PHILIPS

Lighting



MASTER TL5 High Output EcoPlus

MASTER TL5 HO EcoPlus 66=80W/830 UNP/40

TL5 High Output EcoPlus lamp (tube diameter 16 mm) provides extra energy savings by simple lamp-for-lamp replacement of TL5 HO Eco lamps, at the expense of slightly reduced light output. No compromises are made on the excellent TL5 lumen maintenance, lifetime 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.
- TL5 HO EcoPlus is not designed for dimming applications.
- 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

General Information	
Cap-Base	G5 [G5]
Features	HO XEW Alto® [High Output Energy Advantage Alto]

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	6,400 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	82

Operating and Electrical	
Power Consumption	63.3 W
Lamp Current (Nom)	0.555 A

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	T5 [16 mm (T5)]

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Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	73 kWh

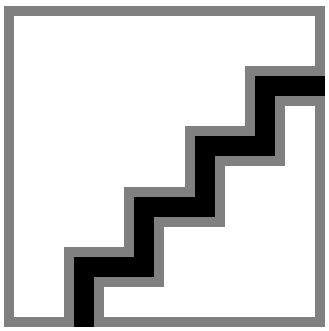
Product Data	
Order product name	MASTER TL5 HO EcoPlus 66=80W/830 UNP/40
Full product name	MASTER TL5 HO EcoPlus 66=80W/830 UNP/40
Full product code	871829166340900

Order code	927995683031
Material Nr. (12NC)	927995683031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291548133
Numerator - Packs per outer box	40
EAN/UPC - Case	8718291663409

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO EcoPlus 66=80W/830 UNP/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

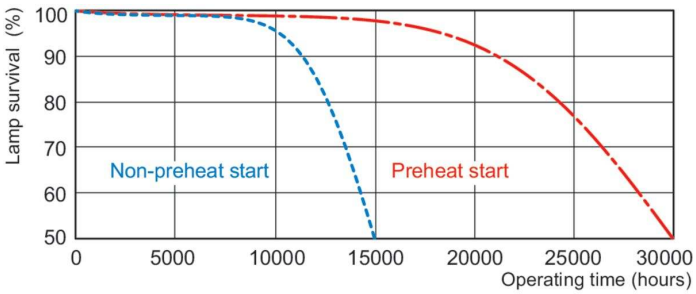
Photometric data



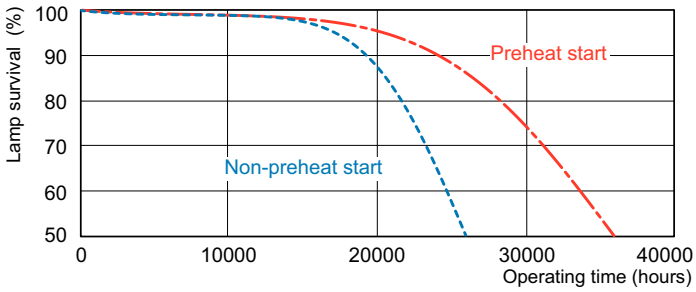
Spectral Power Distribution Colour - MASTER TL5 HO EcoPlus 66=80W/830 UNP/40

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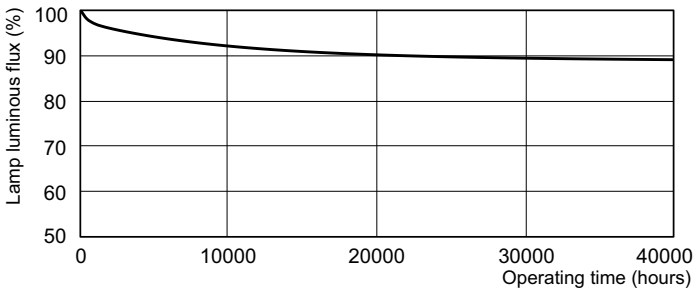
Lifetime



Life Expectancy Diagram - MASTER TL5 HO EcoPlus 66=80W/830 UNP/40



Life Expectancy Diagram - MASTER TL5 HO EcoPlus 66=80W/830 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HO EcoPlus 66=80W/830 UNP/40

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