

PHILIPS

LED lamps

DC-Fit (Type C System)



Provides two lumen outputs using our CertaDrive X & Xitanium drivers.

Type C DC-Fit LED lamp system

The **Philips Type C DC-Fit LED lamp system** is a technology breakthrough from our LED tube portfolio. The lamp provides versatility by delivering two different lumen outputs, depending on the driver used (CertaDrive X & Xitanium). The systems deliver what we promise, with at least 50% energy savings, flicker-free performance and the performance that you would expect.

Benefits

- **Flexibility**
One lamp will provide 2 lumen output (depending on the driver used) to simplify options for the customer:
 - T8 lamp will operate as 1600 lumen, 10-watt lamp or 2100 lumen, 14-watt lamp
 - T5 lamp will operate as 2100 lumen, 14-watt lamp or 3500 lumen, 25-watt lamp
- **Rebate eligible**
Due to being DLC5.1 listed and preventing “snap-back” of traditional fluorescent lamp on LED drivers.
- **Light quality and performance predictability**
Consistent light output and no flicker means delighted customers.
- **Energy savings**
At least 50% energy savings when replacing T5 standard fluorescent system and 56% energy savings when replacing T8 fluorescent system.

Features

- **Lifetime Delivered**
Average life rating of 70,000 hours for T8 lamps; 50,000 hours for T5 lamps.
- **Dimmability**
Lamps are operated with LED drivers that are dimmable to enable more energy savings for the end user.
- **Proven product history**
From a company with a long history of innovation and reliability in the lighting industry.
- **Safety**
Over voltage and over temperature protection built into the lamp and complies with UL safety requirements.

Philips Type C DC-Fit lamps



Ordering, electrical and technical data (Subject to change without notice)



Product (6nc)	Model (12nc)	Lamp description	Bulb	Base	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
583962	9290036515	14T5/COR/46-840/DF21/G/DIM UL-C 25/1	T5	G5	14 / 25	2100 / 3500	80	4000	50000
583970	9290036516	14T5/COR/46-850/DF21/G/DIM UL-C 25/1	T5	G5	14 / 25	2100 / 3500	80	5000	50000
583988	9290036517	10T8/COR/48-840/DF16/G/DIM UL-C 25/1	T8	G13	10 / 14	1600 / 2100	80	4000	70000
583996	9290036518	10T8/COR/48-850/DF16/G/DIM UL-C 25/1	T8	G13	10 / 14	1600 / 2100	80	5000	70000

Model (12nc)	CertaDrive X description	Advance driver model	Model (12nc)	CertaDrive X description	Driver
929002721913	22W, 400/450mA, 48V, 120-277V	CI022C045V048CDX1M	929001791813	45W, 900/935mA, 48V, 120-277V	CI045C093V048CDX1M
929001791513	26W, 500/550mA, 48V, 120-277V	CI026C055V048CDX1M	929002710813	65W, 1225/1350mA, 48V, 120-277V	CI065C135V048CDX1M
929001799413	31W, 625/640mA, 48V, 120-277V	CI031C064V048CDX1M	929002710713	55W, 1035/1150mA, 48V, 120-277V	CI055C115V048CDX1M
929002722513	32W, 600/650mA, 48V, 120-277V	CI032C065V048CDX1M			

Lumen output			T8 Lamp (lumen output)			T5 Lamp (lumen output)			
Model (12nc)	CertaDrive X description	Advance driver model	2-lamp	3-lamp	4-lamp	1-lamp	2-lamp	3-lamp	4-lamp
929002721913	22W 400/450 mA 48V 120-277V	CI022C045V048CDX1M	1600lms						
929001791513	26W 500/550 mA 48V 120-277V	CI026C055V048CDX1M				3500lms			
929001799413	31W 625/640 mA 48V 120-277V	CI031C064V048CDX1M	2100lms				2100lms		
929002722513	32W 600/650 mA 48V 120-277V	CI032C065V048CDX1M		1600lms					
929001791813	45W 900/935 mA 48V 120-277V	CI045C093V048CDX1M		2100lms	1600lms			2100lms	
929002710813	65W 1225/1350mA 48V120-277V	CI065C135V048CDX1M			2100lms				2100lms
929002710713	55W 1035/1150 mA 48V120-277V	CI055C115V048CDX1M					3500lms		

			T8 Lamp (lumen output)			T5 Lamp (lumen output)			
Model (12nc)	CertaDrive X description	Advance driver model	2-lamp	3-lamp	4-lamp	1-lamp	2-lamp	3-lamp	4-lamp
929002721913	22W 400/450 mA 48V 120-277V	CI022C045V048CDX1M	22.5W						
929001791513	26W 500/550 mA 48V 120-277V	CI026C055V048CDX1M				27.5W			
929001799413	31W 625/640 mA 48V 120-277V	CI031C064V048CDX1M	31.5W				31.0W		
929002722513	32W 600/650 mA 48V 120-277V	CI032C065V048CDX1M		33.5W					
929001791813	45W 900/935 mA 48V 120-277V	CI045C093V048CDX1M		44.5W	43.5W			43.5W	
929002710813	65W 1225/1350mA 48V120-277V	CI065C135V048CDX1M			57.5W				64.0W
929002710713	55W 1035/1150 mA 48V120-277V	CI055C115V048CDX1M					54.5W		

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

DLC listing		T5 HE 2100 lm/lamp			T5 HO 3500 lm/lamp		
Model (12nc)	Lamp description	2-lamp	3-lamp	4-lamp	1-lamp	2-lamp	
9290036515	14T5/COR/46-840/DF21/G/DIM UL-C 25/1	CI031C064V048CDX1M	CI045C093V048CDX1M	CI065C135V048CDX1M	CI026C055V048CDX1M	CI055C115V048CDX1M	
9290036516	14T5/COR/46-850/DF21/G/DIM UL-C 25/1	S-40GL57	S-UI5GFA	S-4K8GN0	S-BVM4EG	S-Q310UL	
		S-42SUNK	S-QLG317	S-BFYJIW	S-BDIZKQ	S-IJM607	
		T8 1600lm/lamp			T8 2100lm/lamp		
Model (12nc)	Lamp description	2-lamp	3-lamp	4-lamp	2-lamp	3-lamp	3-lamp
9290036515	14T5/COR/46-840/DF21/G/DIM UL-C 25/1	CI022C045V048CDX1M	CI032C065V048CDX1M	CI045C093V048CDX1M	CI031C064V048CDX1M	CI045C093V048CDX1M	CI065C135V048CDX1M
9290036516	14T5/COR/46-850/DF21/G/DIM UL-C 25/1	S-LGXK3C	S-3DBL2J	S-ALR5XH	S-9SN5AV	S-S6DKA4	S-BTJ459
		S-XH1EPD	S-0IMWVA	S-XT84ER	S-HUGIO7	S-PJOSID	S-6PGNZ1



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Signify North America Corporation
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

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