



# The affordable LED solution

## CorePro LEDtube EM/Mains T8

The CorePro LEDtube is an affordable LED solution 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

- Minimizes overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology

### Features

- Only 50% energy consumption compared to fluorescent tubes
- Lasts two times longer than fluorescent tubes
- Retrofit replacement of existing T8 lamps on electromagnetic (EM) ballast installations

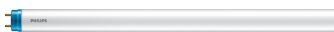
### Application

- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

### Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

### Versions



Medium Bi-Pin Fluorescent Tube,  
single-ended Frosted



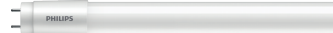
Medium Bi-Pin Fluorescent Tube,  
single-ended

# CorePro LEDtube EM/Mains T8

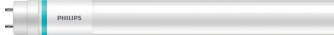
## Versions



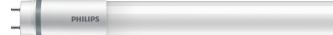
Medium Bi-Pin Fluorescent Tube,  
double-ended



Medium Bi-Pin Fluorescent Tube,  
single-ended



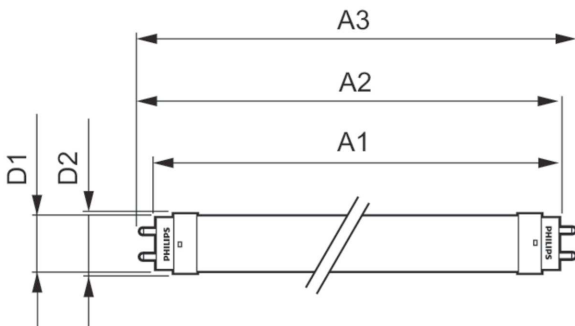
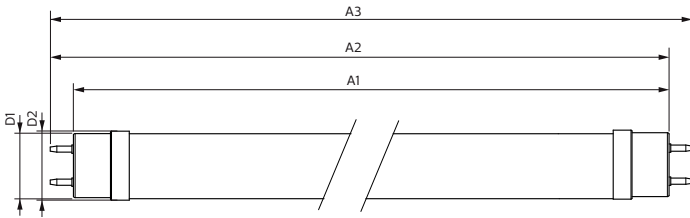
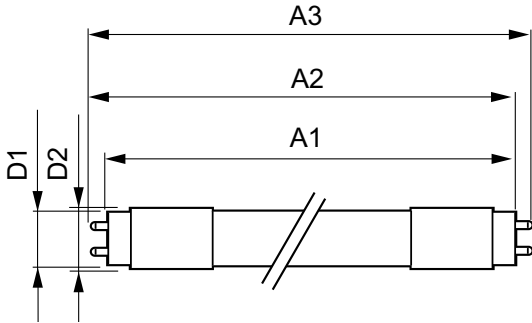
Medium Bi-Pin Fluorescent Tube,  
single-ended Frosted



Medium Bi-Pin Fluorescent Tube,  
double-ended Frosted

# CorePro LEDtube EM/Mains T8

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W 840 T8	25.8 mm	28 mm	1762.6 mm	1769.7 mm	1776.8 mm

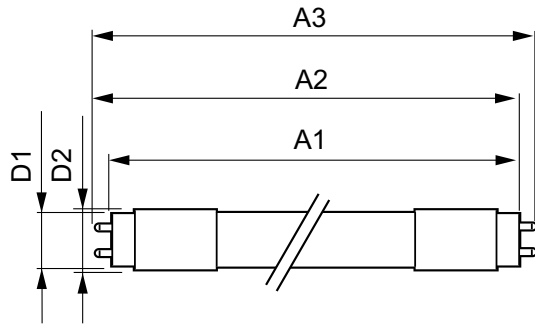
Product	D1	D2	A1	A2	A3
CorePro Ledtube 1200mm 13.5W 840 T8 G13	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
CorePro Ledtube 1200mm 13.5W 865 T8 G13	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W 840 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1500mm HO 24W 840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1500mm HO 24W 865 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 600mm 8W865	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 600mm 8W840	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CorePro LEDtube 1200mm 14.5W865	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1500mm 20W 865	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1500mm 20W 840	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1200mm 16W865 AU	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1500mm 22W 840 AU	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 600mm 8.8W840 AU	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

# CorePro LEDtube EM/Mains T8

## Dimensional drawing

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 22W 865 AU	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
CorePro LEDtube 1200mm 16W840 AU	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 600mm 8.8W865 AU	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm



Product	D1	D2	A1	A2	A3
CorePro LEDTube 8ft 33W 3800lm 865 T8 BR	27.8 mm	27.8 mm	2373.1 mm	2380.2 mm	2387.3 mm
CorePro LEDtube 1200mm HO 18W840 C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 840 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 830 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 1200mm 18W 865 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm
CorePro LEDtube 600mm 9W 840 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm
CorePro LEDtube 600mm 9W 830 T8C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm
CorePro LEDtube 600mm 9W 865 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm

# CorePro LEDtube EM/Mains T8

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

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

Cap-Base	G13
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## Light Technical

Color Rendering Index (Nom)	80
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Llmf At End Of Nominal Lifetime (Nom)	70 %
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## Temperature

T-Ambient (Max)	45 °C
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T-Ambient (Min)	-20 °C
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T-Storage (Min)	-40 °C
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001337919	CorePro LEDtube 1500mm 22W 840 AU	20 kWh
929001338019	CorePro LEDtube 1500mm 22W 865 AU	20 kWh
929001338619	CorePro LEDtube 600mm 8.8W840 AU	8 kWh
929001338719	CorePro LEDtube 600mm 8.8W865 AU	8 kWh
929001338819	CorePro LEDtube 1200mm 16W840 AU	15 kWh
929001338919	CorePro LEDtube 1200mm 16W865 AU	15 kWh
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	18 kWh
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	24 kWh
929003022102	CorePro LEDtube 600mm 8W840	8 kWh
929003022202	CorePro LEDtube 600mm 8W865	8 kWh
929003022302	CorePro LEDtube 1200mm 14.5W840	15 kWh
929003022402	CorePro LEDtube 1200mm 14.5W865	15 kWh
929003022502	CorePro LEDtube 1500mm 20W 840	20 kWh
929003022602	CorePro LEDtube 1500mm 20W 865	20 kWh
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	18 kWh
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	18 kWh
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	18 kWh
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	18 kWh
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	18 kWh
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	- kWh
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	9 kWh
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	9 kWh
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	9 kWh
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	14 kWh
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	14 kWh
929002998802	CorePro LEDtube 1800mm 21W 840 T8	21 kWh

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001337919	CorePro LEDtube 1500mm 22W 840 AU	220-240 V	22 W
929001338019	CorePro LEDtube 1500mm 22W 865 AU	220-240 V	22 W
929001338619	CorePro LEDtube 600mm 8.8W840 AU	220-240 V	8.8 W
929001338719	CorePro LEDtube 600mm 8.8W865 AU	220-240 V	8.8 W
929001338819	CorePro LEDtube 1200mm 16W840 AU	220-240 V	16 W
929001338919	CorePro LEDtube 1200mm 16W865 AU	220-240 V	16 W
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	220-240 V	18 W
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	220-240 V	18 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	220-240 V	24 W
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	220-240 V	24 W
929003022102	CorePro LEDtube 600mm 8W840	220-240 V	8 W
929003022202	CorePro LEDtube 600mm 8W865	220-240 V	8 W
929003022302	CorePro LEDtube 1200mm 14.5W840	220-240 V	14.5 W
929003022402	CorePro LEDtube 1200mm 14.5W865	220-240 V	14.5 W
929003022502	CorePro LEDtube 1500mm 20W 840	220-240 V	20 W
929003022602	CorePro LEDtube 1500mm 20W 865	220-240 V	20 W
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	100-240 V	18 W
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	100-240 V	18 W
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	100-240 V	18 W

## CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)
			(Nom)
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	100-240 V	18 W
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	100-240 V	18 W
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	100-240 V	33 W
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	100-240 V	9 W
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	100-240 V	9 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)
			(Nom)
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	100-240 V	9 W
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	100-240 V	13.5 W
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	100-240 V	13.5 W
929002998802	CorePro LEDtube 1800mm 21W 840 T8	220-240 V	21 W

### General Information

Order Code	Full Product Name	Nominal	Switching
		Lifetime (Nom)	Cycle
929001337919	CorePro LEDtube 1500mm 22W 840 AU	30000 h	200000X
929001338019	CorePro LEDtube 1500mm 22W 865 AU	30000 h	200000X
929001338619	CorePro LEDtube 600mm 8.8W840 AU	30000 h	200000X
929001338719	CorePro LEDtube 600mm 8.8W865 AU	30000 h	200000X
929001338819	CorePro LEDtube 1200mm 16W840 AU	30000 h	200000X
929001338919	CorePro LEDtube 1200mm 16W865 AU	30000 h	200000X
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	30000 h	200000X
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	30000 h	200000X
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	30000 h	200000X
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	30000 h	200000X
929003022102	CorePro LEDtube 600mm 8W840	30000 h	200000X
929003022202	CorePro LEDtube 600mm 8W865	30000 h	200000X
929003022302	CorePro LEDtube 1200mm 14.5W840	30000 h	200000X
929003022402	CorePro LEDtube 1200mm 14.5W865	30000 h	200000X

Order Code	Full Product Name	Nominal	Switching
		Lifetime (Nom)	Cycle
929003022502	CorePro LEDtube 1500mm 20W 840	30000 h	200000X
929003022602	CorePro LEDtube 1500mm 20W 865	30000 h	200000X
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	25000 h	50000X
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	25000 h	50000X
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	25000 h	50000X
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	25000 h	50000X
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	25000 h	50000X
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	25000 h	50000X
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	25000 h	50000X
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	25000 h	50000X
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	25000 h	50000X
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	30000 h	200000X
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	30000 h	200000X
929002998802	CorePro LEDtube 1800mm 21W 840 T8	30000 h	200000X

### Light Technical

## CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Beam	Correlated		Luminous
		Angle (Nom)	Color Code	Temperature (Nom)	
929001337919	CorePro LEDtube 1500mm 22W 840 AU	240 °	840	4000 K	2200 lm
929001338019	CorePro LEDtube 1500mm 22W 865 AU	240 °	865	6500 K	2200 lm
929001338619	CorePro LEDtube 600mm 8.8W840 AU	240 °	840	4000 K	800 lm
929001338719	CorePro LEDtube 600mm 8.8W865 AU	240 °	865	6500 K	800 lm
929001338819	CorePro LEDtube 1200mm 16W840 AU	240 °	840	4000 K	1600 lm
929001338919	CorePro LEDtube 1200mm 16W865 AU	240 °	865	6500 K	1600 lm
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	240 °	865	6500 K	2000 lm
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	240 °	840	4000 K	2000 lm
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	240 °	865	6500 K	2700 lm
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	240 °	840	4000 K	2700 lm
929003022102	CorePro LEDtube 600mm 8W840	240 °	840	4000 K	800 lm
929003022202	CorePro LEDtube 600mm 8W865	240 °	865	6500 K	800 lm
929003022302	CorePro LEDtube 1200mm 14.5W840	240 °	840	4000 K	1600 lm
929003022402	CorePro LEDtube 1200mm 14.5W865	240 °	865	6500 K	1600 lm
929003022502	CorePro LEDtube 1500mm 20W 840	240 °	840	4000 K	2200 lm

Order Code	Full Product Name	Beam	Correlated		Luminous
		Angle (Nom)	Color Code	Temperature (Nom)	
929003022602	CorePro LEDtube 1500mm 20W 865	240 °	865	6500 K	2200 lm
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	240 °	830	3000 K	1850 lm
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	240 °	840	4000 K	1850 lm
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	240 °	865	6500 K	1850 lm
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	240 °	840	4000 K	2100 lm
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	240 °	865	6500 K	2100 lm
929002000272	CorePro LEDtube 8ft 33W 3800lm 865 T8 BR	240 °	865	6500 K	3800 lm
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	240 °	830	3000 K	900 lm
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	240 °	840	4000 K	900 lm
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	240 °	865	6500 K	900 lm
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	240 °	840	4000 K	1800 lm
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	240 °	865	6500 K	1800 lm
929002998802	CorePro LEDtube 1800mm 21W 840 T8	160 °	840	4000 K	3100 lm

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001337919	CorePro LEDtube 1500mm 22W 840 AU	Frosted	Tube, single-ended
929001338019	CorePro LEDtube 1500mm 22W 865 AU	Frosted	Tube, single-ended

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001338619	CorePro LEDtube 600mm 8.8W840 AU	Frosted	Tube, single-ended
929001338719	CorePro LEDtube 600mm 8.8W865 AU	Frosted	Tube, single-ended

## CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001338819	CorePro LEDtube 1200mm 16W840 AU	Frosted	Tube, single-ended
929001338919	CorePro LEDtube 1200mm 16W865 AU	Frosted	Tube, single-ended
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	-	Tube, double-ended
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	-	Tube, double-ended
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	-	Tube, double-ended
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	-	Tube, double-ended
929003022102	CorePro LEDtube 600mm 8W840	Frosted	Tube, double-ended
929003022202	CorePro LEDtube 600mm 8W865	Frosted	Tube, double-ended
929003022302	CorePro LEDtube 1200mm 14.5W840	Frosted	Tube, double-ended
929003022402	CorePro LEDtube 1200mm 14.5W865	Frosted	Tube, double-ended
929003022502	CorePro LEDtube 1500mm 20W 840	Frosted	Tube, double-ended
929003022602	CorePro LEDtube 1500mm 20W 865	Frosted	Tube, double-ended

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	-	Tube, single-ended
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	-	Tube, single-ended
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	-	Tube, single-ended
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	-	Tube, single-ended
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	-	Tube, single-ended
929002000272	CorePro LEDTube 8ft 33W 3800lm 865 T8 BR	-	Tube, double-ended
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	-	Tube, single-ended
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	-	Tube, single-ended
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	-	Tube, single-ended
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	Frosted	Tube, single-ended
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	Frosted	Tube, single-ended
929002998802	CorePro LEDtube 1800mm 21W 840 T8	Frosted	Tube, double-ended

### Temperature

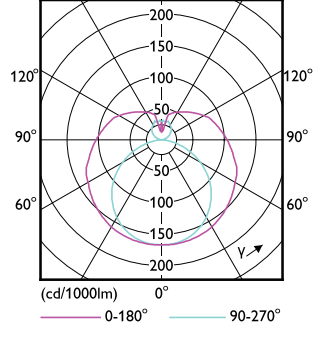
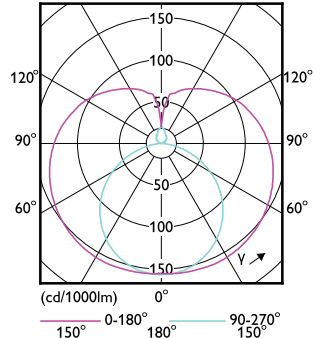
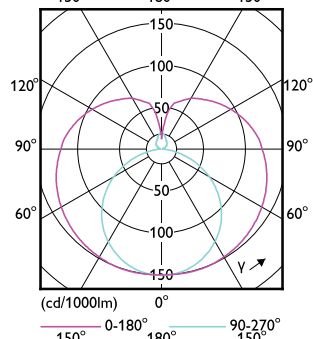
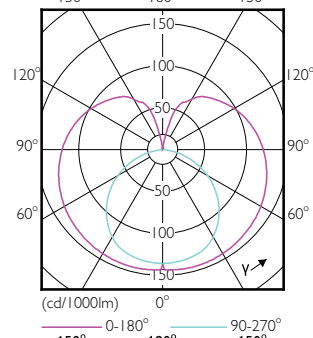
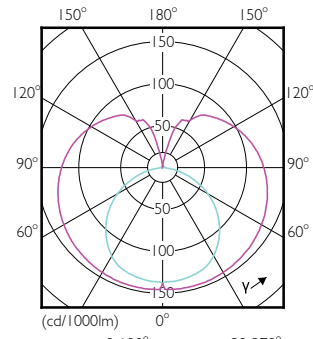
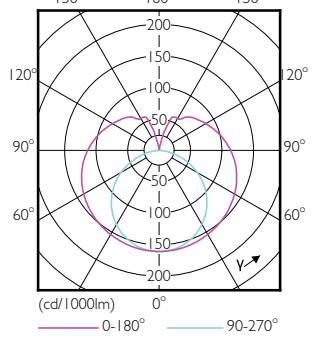
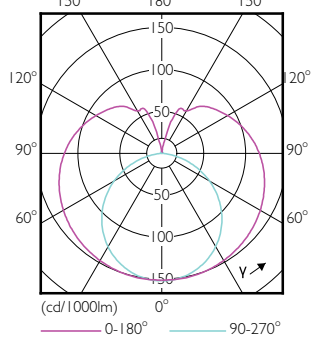
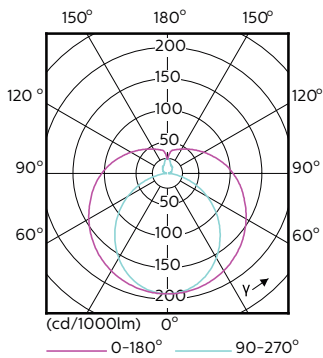
Order Code	Full Product Name	T-Case Maximum (Nom)	T-Storage (Max)
929001337919	CorePro LEDtube 1500mm 22W 840 AU	45 °C	65 °C
929001338019	CorePro LEDtube 1500mm 22W 865 AU	45 °C	65 °C
929001338619	CorePro LEDtube 600mm 8.8W840 AU	40 °C	65 °C
929001338719	CorePro LEDtube 600mm 8.8W865 AU	40 °C	65 °C
929001338819	CorePro LEDtube 1200mm 16W840 AU	40 °C	65 °C
929001338919	CorePro LEDtube 1200mm 16W865 AU	40 °C	65 °C
929001874802	CorePro LEDtube 1200mm HO 18W 865 T8	50 °C	65 °C
929001874902	CorePro LEDtube 1200mm HO 18W 840 T8	50 °C	65 °C
929001875002	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C	65 °C
929001875102	CorePro LEDtube 1500mm HO 24W 840 T8	55 °C	65 °C
929003022102	CorePro LEDtube 600mm 8W840	40 °C	65 °C
929003022202	CorePro LEDtube 600mm 8W865	40 °C	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)	T-Storage (Max)
929003022302	CorePro LEDtube 1200mm 14.5W840	40 °C	65 °C
929003022402	CorePro LEDtube 1200mm 14.5W865	40 °C	65 °C
929003022502	CorePro LEDtube 1500mm 20W 840	45 °C	65 °C
929003022602	CorePro LEDtube 1500mm 20W 865	45 °C	65 °C
929001999772	CorePro LEDtube 1200mm 18W 830 T8C W G	65 °C	65 °C
929001999872	CorePro LEDtube 1200mm 18W 840 T8C W G	65 °C	65 °C
929001999972	CorePro LEDtube 1200mm 18W 865 T8C W G	65 °C	65 °C
929002000072	CorePro LEDtube 1200mm HO 18W840 C W G	65 °C	65 °C
929002000172	CorePro LEDtube 1200mm HO 18W865 C W G	65 °C	65 °C
929002000272	CorePro LEDTube 8ft 33W 3800lm 865 T8 BR	50 °C	60 °C
929002000372	CorePro LEDtube 600mm 9W 830 T8C W G	65 °C	65 °C



# CorePro LEDtube EM/Mains T8

Order Code	Full Product Name	T-Case Maximum (Nom)	T-Storage (Max)
929002000472	CorePro LEDtube 600mm 9W 840 T8 C W G	65 °C	65 °C
929002000572	CorePro LEDtube 600mm 9W 865 T8 C W G	65 °C	65 °C
929002468108	CorePro Ledtube 1200mm 13.5W 840 T8 G13	60 °C	65 °C
929002468208	CorePro Ledtube 1200mm 13.5W 865 T8 G13	60 °C	65 °C
929002998802	CorePro LEDtube 1800mm 21W 840 T8	60 °C	65 °C



# CorePro LEDtube EM/Mains T8

