



Fit-for-use TL5 lamp

TL5 Essential HE Super 80

Philips TL5 Essential Super80 is a new fluorescent lamp which provides home users and professional end-users an aesthetic miniaturized lighting solution with high reliability at low price.

优点

- 40% less tube dimension than T8 fluorescent lamps. Reducing luminaire, stock and transportation cost
- Slim 16 mm tube allows more compact and flexible luminaire design
- Max lumen output at 35°C ambient temperature, more suitable to actual lighting situation
- Comfortable working and living ambiances with CRI more than 80
- Provides highly reliable and high quality lighting solution at low cost
- Creates atmospheres from warm white to cool daylight

特点

- Small diameter of 16mm only
- "Cold Chamber" technology
- Applied with electronic ballast for TL5 only
- Operate at temperature from 5°C to 50°C

应用

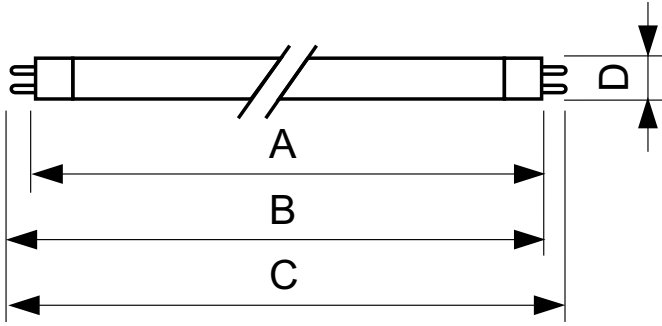
- Suitable for use at locations where need compact, high efficient, energy saving lighting. Including offices, shops, supermarkets, schools, hospitals and industrial lighting.

安全提示

- 20,000 hours lifetime (50% survival point, 3 hour cycle) with preheat ballast which is ENEC compliant. Lifetime performance may differ on non-ENEC compliant ballasts.

TL5 Essential HE Super 80

二维绘图



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 28W/840 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
TL5 Essential 14W/865 1SL/40	17.0 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
TL5 Essential 21W/830 1SL/40	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
TL5 Essential 21W/840 1SL/40	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
TL5 Essential 28W/830 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
TL5 Essential 14W/840 1SL/40	17.0 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
TL5 Essential 14W/830 1SL/40	17.0 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
TL5 Essential 28W/865 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
TL5 Essential 21W/865 1SL/40	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

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应用	
汞 (Hg) 含量 (标称)	2.0 mg
控制调光	
可调光	否
运营和电气	
灯具电流 (标称)	0.170 A
基本信息	
底盖	G5
50% 故障预热条件下的使用寿命 (标称)	20000 h
LSF 预热 16000 小时额定	70 %
LSF 预热 20000 小时额定	50 %
LSF 预热 2000 小时额定	98 %
LSF 预热 4000 小时额定	97 %
LSF 预热 6000 小时额定	95 %
LSF 预热 8000 小时额定	93 %
照明科技	
显色指数 (最大)	85
显色指数 (最小)	80
显色指数 (标称)	82
LLMF 12000 小时额定	88 %
LLMF 16000 小时额定	87 %
LLMF 2000 小时额定	94 %
LLMF 20000 小时额定	86 %
LLMF 4000 小时额定	92 %
LLMF 6000 小时额定	91 %
LLMF 8000 小时额定	90 %
机械和壳体	
灯泡外形	T5
温度	
设计温度 (标称)	30 °C

应用

Order Code	Full Product Name	能耗 kWh/1000 h
927925983060	TL5 Essential 14W/830 1SL/40	-
927925984060	TL5 Essential 14W/840 1SL/40	15 kWh
927925986560	TL5 Essential 14W/865 1SL/40	15 kWh
927926483060	TL5 Essential 21W/830 1SL/40	23 kWh
927926484060	TL5 Essential 21W/840 1SL/40	-
927926486560	TL5 Essential 21W/865 1SL/40	-
927926783060	TL5 Essential 28W/830 1SL/40	31 kWh
927926784060	TL5 Essential 28W/840 1SL/40	31 kWh
927926786560	TL5 Essential 28W/865 1SL/40	31 kWh

运营和电气

Order Code	Full Product Name	功率 (标称值)
927925983060	TL5 Essential 14W/830 1SL/40	14.3 W
927925984060	TL5 Essential 14W/840 1SL/40	14.3 W
927925986560	TL5 Essential 14W/865 1SL/40	14 W
927926483060	TL5 Essential 21W/830 1SL/40	20.8 W
927926484060	TL5 Essential 21W/840 1SL/40	20.8 W

Order Code	Full Product Name	功率 (标称值)
927926486560	TL5 Essential 21W/865 1SL/40	20.8 W
927926783060	TL5 Essential 28W/830 1SL/40	27.8 W
927926784060	TL5 Essential 28W/840 1SL/40	27.8 W
927926786560	TL5 Essential 28W/865 1SL/40	27.8 W

照明科技 (1/2)

TL5 Essential HE Super 80

Order Code	Full Product Name	颜色代		相关色温 (标称)	光效(最大光 通下, 额定) (标称)
		码	颜色名称		
927925983060	TL5 Essential 14W/830 1SL/40	830	暖白色 (WW)	3000 K	96 lm/W
927925984060	TL5 Essential 14W/840 1SL/40	840	冷白色 (CW)	4000 K	96 lm/W
927925986560	TL5 Essential 14W/865 1SL/40	865	冷日光	6500 K	90 lm/W
927926483060	TL5 Essential 21W/830 1SL/40	830	暖白色 (WW)	3000 K	101 lm/W
927926484060	TL5 Essential 21W/840 1SL/40	840	冷白色 (CW)	4000 K	101 lm/W

Order Code	Full Product Name	颜色代		相关色温 (标称)	光效(最大光 通下, 额定) (标称)
		码	颜色名称		
927926486560	TL5 Essential 21W/865 1SL/40	865	冷日光	6500 K	92 lm/W
927926783060	TL5 Essential 28W/830 1SL/40	830	暖白色 (WW)	3000 K	104 lm/W
927926784060	TL5 Essential 28W/840 1SL/40	840	冷白色 (CW)	4000 K	104 lm/W
927926786560	TL5 Essential 28W/865 1SL/40	865	冷日光	6500 K	97 lm/W

照明科技 (2/2)

Order Code	Full Product Name	光效(额定) [标 称)		光通量(额定) (标称)	
		光通量(标称)	光通量(标称)	光通量(标称)	光通量(标称)
927925983060	TL5 Essential 14W/830 1SL/40	88 lm/W	1350 lm	1260 lm	
927925984060	TL5 Essential 14W/840 1SL/40	88 lm/W	1350 lm	1260 lm	
927925986560	TL5 Essential 14W/865 1SL/40	84 lm/W	1260 lm	1200 lm	
927926483060	TL5 Essential 21W/830 1SL/40	94 lm/W	2100 lm	1950 lm	
927926484060	TL5 Essential 21W/840 1SL/40	94 lm/W	2100 lm	1950 lm	

Order Code	Full Product Name	光效(额定) [标 称)		光通量(额定) (标称)	
		光通量(标称)	光通量(标称)	光通量(标称)	光通量(标称)
927926486560	TL5 Essential 21W/865 1SL/40	84 lm/W	1900 lm	1750 lm	
927926783060	TL5 Essential 28W/830 1SL/40	94 lm/W	2900 lm	2600 lm	
927926784060	TL5 Essential 28W/840 1SL/40	94 lm/W	2900 lm	2600 lm	
927926786560	TL5 Essential 28W/865 1SL/40	94 lm/W	2700 lm	2600 lm	

