



E-CORE LED TUBE

The LED TUBE lets you perfectly light up large spaces where used to be installed T8 lamps. It will ensure bright light and a low consumption of energy. It is available either in warm white, neutral white or cold white, in 800 to 2,200 lm.

Application:

- + Retail area
- + Parking area
- + Circulation and Common area

Product details

- ⊕ Very high efficiency
 - ⊕ Wide light distribution – 160 degree
 - ⊕ Retrofit appearance
- ⊕ Life time 40,000 hours
 - ⊕ For use only on CCG systems – please use dummy starter included

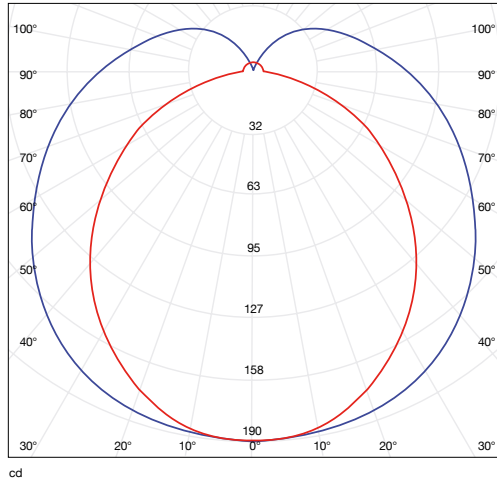
Optical parameters

MODEL NAME	E-CORE LED TUBE		
Product code	LDL82C930G1EU	LDL82C940G1EU	LDL84C1840G1EU
Luminous flux (lm)	800	900	1,900
Colour description	Warm white	Neutral white	Neutral white
Colour temperature (K)	3000	4000	4000
Colour rendering index (Ra)	Typ. 84 / min. 80	Typ. 84 / min. 80	Typ. 84 / min. 80
Beam angle	160°	160°	160°
Lamp efficacy (lm/W)	88,9	100	105,6
Product code	LDL85C2240G1EU	LDL84C1865G1EU	LDL85C2265G1EU
Luminous flux (lm)	2,200	1,900	2,200
Colour description	Neutral white	Cool white	Cool white
Colour temperature (K)	4000	6500	6500
Colour rendering index (Ra)	Typ. 84 / min. 80	Typ. 84 / min. 80	Typ. 84 / min. 80
Beam angle	160°	160°	160°
Lamp efficacy (lm/W)	100	105,6	100

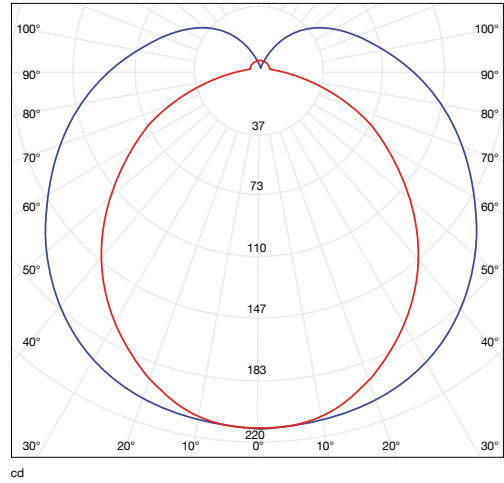
Optical parameters

POLAR CANDELA DISTRIBUTION

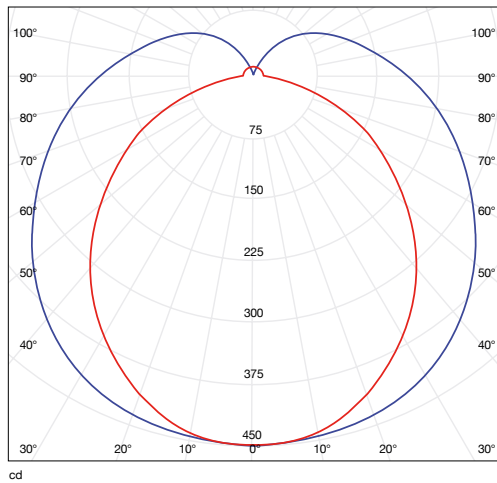
LDL82C930G1EU



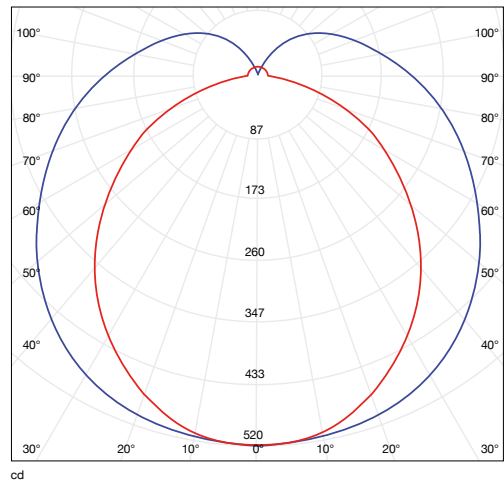
LDL82C940G1EU



LDL84C1840G1EU / LDL84C1865G1EU



LDL85C2240G1EU / LDL85C2265G1EU



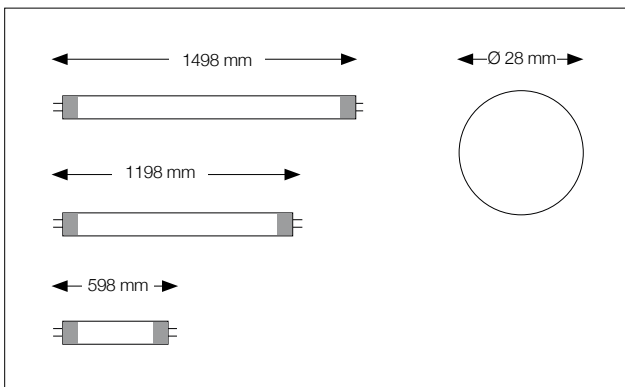
Electrical parameters

MODEL NAME	E-CORE LED TUBE		
Product code	LDL82C930G1EU	LDL82C940G1EU	LDL84C1840G1EU
Rated voltage (V)	220-240 V	220-240 V	220-240 V
Rated wattage (W)	9	9	18
Frequency (Hz)	50 / 60	50-60	50-60
Rated input current (mA)	39mA	39mA	78mA
Power factor	>0.90	>0.90	>0.90
Operating temperature)	-35 °C to 45 °C	-35 °C to 45 °C	-35 °C to 45 °C
Rated lifetime (h)	40,000	40,000	40,000
Dimming	No	No	No
Product code	LDL85C2240G1EU	LDL84C1865G1EU	LDL85C2265G1EU
Rated voltage (V)	220-240 V	220-240 V	220-240 V
Rated wattage (W)	22	18	22
Frequency (Hz)	50 / 60	50-60	50-60
Rated input current (mA)	96mA	39mA	96mA
Power factor	>0.90	>0.90	>0.90
Operating temperature)	-35 °C to 45 °C	-35 °C to 45 °C	-35 °C to 45 °C
Rated lifetime (h)	40,000	40,000	40,000
Dimming	No	No	No

Mechanical parameters

MODEL NAME	E-CORE LED TUBE		
Product code	LDL82C930G1EU	LDL82C940G1EU	LDL84C1840G1EU
Overall length (mm)	600	600	1200
Diameter (mm)	28	28	28
Net weight (g)	152	152	270
Cap	G13	G13	G13
Product code	LDL85C2240G1EU	LDL84C1865G1EU	LDL85C2265G1EU
Overall length (mm)	1500	1200	1500
Diameter (mm)	28	28	28
Net weight (g)	270	270	270
Cap	G13	G13	G13

Drawings



Logistic data

PRODUCT CODE	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LDL82C930G1EU	4974550452465	Gift box (1 pcs)	676 x 54 x 47	256
	14974550452462	Outer carton (12 pcs)	692 x 292 x 118	3,080
LDL82C940G1EU	4974550452472	Gift box (1 pcs)	676 x 54 x 47	256
	14974550452479	Outer carton (12 pcs)	692 x 292 x 118	3,080
LDL84C1840G1EU	4974550452489	Gift box (1 pcs)	1,282 x 54 x 47	438
	14974550452486	Outer carton (12 pcs)	1,306 x 300 x 133	5,550
LDL85C2240G1EU	4974550452502	Gift box (1 pcs)	1,583 x 54 x 47	520
	14974550452509	Outer carton (12 pcs)	1,600 x 292 x 118	6,550
LDL84C1865G1EU	4974550452496	Gift box (1 pcs)	1,282 x 54 x 47	438
	14974550452493	Outer carton (12 pcs)	1,306 x 300 x 133	5,550
LDL85C2265G1EU	4974550452519	Gift box (1 pcs)	1,583 x 54 x 47	520
	14974550452516	Outer carton (12 pcs)	1,600 x 292 x 118	6,550

Handling and safety information

- + Do not cover the lamp with paper, cloth or other easily flammable materials
- + Do not expose the lamp to water or high humidity
- + Avoid additional mechanical stress on the lamp
- + Do not touch the lamp during or shortly after usage. Risk of burn!
- + Use only with recommended drivers
- + Ambient temperature range: -35 °C to +45 °C
- + Do not look directly into the lamp
- + Do not spray pesticide on this lamp
- + Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting