	80	YES	300	104	60	15000	4
CLA60 GLFR	4058075746183	7	E27	806	4000	80	YES	300	106	60	15000	3
CLA60 GLFR	4058075746251	7	B22	806	4000	80	YES	300	104	60	15000	4
CLA60 GLFR	4058075746503	7	E27	806	6500	80	YES	300	106	60	15000	3
CLA60 GLFR	4058075746527	7	B22	806	6500	80	YES	300	104	60	15000	4
CLA 75												
CLA75 FIL	4099854013317	7.5	E27	1055	2700	80	YES	300	106	60	15000	1
CLA75 GLFR	4099854013331	7.5	E27	1055	2700	80	YES	300	106	60	15000	3



PRODUCT INFORMATION

Item name	Product number (EAN)	W ¹		lm ¹	K	R _a	 ²		 l [mm]	 d [mm]	 ³ t [h]	Lamp Image ⁴
CLB 40												
CLB40 FIL	4058075745087	4	E14	470	2700	80	YES	300	98	35	15000	1
CLB40 FIL	4058075745100	4	E27	470	2700	80	YES	300	92	35	15000	2
CLB40 FIL	4058075745148	4	B15	470	2700	80	YES	300	96	35	15000	3
CLB40 FIL	4058075745292	4	B22	470	2700	80	YES	300	90	35	15000	4
CLB40 FIL	4058075745339	4	E14	470	4000	80	YES	300	98	35	15000	1
CLB40 FIL	4058075745377	4	E27	470	4000	80	YES	300	92	35	15000	2
CLB40 FIL	4058075745414	4	B15	470	4000	80	YES	300	96	35	15000	3
CLB40 FIL	4058075745490	4	B22	470	4000	80	YES	300	90	35	15000	4
CLB40 FIL	4058075745537	4	E14	470	6500	80	YES	300	98	35	15000	1
CLB40 FIL	4058075745551	4	E27	470	6500	80	YES	300	92	35	15000	2
CLB40 FIL	4058075745599	4	B15	470	6500	80	YES	300	96	35	15000	3
CLB40 FIL	4058075745636	4	B22	470	6500	80	YES	300	90	35	15000	4
CLB40 GLFR	4058075745735	4	E14	470	2700	80	YES	300	98	35	15000	5
CLB40 GLFR	4058075745773	4	E27	470	2700	80	YES	300	92	35	15000	6
CLB40 GLFR	4058075745834	4	B15	470	2700	80	YES	300	96	35	15000	7
CLB40 GLFR	4058075745896	4	B22	470	2700	80	YES	300	90	35	15000	8
CLB40 GLFR	4058075745933	4	E14	470	4000	80	YES	300	98	35	15000	5
CLB40 GLFR	4058075745995	4	E27	470	4000	80	YES	300	92	35	15000	6
CLB40 GLFR	4058075746053	4	B15	470	4000	80	YES	300	96	35	15000	7
CLB40 GLFR	4058075746084	4	B22	470	4000	80	YES	300	90	35	15000	8
CLB40 GLFR	4058075746145	4	E14	470	6500	80	YES	300	98	35	15000	5
CLB40 GLFR	4058075746206	4	E27	470	6500	80	YES	300	92	35	15000	6
CLB40 GLFR	4058075746237	4	B15	470	6500	80	YES	300	96	35	15000	7
CLB40 GLFR	4058075746275	4	B22	470	6500	80	YES	300	90	35	15000	8



PRODUCT INFORMATION

Item name	Product number (EAN)	 ¹		 ¹			 ²		 ¹	 ¹	 ³	 ⁴
CLP 40												
CLP40 FIL	4058075745254	4	E14	470	2700	80	YES	300	78	45	15000	1
CLP40 FIL	4058075745353	4	E27	470	2700	80	YES	300	74	45	15000	2
CLP40 FIL	4058075745391	4	B15	470	2700	80	YES	300	76	45	15000	3
CLP40 FIL	4058075745438	4	B22	470	2700	80	YES	300	72	45	15000	4
CLP40 FIL	4058075745452	4	E14	470	4000	80	YES	300	78	45	15000	1
CLP40 FIL	4058075745513	4	E27	470	4000	80	YES	300	74	45	15000	2
CLP40 FIL	4058075745612	4	B15	470	4000	80	YES	300	76	45	15000	3
CLP40 FIL	4058075745650	4	B22	470	4000	80	YES	300	72	45	15000	4
CLP40 FIL	4058075745698	4	E14	470	6500	80	YES	300	78	45	15000	1
CLP40 FIL	4058075745711	4	E27	470	6500	80	YES	300	74	45	15000	2
CLP40 FIL	4058075745759	4	B15	470	6500	80	YES	300	76	45	15000	3
CLP40 FIL	4058075745810	4	B22	470	6500	80	YES	300	72	45	15000	4
CLP40 GLFR	4058075745858	4	E14	470	2700	80	YES	300	78	45	15000	5
CLP40 GLFR	4058075746299	4	E27	470	2700	80	YES	300	85	45	15000	6
CLP40 GLFR	4058075745919	4	B15	470	2700	80	YES	300	76	45	15000	7
CLP40 GLFR	4058075746312	4	B22	470	2700	80	YES	300	83	45	15000	8
CLP40 GLFR	4058075745971	4	E14	470	4000	80	YES	300	78	45	15000	5
CLP40 GLFR	4058075746336	4	E27	470	4000	80	YES	300	85	45	15000	6
CLP40 GLFR	4058075746039	4	B15	470	4000	80	YES	300	76	45	15000	7
CLP40 GLFR	4058075746350	4	B22	470	4000	80	YES	300	83	45	15000	8
CLP40 GLFR	4058075746121	4	E14	470	6500	80	YES	300	78	45	15000	5
CLP40 GLFR	4058075746374	4	E27	470	6500	80	YES	300	85	45	15000	6
CLP40 GLFR	4058075746169	4	B15	470	6500	80	YES	300	76	45	15000	7
CLP40 GLFR	4058075746398	4	B22	470	6500	80	YES	300	83	45	15000	8

Application Notice

- Suitable for indoor application
- Outdoor applications only in suitable luminaires
- Input voltage: 220-240V 50/60Hz
- Not for use with dimmers
- Not for use with closed or tight fixtures
- Storage temperature & humidity conditions (-20°C up to +80°C, at max. 95% relative humidity)
- Operating temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)
- The weight of this LED lamp may be significantly higher than the weight of the lamp being replaced. Increased lamp weight may reduce the mechanical stability of certain fittings and lamp holders, and may affect electrical contact integrity and lamp retention

¹ Typical values. All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual product may vary from the typical values. For parameter of Lumen and Watt, production control tolerance with ±10% in delivery.

² The lamp is non-dimmable. Use with dimmer may lead to lamp flicker or product failure.

³ L70B50 is the average operating life of the LED Lamp during which the luminous flux is greater than or equal to 70% of the initial luminous flux, for 50% of the population. The lifetime is estimated at room temperature (25deg C), free air burning, base up position.

⁴ Correspondingly lamp image NO. for each EAN10



ORDERING INFORMATION

CLA 60 & CLA 75

Product	EAN-10*	EAN-40**	S-Unit***
LPCLADIM 7W/827 230V FILE2710X1G4APLEDV	4058075745476	4058075745483	10X1
LPCLADIM 7W/827 230VFILB22D10X1G4APLEDV	4058075745575	4058075745582	10X1
LPCLADIM 7W/840 230V FILE2710X1G4APLEDV	4058075745674	4058075745681	10X1
LPCLADIM 7W/840 230VFILB22D10X1G4APLEDV	4058075745797	4058075745803	10X1
LPCLADIM 7W/865 230V FILE2710X1G4APLEDV	4058075745872	4058075745889	10X1
LPCLADIM 7W/865 230VFILB22D10X1G4APLEDV	4058075745957	4058075745964	10X1
LPCLADIM 7W/827 230VGLFRE2710X1G4APLEDV	4058075746015	4058075746022	10X1
LPCLADIM 7W/827230VGLFRB22D10X1G4APLEDV	4058075746107	4058075746114	10X1
LPCLADIM 7W/840 230VGLFRE2710X1G4APLEDV	4058075746183	4058075746190	10X1
LPCLADIM 7W/840230VGLFRB22D10X1G4APLEDV	4058075746251	4058075746268	10X1
LPCLADIM 7W/865 230VGLFRE2710X1G4APLEDV	4058075746503	4058075746510	10X1
LPCLADIM 7W/865230VGLFRB22D10X1G4APLEDV	4058075746527	4058075746534	10X1
LPCLADIM 7,5W/827230VFILE2710X1G4APLEDV	4099854013317	4099854013324	10X1
LPCLADIM7,5W/827230VGLFRE2710X1G4APLEDV	4099854013331	4099854013348	10X1

CLB 40

Product	EAN-10*	EAN-40**	S-Unit***
LPCLBDIM 4W/827 230V FILE1410X1G4APLEDV	4058075745087	4058075745094	10X1
LPCLBDIM 4W/827 230V FILE2710X1G4APLEDV	4058075745100	4058075745117	10X1
LPCLBDIM 4W/827 230VFILB15D10X1G4APLEDV	4058075745148	4058075745155	10X1
LPCLBDIM 4W/827 230VFILB22D10X1G4APLEDV	4058075745292	4058075745308	10X1
LPCLBDIM 4W/840 230V FILE1410X1G4APLEDV	4058075745339	4058075745346	10X1
LPCLBDIM 4W/840 230V FILE2710X1G4APLEDV	4058075745377	4058075745384	10X1
LPCLBDIM 4W/840 230VFILB15D10X1G4APLEDV	4058075745414	4058075745421	10X1
LPCLBDIM 4W/840 230VFILB22D10X1G4APLEDV	4058075745490	4058075745506	10X1
LPCLBDIM 4W/865 230V FILE1410X1G4APLEDV	4058075745537	4058075745544	10X1
LPCLBDIM 4W/865 230V FILE2710X1G4APLEDV	4058075745551	4058075745568	10X1
LPCLBDIM 4W/865 230VFILB15D10X1G4APLEDV	4058075745599	4058075745605	10X1
LPCLBDIM 4W/865 230VFILB22D10X1G4APLEDV	4058075745636	4058075745643	10X1
LPCLBDIM 4W/827 230VGLFRE1410X1G4APLEDV	4058075745735	4058075745742	10X1
LPCLBDIM 4W/827 230VGLFRE2710X1G4APLEDV	4058075745773	4058075745780	10X1
LPCLBDIM 4W/827230VGLFRB15D10X1G4APLEDV	4058075745834	4058075745841	10X1
LPCLBDIM 4W/827230VGLFRB22D10X1G4APLEDV	4058075745896	4058075745902	10X1
LPCLBDIM 4W/840 230VGLFRE1410X1G4APLEDV	4058075745933	4058075745940	10X1
LPCLBDIM 4W/840 230VGLFRE2710X1G4APLEDV	4058075745995	4058075746008	10X1
LPCLBDIM 4W/840230VGLFRB15D10X1G4APLEDV	4058075746053	4058075746060	10X1
LPCLBDIM 4W/840230VGLFRB22D10X1G4APLEDV	4058075746084	4058075746091	10X1
LPCLBDIM 4W/865 230VGLFRE1410X1G4APLEDV	4058075746145	4058075746152	10X1
LPCLBDIM 4W/865 230VGLFRE2710X1G4APLEDV	4058075746206	4058075746213	10X1
LPCLBDIM 4W/865230VGLFRB15D10X1G4APLEDV	4058075746237	4058075746244	10X1
LPCLBDIM 4W/865230VGLFRB22D10X1G4APLEDV	4058075746275	4058075746282	10X1



ORDERING INFORMATION

CLP 40

Product	EAN-10*	EAN-40**	S-Unit***
LPCLPDIM 4W/827 230V FILE1410X1G4APLEDV	4058075745254	4058075745261	10X1
LPCLPDIM 4W/827 230V FILE2710X1G4APLEDV	4058075745353	4058075745360	10X1
LPCLPDIM 4W/827 230VFILB15D10X1G4APLEDV	4058075745391	4058075745407	10X1
LPCLPDIM 4W/827 230VFILB22D10X1G4APLEDV	4058075745438	4058075745445	10X1
LPCLPDIM 4W/840 230V FILE1410X1G4APLEDV	4058075745452	4058075745469	10X1
LPCLPDIM 4W/840 230V FILE2710X1G4APLEDV	4058075745513	4058075745520	10X1
LPCLPDIM 4W/840 230VFILB15D10X1G4APLEDV	4058075745612	4058075745629	10X1
LPCLPDIM 4W/840 230VFILB22D10X1G4APLEDV	4058075745650	4058075745667	10X1
LPCLPDIM 4W/865 230V FILE1410X1G4APLEDV	4058075745698	4058075745704	10X1
LPCLPDIM 4W/865 230V FILE2710X1G4APLEDV	4058075745711	4058075745728	10X1
LPCLPDIM 4W/865 230VFILB15D10X1G4APLEDV	4058075745759	4058075745766	10X1
LPCLPDIM 4W/865 230VFILB22D10X1G4APLEDV	4058075745810	4058075745827	10X1
LPCLPDIM 4W/827 230VGLFRE1410X1G4APLEDV	4058075745858	4058075745865	10X1
LPCLPDIM 4W/827 230VGLFRE2710X1G4APLEDV	4058075746299	4058075746305	10X1
LPCLPDIM 4W/827230VGLFRB15D10X1G4APLEDV	4058075745919	4058075745926	10X1
LPCLPDIM 4W/827230VGLFRB22D10X1G4APLEDV	4058075746312	4058075746329	10X1
LPCLPDIM 4W/840 230VGLFRE1410X1G4APLEDV	4058075745971	4058075745988	10X1
LPCLPDIM 4W/840 230VGLFRE2710X1G4APLEDV	4058075746336	4058075746343	10X1
LPCLPDIM 4W/840230VGLFRB15D10X1G4APLEDV	4058075746039	4058075746046	10X1
LPCLPDIM 4W/840230VGLFRB22D10X1G4APLEDV	4058075746350	4058075746367	10X1
LPCLPDIM 4W/865 230VGLFRE1410X1G4APLEDV	4058075746121	4058075746138	10X1
LPCLPDIM 4W/865 230VGLFRE2710X1G4APLEDV	4058075746374	4058075746381	10X1
LPCLPDIM 4W/865230VGLFRB15D10X1G4APLEDV	4058075746169	4058075746176	10X1
LPCLPDIM 4W/865230VGLFRB22D10X1G4APLEDV	4058075746398	4058075746404	10X1

* EAN-10: ordering code for single unit

** EAN-40: ordering code for shipping unit

*** S-Unit: Lamps per shipping unit

DIMMER COMPATIBILITY

L / Leading edge dimmer
T / Trailing edge dimmer
U / Universal dimmer

Dimmer compatibility list					PERFORMANCE CL B 40 CLP40 E14/B15D		PERFORMANCE CL B 40 CLP40 E27/B22D		PERFORMANCE CLA60 &75	
	Very good dimmability with indicated number of lamps (dimming range greater than 75%)									
	Limited dimmability with indicated number of lamps (dimming range smaler than 75%)									
	Undesired dimmability									
	Not relevant									
Dimmer					Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Type	Power						
LUMEX	LOADSMART LT1D450LS	230/50Hz	Univerasl	450W	100~0%	100~0%	100~0%	100~0%	100~0%	100~0%
Clipsal	32E450UDM	230/50Hz	Univerasl	450W	100~0%	100~0%	100~0%	100~0%	100~0%	100~0%
Clipsal	32ELEDM	230/50Hz	LED	400W	99~0%	100~0%	100~0%	100~0%	99~0%	100~0%
TRADER	Dimpala(MEDM LEDSMART)	230/50Hz	Univerasl	400W	100~0%	100~0%	100~0%	100~0%	100~0%	100~0%
SAL	SDA450	230/50Hz	T	450W	99~0%	97~0%	100~0%	100~0%	99~0%	85~0%
HPM	CAT400T HPM	230/50Hz	T	400W	99~0%	100~0%	100~0%	100~0%	100~0%	100~0%
MK branded	K1541 WHI	230/50Hz	T	75-500W	13~0%	81~0%	12~0%	82~0%	7.5~0%	83~0%
Veto	VT-500	230/50Hz	T	60-500W	60~0%	96~0%	85~0%	96~0%	90~0%	97~0%
Shuttle	SDIM-T-LED 500W	230/50Hz	T	500W	100~0%	100~0%	98~0%	88~0%	99~0%	100~0%
Shuttle	SDIM-T-LED-R 500W	230/50Hz	T	500W	99~0%	98~0%	98~0%	98~0%	99~0%	100~0%
HPM	CAT400L	230/50Hz	L	250W	37~0%	52~0%	52~0%	53~0%	97~0%	92~0%
DIGINET(GERARD)	MMDM/PB	230/50Hz	Push Button	400W	99~0%	98~0%	99~0%	97~0%	99~0%	100~0%
Clipsal	32E450LM	230/50Hz	L	450W	95~0%	98~0%	99~0%	99~0%	99~0%	100~0%