

Lighting

PHILIPS

MASTER TL5 High Output Eco

MASTER TL5 HO Eco 20=24W/840 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HO Eco lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Warnings and Safety

- · A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

an anal Information			1050 Jun
eneral Information		Luminous Flux (Nom)	1950 lm
ap-Base	G5 [G5]	Luminous Flux (Rated) (Nom)	1650 lm
ife to 50% Failures Preheat (Nom)	30000 h	Color Designation	Cool White (CW)
eatures	na [Not Applicable]	Luminous Efficacy (@ Max Lumen, Rated)	99 lm/W
SF Preheat 2000 h Rated	99 %	(Nom)	
SF Preheat 4000 h Rated	99 %	Correlated Color Temperature (Nom)	4000 K
SF Preheat 6000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	85 lm/W
SF Preheat 8000 h Rated	99 %	Color Rendering Index (Max)	85
SF Preheat 16000 h Rated	99 %	Color Rendering Index (Min)	80
SF Preheat 20000 h Rated	94 %	Color Rendering Index (Nom)	82
		LLMF 2000 h Rated	96 %
Light Technical		LLMF 4000 h Rated	95 %
Color Code	840 [CCT of 4000K]	LLMF 6000 h Rated	94 %

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LLMF 8000 h Rated	93 %			
LLMF 12000 h Rated	92 %			
LLMF 16000 h Rated	91 %			
LLMF 20000 h Rated	90 %			
Operating and Electrical				
Power (Nom)	19.5 W			
Lamp Current (Nom)	0.300 A			
Temperature				
Design Temperature (Nom)	35 ℃			
Controls and Dimming				
Dimmable	Yes			
Approval and Application				
Energy Efficiency Label (EEL)	A+			

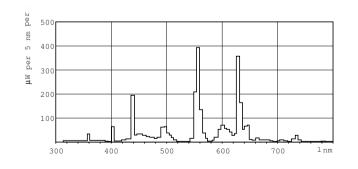
Mercury (Hg) Content (Nom)	1.4 mg			
Energy Consumption kWh/1000 h	22 kWh			
Product Data				
Full product code	872790088086100			
Order product name	MASTER TL5 HO Eco 20=24W/840			
	UNP/40			
EAN/UPC - Product	8711500881311			
Order code	927989984031			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	40			
Material Nr. (12NC)	927989984031			
Net Weight (Piece)	52.000 g			
ILCOS Code	FDH-20/40/1B-L/P-G5-16/550			

Dimensional drawing

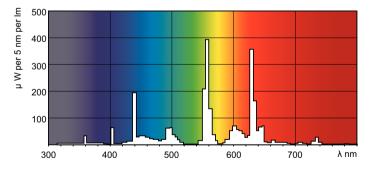
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
20=24W/840 UNP/40					

TL5 HO Eco 20=24W/840

Photometric data



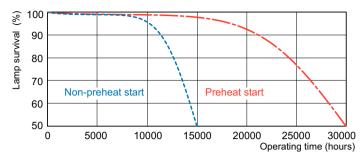
LDPB_TL5ECO_840-Spectral power distribution B/W

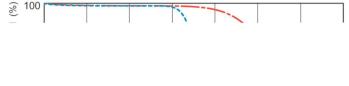


LDPO_TL5ECO_840-Spectral power distribution Colour

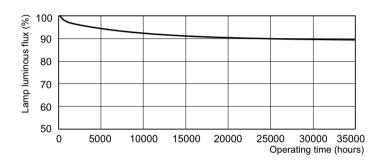
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Lifetime





LDLE_TL5ECO_0002-Life expectancy diagram



LDLM_TL5ECO_0001-Lumen maintenance diagram

LDLE_TL5ECO_0001-Life expectancy diagram



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