



Essential LEDtube - Affordable LED solution

Essential LEDtube

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Benefits

- Reduced electricity costs thanks to significant energy savings
- Longer lifetime minimizes re-lamping for reduced maintenance costs
- A better choice for the environment – no mercury

Features

- Affordable LED replacement for T8 fluorescent lamps
- Energy consumption less than half that of normal fluorescent lamps
- 25,000 hours lifetime, double that of normal fluorescent lamps
- No mercury; glass-free tube – no breakage concerns

Application

- Retail, offices
- Industry, warehouses, public places, schools, hospitals, car parks

Essential LEDtube

Versions



G13



G13



G13

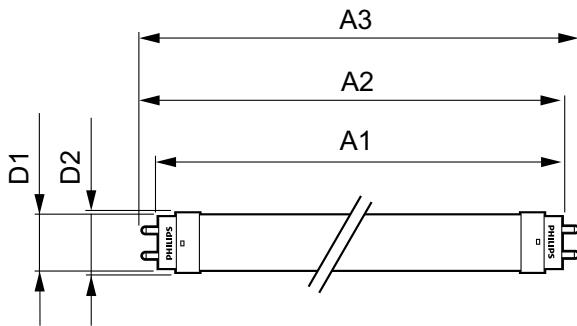
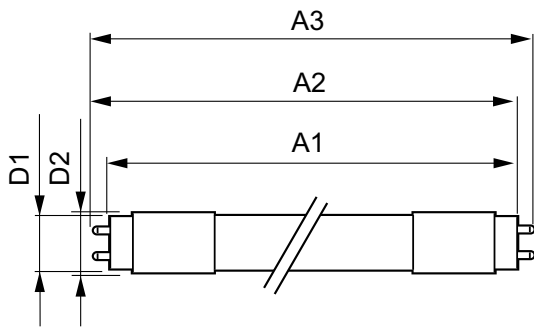
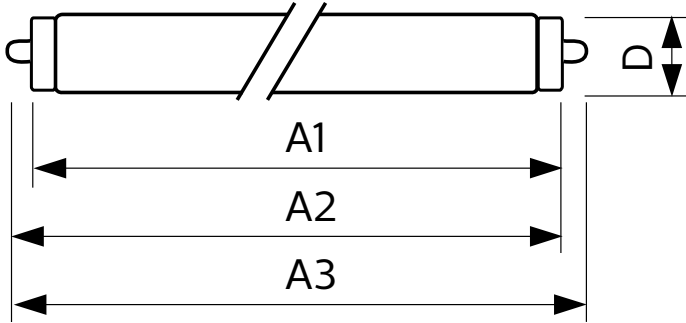
G5

G13

FA8

Essential LEDtube

Dimensional drawing



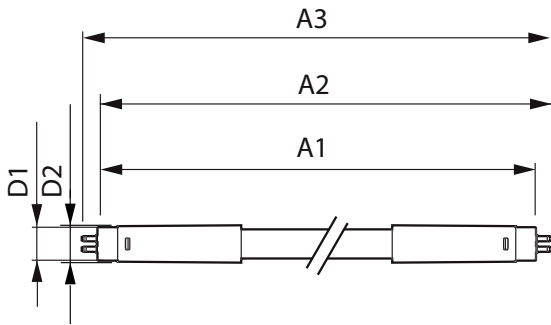
Product	D1	D2	A1	A2	A3
CorePro LEDtube T8 8ft 30W865 WV FA8	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm
CorePro LEDtube T8 8ft 30W840 WV FA8	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm

Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1500mm 25W 830 I	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
ESSENTIAL LEDtube 1500mm 25W 840 I	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
LEDtube 1200mm16W740 T8 CN I G	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
LEDtube 1200mm16W765 T8 CN I G	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
LEDtube 600mm8W765 T8 CN I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
LEDtube 600mm8W740 T8 CN I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Product	D1	D2	A1	A2	A3		
ESSENTIAL LEDtube HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm		
LEDtube HO 600mm 10W 730 T8 AP I G	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm		
LEDtube HO 1200mm 20W 740 T8 AP I G	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm		
LEDtube HO 600mm 10W 740 T8 AP I G	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm		
LEDtube HO 1200mm 20W 765 T8 AP I G	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm		
LEDtube HO 600mm 10W 765 T8 AP I G	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm		
LEDtube HO 1200mm 20W 730 T8 AP I G	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm		
LEDtube 1200mm 16W 765 T8 AP I G	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm	1212 mm	27.8 mm
LEDtube 600mm 8W 740 T8 AP I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm	602.5 mm	27.8 mm
LEDtube 1200mm 16W 740 T8 AP I G	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm	1212 mm	27.8 mm
LEDtube 600mm 8W 765 T8 AP I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm	602.5 mm	27.8 mm

Essential LEDtube

Dimensional drawing



Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
ESSENTIAL LEDtube 600mm 8W830 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
ESSENTIAL LEDtube 600mm 8W865 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
ESSENTIAL LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
ESSENTIAL LEDtube 1200mm 16W830 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
ESSENTIAL LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Light Technical

LLmf At End Of Nominal Lifetime (Nom)	70 %
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Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001127410	LEDtube 1200mm16W740 T8 CN I G	16 kWh	A+
929001127510	LEDtube 1200mm16W765 T8 CN I G	16 kWh	A+
929001127610	LEDtube 600mm8W740 T8 CN I G	8 kWh	A+
929001127710	LEDtube 600mm8W765 T8 CN I G	8 kWh	A+
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 kWh	A+
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 kWh	A+
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 kWh	A+
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 kWh	A+
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	20 kWh	A+
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	20 kWh	A+
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	10 kWh	A+
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	10 kWh	A+
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	20 kWh	A+
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	10 kWh	A+
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	25 kWh	A+
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	25 kWh	A+
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	8 kWh	A++
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 kWh	A++
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 kWh	A++
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	16 kWh	A++
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 kWh	A++
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 kWh	A++
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 kWh	A+
929001919412	CorePro LEDtube T8 8ft 30W840 WV FAB	-	-
929001950812	CorePro LEDtube T8 8ft 30W865 WV FAB	-	-

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)
929001127410	LEDtube 1200mm16W740 T8 CN I G	220-240 V	16 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)
929001127510	LEDtube 1200mm16W765 T8 CN I G	220-240 V	16 W

Essential LEDtube

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001127610	LEDtube 600mm8W740 T8 CN I G	220-240 V	8 W
929001127710	LEDtube 600mm8W765 T8 CN I G	220-240 V	8 W
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	220-240 V	16 W
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	220-240 V	16 W
929001184738	LEDtube 600mm 8W 740 T8 AP I G	220-240 V	8 W
929001184838	LEDtube 600mm 8W 765 T8 AP I G	220-240 V	8 W
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	220-240 V	20 W
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	220-240 V	20 W
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	220-240 V	10 W
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	220-240 V	10 W
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	220-240 V	20 W
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	220-240 V	10 W
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	220-240 V	25 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	220-240 V	25 W
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	100-240 V	8 W
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	100-240 V	8 W
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	100-240 V	8 W
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	100-240 V	16 W
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	100-240 V	16 W
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	100-240 V	16 W
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	220-240 V	18 W
929001919412	CorePro LEDtube T8 8ft 30W840 WV FA8	120-277 V	30 W
929001950812	CorePro LEDtube T8 8ft 30W865 WV FA8	120-277 V	30 W

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
929001127410	LEDtube 1200mm16W740 T8 CN I G	G13	15000 h	15000 h	50000X
929001127510	LEDtube 1200mm16W765 T8 CN I G	G13	15000 h	15000 h	50000X
929001127610	LEDtube 600mm8W740 T8 CN I G	G13	15000 h	15000 h	50000X
929001127710	LEDtube 600mm8W765 T8 CN I G	G13	15000 h	15000 h	50000X
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	G13	15000 h	15000 h	50000X
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	G13	15000 h	15000 h	50000X
929001184738	LEDtube 600mm 8W 740 T8 AP I G	G13	15000 h	15000 h	50000X
929001184838	LEDtube 600mm 8W 765 T8 AP I G	G13	15000 h	15000 h	50000X
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	G13	15000 h	15000 h	50000X
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	G13	15000 h	15000 h	50000X
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	G13	15000 h	15000 h	50000X

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	G13	15000 h	15000 h	50000X
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	G13	15000 h	15000 h	50000X
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	G13	15000 h	15000 h	50000X
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	G13	30000 h	30000 h	50000X
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	G13	30000 h	30000 h	50000X
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	G5	30000 h	30000 h	50000X
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	30000 h	30000 h	50000X
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	30000 h	30000 h	50000X
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	30000 h	30000 h	50000X
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	30000 h	30000 h	50000X

Essential LEDtube

Order Code	Full Product Name	Cap-Base	Nominal	Rated	Switching Cycle
			Lifetime (Nom)	Lifetime (Hours)	
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	30000 h	30000 h	50000X
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	G13	30000 h	30000 h	200000X

Order Code	Full Product Name	Cap-Base	Nominal	Rated	Switching Cycle
			Lifetime (Nom)	Lifetime (Hours)	
929001919412	CorePro LEDtube T8 8ft 30W840 WV FA8	FA8	36000 h	36000 h	50000X
929001950812	CorePro LEDtube T8 8ft 30W865 WV FA8	FA8	36000 h	36000 h	50000X

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated	Color
				Color Temperature (Nom)	Rendering Index (Nom)
929001127410	LEDtube 1200mm16W740 T8 CN I G	240 °	740	4000 K	73
929001127510	LEDtube 1200mm16W765 T8 CN I G	240 °	765	6500 K	73
929001127610	LEDtube 600mm8W740 T8 CN I G	240 °	740	4000 K	73
929001127710	LEDtube 600mm8W765 T8 CN I G	240 °	765	6500 K	73
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	-	740	4000 K	73
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	-	765	6500 K	73
929001184738	LEDtube 600mm 8W 740 T8 AP I G	-	740	4000 K	73
929001184838	LEDtube 600mm 8W 765 T8 AP I G	-	765	6500 K	73
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	-	740	4000 K	70
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	-	765	6500 K	70
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	-	740	4000 K	70
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	-	765	6500 K	70
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	-	730	3000 K	70

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated	Color
				Color Temperature (Nom)	Rendering Index (Nom)
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	-	730	3000 K	70
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	-	840	4000 K	80
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	-	830	3000 K	80
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	-	830	3000 K	80
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	-	840	4000 K	80
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	-	865	6500 K	80
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	-	830	3000 K	80
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	-	840	4000 K	80
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	-	865	6500 K	80
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	-	865	6500 K	80
929001919412	CorePro LEDtube T8 8ft 30W840 WV FA8	240 °	840	4000 K	80
929001950812	CorePro LEDtube T8 8ft 30W865 WV FA8	240 °	865	6500 K	80

Light Technical (2/2)

Essential LEDtube

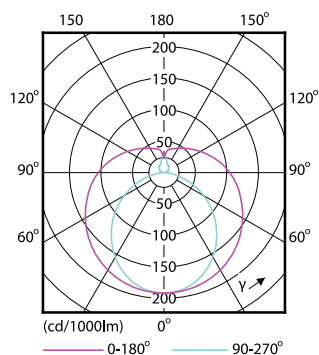
Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Rated Beam Angle
929001127410	LEDtube 1200mm16W740 T8 CN I G	1600 lm	1600 lm	240 °
929001127510	LEDtube 1200mm16W765 T8 CN I G	1600 lm	1600 lm	240 °
929001127610	LEDtube 600mm8W740 T8 CN I G	800 lm	800 lm	240 °
929001127710	LEDtube 600mm8W765 T8 CN I G	800 lm	800 lm	240 °
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	1600 lm	1600 lm	-
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	1600 lm	1600 lm	-
929001184738	LEDtube 600mm 8W 740 T8 AP I G	800 lm	800 lm	-
929001184838	LEDtube 600mm 8W 765 T8 AP I G	800 lm	800 lm	-
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	2100 lm	2100 lm	-
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	2100 lm	2100 lm	-
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	1050 lm	1050 lm	-
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	1050 lm	1050 lm	-
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	1900 lm	1900 lm	-

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Rated Beam Angle
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	950 lm	950 lm	-
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	3000 lm	3000 lm	-
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	2800 lm	2800 lm	-
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	1000 lm	1000 lm	-
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	1050 lm	1050 lm	-
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	1050 lm	1050 lm	-
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	2000 lm	2000 lm	-
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	2100 lm	2100 lm	-
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	2100 lm	2100 lm	-
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	2100 lm	2100 lm	-
929001919412	CorePro LEDtube T8 8ft 30W840 WV FA8	3500 lm	3500 lm	240 °
929001950812	CorePro LEDtube T8 8ft 30W865 WV FA8	3500 lm	3500 lm	240 °

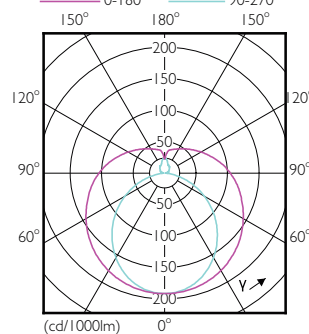
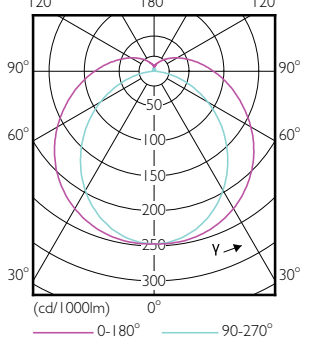
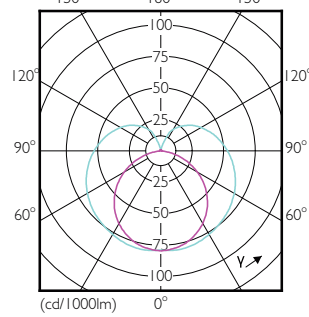
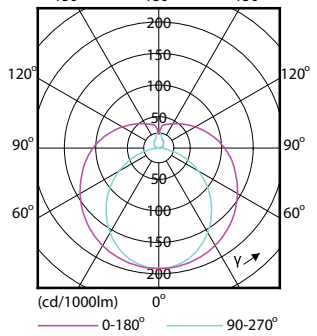
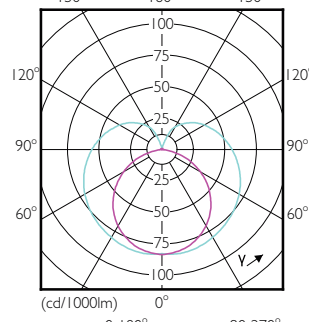
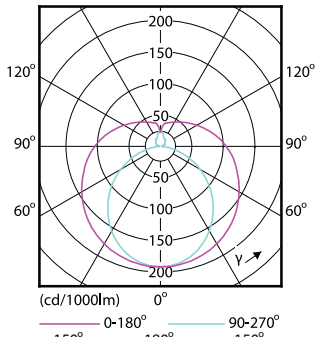
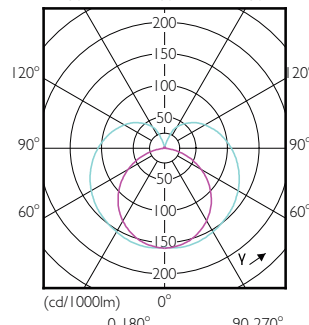
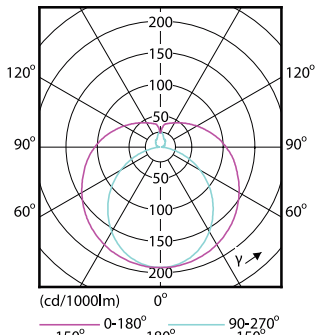
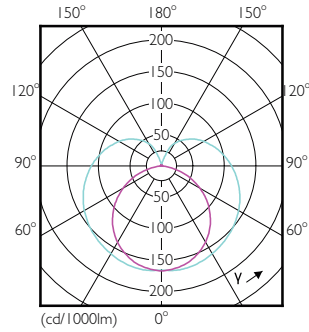
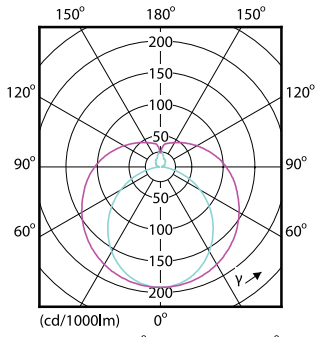
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001127410	LEDtube 1200mm16W740 T8 CN I G	60 °C
929001127510	LEDtube 1200mm16W765 T8 CN I G	60 °C
929001127610	LEDtube 600mm8W740 T8 CN I G	60 °C
929001127710	LEDtube 600mm8W765 T8 CN I G	60 °C
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	60 °C
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	60 °C
929001184738	LEDtube 600mm 8W 740 T8 AP I G	60 °C
929001184838	LEDtube 600mm 8W 765 T8 AP I G	60 °C
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	65 °C
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	65 °C
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	65 °C
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	65 °C
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	65 °C
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	65 °C
929001289508	ESSENTIAL LEDtube 1500mm 25W 840 I	85 °C
929001289608	ESSENTIAL LEDtube 1500mm 25W 830 I	85 °C
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	70 °C
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	70 °C
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	70 °C
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	70 °C
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	65 °C
929001919412	CorePro LEDtube T8 8ft 30W840 WV FA8	45 °C
929001950812	CorePro LEDtube T8 8ft 30W865 WV FA8	45 °C



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