



DATASHEET: ED TUBE

SPECIFICATIONS

Operating voltage: 230V/50-60Hz
 Dimmer type: 1-10VDC or potentiometer 100kΩ
 Dim range: 1-100%
 Connection: ED basic: connector and cable Ø9mm (5 wire 5* 1mm²), ED eco: cable Ø9mm (5 wire 5*1mm²)
 Light source: Fluorescent T8
 Light frequency: 40-100kHz
 Operating temp.: 0°C < Ta < +40°C
 Storage temp.: -25°C < Ta < +70°C
 Warranty: 2 Years

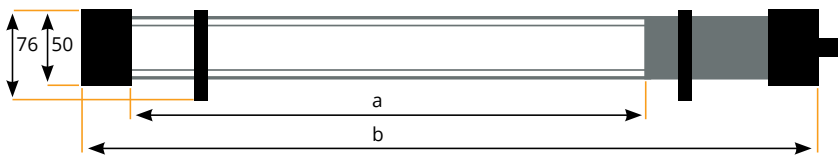
MATERIALS

Tube: Glass (high pressure cleaning and ammonia resistant)
 Connection cap ED basic: Silicone
 Connection cap ED eco: PP
 End cap ED eco/ED basic: PP

PRODUCT DETAILS

Art.nr.: ED - ##
 Connection: Technoconnector

DIMENSIONS



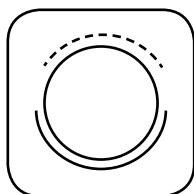
ED	a (mm)	b (mm)
1 x 18W T8	590	1100
1 x 36W T8	1200	1725
2 x 36W T8	2 x 1200	3000
1 x 58W T8	1500	2025



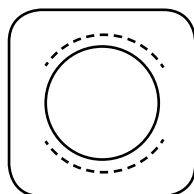


OPTIONAL

Protection foil: Anti shatter foil for glass
 Tube material: Polycarbonate
 (not steam and ammonia resistant)
 Reflectors: 180°+80°perforated
 80°perforated + 80°perforated



180° +
80°perforated



80°perforated
80°perforated



SPECIFICATIONS PER LAMP TYPE

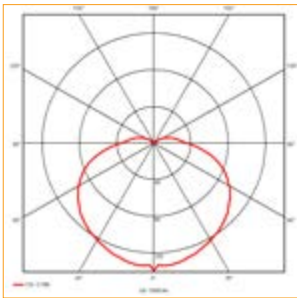
	ED-Basic 18W-T8	ED-Basic 1 x 36W-T8	ED-Basic 2 x 36W-T8	ED-Basic 1 x 58W-T8
Power consumption (W)	18.9	36	72.4	56
Cos. φ	0.97	0.98	0.99	0.98
Light output 100% brightness-level (lm/W)	1200	3000	6000	4700
Efficiency 100% brightness-level (lm/W)	64.5	83	83	84
Max fixtures/fuse 6A B type	15	15	9	10
Max fixtures/fuse 10A B type	25	25	15	17
Max fixtures/fuse 16A B type	41	41	25	28
Max fixtures/fuse 6A C type	25	25	15	16
Max fixtures/fuse 10A C type	41	41	25	28
Max fixtures/fuse 16A C type	64	64	40	46
Max fixtures/30mA Ground fault circuit breaker	20	20	20	20
Max fixtures/300mA Ground fault circuit breaker	200	200	200	200

MARKINGS

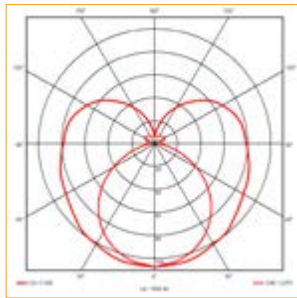




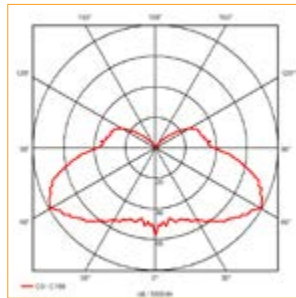
LIGHTSPREAD



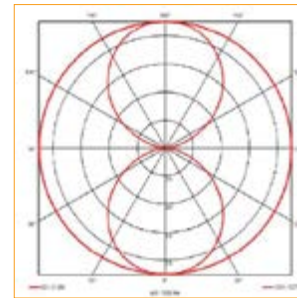
180° Reflector



80° Reflector



180° Reflector +
80° P.Reflector



No reflector

ACCESSORIES



KGH 50 - Suspension non-slipping
clip with chain



KGHU 50 - Universal Material: PP



KGW 50 - Non-slipping



KGZ 50 - Non-slipping with rope eye