PHILIPS Lighting



Product Description

TL-E 80

Fluorescent lamps with a circular tube having a diameter of 26 mm

Benefits

- \cdot /80 colors have good color rendering and high efficacy compared with standard colors
- \cdot Symmetrical, omnidirectional light distribution
- \cdot Create atmospheres from warm white to cool daylight

Features

Available in various color designations

Application

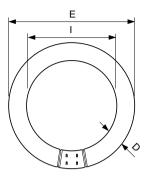
- Suitable for use in a wide range of luminaires for various purposes, including decorative luminaires
- Ideal for 'human' applications such as schools, offices, shops and homes

Versions



G10q, C-T9

Dimensional drawing



TL-E 40W/865	30.9 mm	27.1 mm	393.7 mm	406.4	341.0	347.7 mm
1CT/20				mm	mm	
TL-E 22W/865	30.9 mm	26.2 mm	205.0	213.5 mm	149.1 mm	155.6 mm
1CT/20			mm			
TL-E 22W/840	30.9 mm	26.2 mm	205.0	213.5 mm	149.1 mm	155.6 mm
1CT/20			mm			

D (max) D (min) E (min) E (max) I (min) I (max)

Product

Approval and Application	
Mercury (Hg) Content (Nom)	8 mg
Controls and Dimming	
Dimmable	Yes
General Information	
Cap-Base	G10Q
Life To 50% Failures (Nom)	13000 h
Light Technical	
Color Rendering Index (Nom)	80
Mechanical and Housing	
Bulb Shape	C-T9
Temperature	
Design Temperature (Nom)	25 °C

Approval and Application

		Energy Consumption kWh/	Energy Efficiency
Order Code	Full Product Name	1000 h	Label (EEL)
928026284074	TL-E 22W/840 1CT/20	24 kWh	В
928026286574	TL-E 22W/865 1CT/20	24 kWh	В

		Energy Consumption kWh/	Energy Efficiency
Order Code	Full Product Name	1000 h	Label (EEL)
928027486574	TL-E 40W/865 1CT/20	44 kWh	А

Operating and Electrical

		Lamp Current	Voltage	Power (Rated)
Order Code	Full Product Name	(Nom)	(Nom)	(Nom)
928026284074	TL-E 22W/840 1CT/20	0.400 A	62 V	22 W
928026286574	TL-E 22W/865 1CT/20	0.400 A	62 V	22.0 W

		Lamp Current	Voltage	Power (Rated)
Order Code	Full Product Name	(Nom)	(Nom)	(Nom)
928027486574	TL-E 40W/865 1CT/20	0.420 A	110 V	40.0 W

General Information

		LSF 2000	LSF 4000	LSF 6000	LSF 8000			LSF 2000	LSF 4000	LSF 6000	LSF
Order Code	Full Product Name	h Rated	h Rated	h Rated	h Rated	Order Code	Full Product Name	h Rated	h Rated	h Rated	h Ra
928026284074	TL-E 22W/840	80 %	74 %	70 %	67 %	928027486574	TL-E 40W/865	98 %	77 %	60 %	45 %
	1CT/20						1CT/20				
928026286574	TL-E 22W/865	98 %	77 %	60 %	45 %						
	1CT/20										

Light Technical (1/2)

				Correlated Color	LLMF 2000 h	LLMF 4000 h	LLMF 6000 h	LLMF 8000 h
Order Code	Full Product Name	Color Code	Color Designation	Temperature (Nom)	Rated	Rated	Rated	Rated
928026284074	TL-E 22W/840 1CT/20	840	Cool White (CW)	4000 K	90 %	87 %	85 %	84 %
928026286574	TL-E 22W/865 1CT/20	865	Cool Daylight	6500 K	80 %	74 %	70 %	67 %
928027486574	TL-E 40W/865 1CT/20	865	Cool Daylight	6500 K	89 %	84 %	81 %	80 %

Light Technical (2/2)

		Luminous					Luminous		
		Efficacy (rated)	Luminous Flux	Luminous Flux			Efficacy (rated)	Luminous Flux	Luminous Flux
Order Code	Full Product Name	(Nom)	(Nom)	(Rated) (Nom)	Order Code	Full Product Name	(Nom)	(Nom)	(Rated) (Nom)
928026284074	TL-E 22W/840	59 lm/W	1285 lm	1285 lm	928027486574	TL-E 40W/865	78 lm/W	3070 lm	3070 lm
	1CT/20					1CT/20			
928026286574	TL-E 22W/865	57 lm/W	1250 lm	1250 lm					
	1CT/20								



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