# **PHILIPS** Lighting

# DC-Fit (UL Type-C) T5

# 14T5/COR/46-850/DF21/G/DIM UL-C 25/1

The DC-Fit (UL Type C) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This lamp with DC driver has everything needed built into the lamp with proven energy savings, long life (up to 70k hours), better controllable performance and industry leading reliability features. All lamps in the DC-Fit family are double-ended to help simplify the installation. In addition, the DC lamps will have different lumen output with different dedicated DC drivers so that end users can have a comfortable environment with ideal light output.

### **Product data**

General Information		
Cap-Base	G5	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	850 [CCT of 5000K]	
Beam Angle (Nom)	200 degree(s)	
Luminous Flux	2,100 3,550 lm	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 K	
Luminous Efficacy (rated) (Nom)	142 lm/W	
Color Consistency	<5	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom) 70 %		

Operating and Electrical		
Input Frequency	- Hz	
Power Consumption	14 25 W	
Lamp Current (Max)	720 mA	
Lamp Current (Min)	200 mA	
Wattage Equivalent	54 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	38-46 V	
UL Type	UL Type C	
Temperature		
Ambient temperature range	-20 to +45 °C	
T-Case Maximum (Nom)	65 °C	
Controls and Dimming		
Dimmable	Only with specific dimmers	

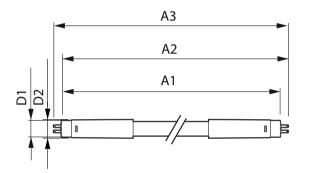
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## DC-Fit (UL Type-C) T5

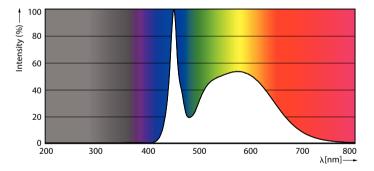
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Material	Glass	
Product Length	1,200 mm	
Bulb Shape	Т5	
Approval and Application		
Energy Saving Product	Yes	
Approval Marks	RoHS compliance UL certificate DLC	
	compliance	
Application Conditions		
can it be used in closed luminaires	Yes	

Product Data		
Order product name	name 14T5/COR/46-850/DF21/G/DIM UL-C 25/1	
Full product name	14T5/COR/46-850/DF21/G/DIM UL-C 25/1	
Order code	929003651604	
Material Nr. (12NC)	929003651604	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677583972	
Numerator - Packs per outer box	25	
EAN/UPC - Case	50046677583977	

### **Dimensional drawing**

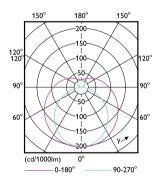


# Product D1 D2 A1 A2 A3 14T5/COR/46-850/DF21/G/DIM 15.3 mm 18.4 mm 147.4 mm 1,154.9 mm 1,62 mm UL-C 25/1



Spectral Power Distribution Colour - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1

#### Photometric data



Light Distribution Diagram - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1

Datasheet, 2024, February 26

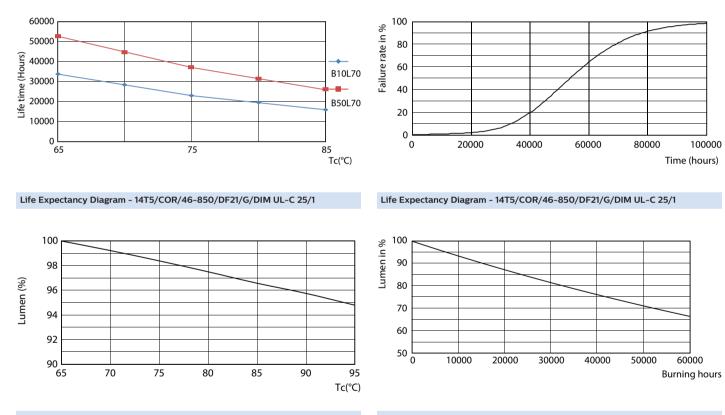
# DC-Fit (UL Type-C) T5

#### Photometric data

	,	* TLED 15W 5080K 9298036516
		1 e 200 m
Anna Partie		

General uniform lighting - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1



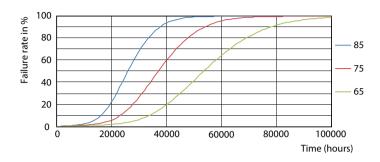


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Lumen Maintenance Diagram - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1
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Lumen Maintenance Diagram - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1

# DC-Fit (UL Type-C) T5

### Lifetime



Life Expectancy Diagram - 14T5/COR/46-850/DF21/G/DIM UL-C 25/1



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