



The easy way to connected lighting

MasterConnect LEDtube InstantFit T8

Philips MasterConnect LEDtube InstantFit T8 lamp, which is Interact Ready, enables an easy upgrade to a connected lighting system without re-wiring the fixtures. The 2.4GHz mesh networking technology allows integration with a variety of control device, such as sensor and switch. It also offers secure and reliable communication towards the Interact IoT platform or verified third party systems. The result? Greater energy savings, various control possibilities and a more adaptable space!

Benefits

- More than 50% energy saving compared to fluorescent lamps
- Flexible lighting controls to maximize productivity and comfort
- Works seamlessly with Interact IoT platform

Features

- Quick upgrade from fluorescent lamps with existing electronic ballast
- Superior lighting performance over product lifetime
- Easy to setup and control with mobile app
- Reliable and secure wireless communication within 2.4GHz mesh network

Application

- Office, education, retail and healthcare
- Parking, industry and warehouse

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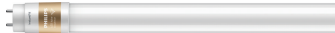
Versions



EasySmart IR Programming Tool 10/1

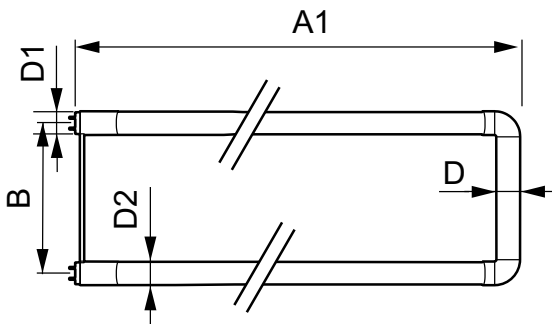
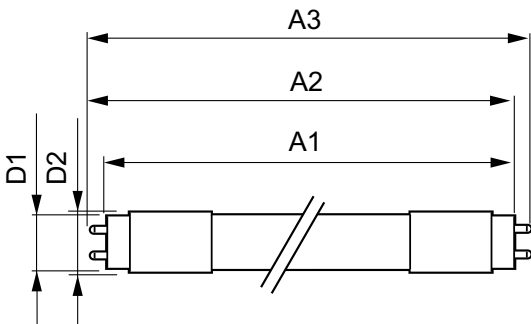


G13



G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
8T8 LED/24-3000 IF EasySmart 1PK	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm
8T8 LED/24-3500 IF EasySmart 1PK	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm
8T8 LED/24-5000 IF EasySmart 1PK	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm
8T8 LED/24-4000 IF EasySmart 1PK	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm

Product	D1	D2	B	A1	D
15T8 LED/24-3000 IF 6U EasySmart 1PK	25.4 mm	27.8 mm	152 mm	570 mm	27.8 mm
15T8 LED/24-4000 IF 6U EasySmart 1PK	25.4 mm	27.8 mm	152 mm	570 mm	27.8 mm
15T8 LED/24-3500 IF 6U EasySmart 1PK	25.4 mm	27.8 mm	152 mm	570 mm	27.8 mm
15T8 LED/24-5000 IF 6U EasySmart 1PK	25.4 mm	27.8 mm	152 mm	570 mm	27.8 mm

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
473504	EasySmart IR Programming Tool 10/1	-	-	1 W	-

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	40000-80000 Hz	160-380 V	15 W	0.5 s

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Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	40000-80000 Hz	160-380 V	15 W	0.5 s
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	40000-80000 Hz	160-380 V	15 W	0.5 s
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	40000-80000 Hz	160-380 V	15 W	0.5 s

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	40000-85000 Hz	200-380 V	8 W	0.5 s
474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	40000-85000 Hz	200-380 V	8 W	0.5 s
474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	40000-85000 Hz	200-380 V	8 W	0.5 s
474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	40000-85000 Hz	200-380 V	8 W	0.5 s

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
473504	EasySmart IR Programming Tool 10/1	-	-	-	-
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	G13	50000 h	50000 h	50000X
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	G13	50000 h	50000 h	50000X
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	G13	50000 h	50000 h	50000X
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	G13	50000 h	50000 h	50000X

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	G13	50000 h	50000 h	50000X
474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	G13	50000 h	50000 h	50000X
474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	G13	50000 h	50000 h	50000X
474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	G13	50000 h	50000 h	50000X

Controls and Dimming

Order Code	Full Product Name	Dimmable
473504	EasySmart IR Programming Tool 10/1	-
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	Wireless Dim
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	Wireless Dim
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	Wireless Dim
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	Wireless Dim

Order Code	Full Product Name	Dimmable
474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	Wireless Dim
474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	Wireless Dim
474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	Wireless Dim
474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	Wireless Dim

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Llmf At End Of Nominal Lifetime (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
473504	EasySmart IR Programming Tool 10/1	-	-	-	-	-	-	-
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	160 °	830	3000 K	80	70 %	2000 lm	2000 lm
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	160 °	835	3500 K	80	70 %	2000 lm	2000 lm
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	160 °	841	4000 K	80	70 %	2100 lm	2100 lm
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	160 °	850	5000 K	80	70 %	2100 lm	2100 lm

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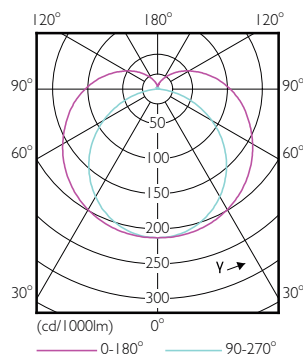
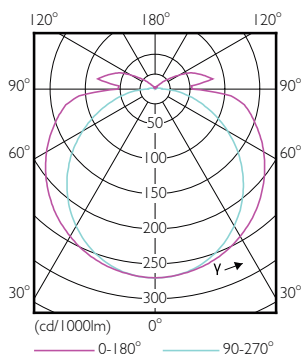
Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color	Llmf At End Of		
					Rendering Index (Nom)	Nominal Lifetime (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	160 °	830	3000 K	80	70 %	1150 lm	1150 lm
474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	160 °	835	3500 K	80	70 %	1150 lm	1150 lm
474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	160 °	841	4000 K	80	70 %	1200 lm	1200 lm
474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	160 °	850	5000 K	80	70 %	1200 lm	1200 lm

Light Technical (2/2)

Order Code	Full Product Name	Rated Beam Angle	Order Code	Full Product Name	Rated Beam Angle
473504	EasySmart IR Programming Tool 10/1	-	474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	160 °
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	160 °	474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	160 °
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	160 °	474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	160 °
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	160 °	474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	160 °
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	160 °			

Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)	T-Storage (Max)	T-Storage (Min)
473504	EasySmart IR Programming Tool 10/1	-	-	-	-	-
474015	15T8 LED/24-3000 IF 6U EasySmart 1PK10/1	45 °C	-20 °C	40 °C	65 °C	-40 °C
474023	15T8 LED/24-3500 IF 6U EasySmart 1PK10/1	45 °C	-20 °C	40 °C	65 °C	-40 °C
474031	15T8 LED/24-4000 IF 6U EasySmart 1PK10/1	45 °C	-20 °C	40 °C	65 °C	-40 °C
474049	15T8 LED/24-5000 IF 6U EasySmart 1PK10/1	45 °C	-20 °C	40 °C	65 °C	-40 °C
474056	8T8 LED/24-3000 IF EasySmart 1PK 10/1	45 °C	-20 °C	35 °C	65 °C	-40 °C
474064	8T8 LED/24-3500 IF EasySmart 1PK 10/1	45 °C	-20 °C	35 °C	65 °C	-40 °C
474072	8T8 LED/24-4000 IF EasySmart 1PK 10/1	45 °C	-20 °C	35 °C	65 °C	-40 °C
474080	8T8 LED/24-5000 IF EasySmart 1PK 10/1	45 °C	-20 °C	35 °C	65 °C	-40 °C



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