

Lighting

PHILIPS

MASTER TL5 High Output

MASTER TL5 HO 80W/830 UNP/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO 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 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		Controls and Dimming	
Cap-Base	G5 [G5]	Dimmable	Yes
Features	na [Not Applicable]		
		Mechanical and Housing	
Light Technical		Bulb Shape	T5 [16 mm (T5)]
Color Code	830 [CCT of 3000K]		
Luminous Flux	7,000 lumen	Approval and Application	
Color Designation	Warm White (WW)	Mercury (Hg) Content (Nom)	1.2 mg
Correlated Color Temperature (Nom)	3000 K	Energy Consumption kWh/1000 h	88 kWh
Luminous Efficacy (rated) (Nom)	82 lm/W		
Color rendering index (CRI)	82	Product Data	
		Full product code	871150064436755
Operating and Electrical		Order product name	MASTER TL5 HO 80W/830 UNP/40
Power Consumption	79.8 W	Order code	927929583018
Lamp Current (Nom)	0.530 A	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	40

MASTER TL5 High Output

Material Nr. (12NC)	927929583018		
Full product name	MASTER TL5 HO 80W/830 UNP/40		
EAN/UPC - Case	8711500644374		

EAN/UPC - Product/Case	8711500644367		

MASTER TL5 HO 80W/830 17 mm 1,449.0 mm 1,456.1 mm 1,453.7 mm 1,463.2 mm

B (max)

B (min)

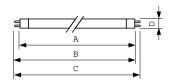
C (max)

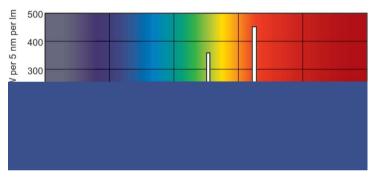
D (max) A (max)

Product

UNP/40

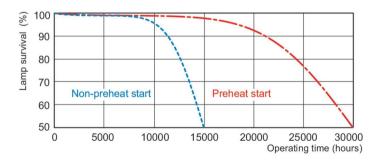
Dimensional drawing





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

Lifetime



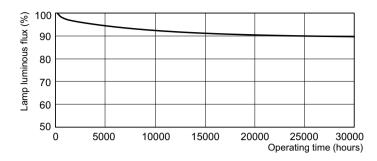
Life Expectancy Diagram - MASTER TL5 HO 80W/830 UNP/40

(%)	100				<u> </u>	-	
	90				\sim		
Lamp survival					$\sim \lambda_{\rm c}$		
	80						
	70				1		
			١	lon-prehea	t start	Preheat sta	irt 🔪 👘
	60				1		
	50				j		
	(0 50	00 100	000 150	000 2	20000 250 Operatin	000 30000 g time (hours)

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

MASTER TL5 High Output

Lifetime



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



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