

## TU-D 28W electronic retrofit

LED 2D4P 12.5W/ECG/840/GR10q TU BX1/10

93110765

### Product information

LED TU-D lamp offers safe, reliable and affordable energy saving alternative to CFL TU-D lamps used in bulkhead fixtures. LED TU-D lamps provide replacement solution for 16W and 28W fluorescent TU-D lamps,

- direct retrofit replacement on magnetic ballast (CCG);
- direct retrofit replacement on electronic high frequency ballast (ECG);
- rewire replacement directly on AC mains - ballast needs to be bypassed.

(See product description for proper identification.)

### Application areas



Office



Hospitality

## Product data

Product Code	93110765
Bulb Shape	2D
Net weight per piece [g]	140
Gross weight per piece [g]	232
Operating position	universal
Mercury Content [mg]	0g
RoHS compliant	Yes
Brand	Tungsräm
Cap/Base	GR10q

## Performance data

Nominal/ Rated Beam Angle [°]	120x130
Color consistency (SDCM)	<6 step
Rated Lumens [lm]	1550
Weighted energy consumption [kWh/1000h]	13.75
Rated efficacy [lm/W]	124
Energy efficiency class (EEC)	E
Rated life L70/B50 [h]	40000
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	1550
Colour Rendering Index (CRI) [Ra]	80

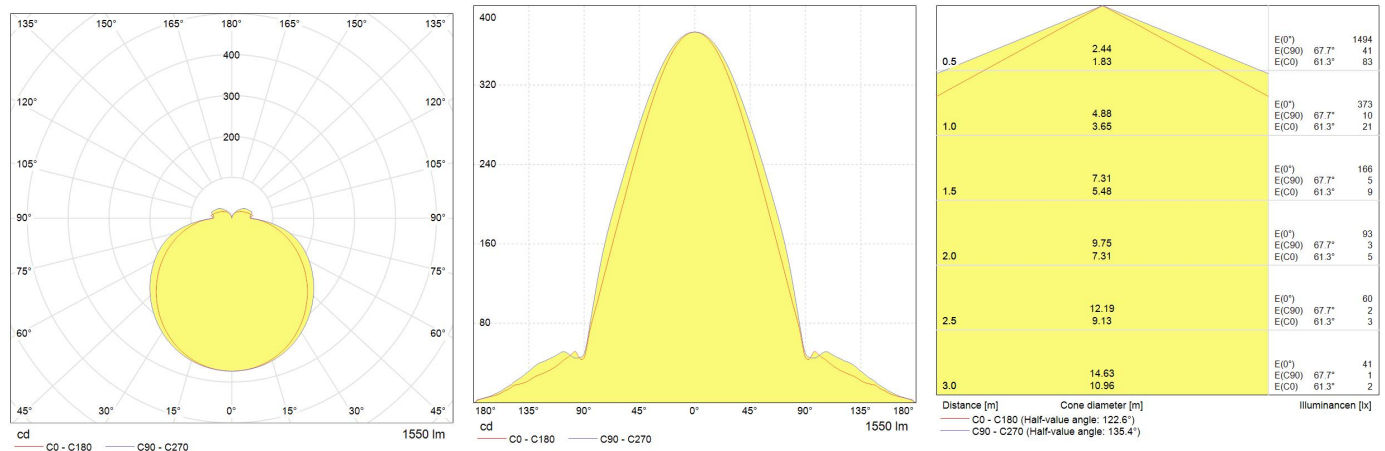
## Electrical data

Nominal lamp power factor...	ballast driven
Rated power [W]	12.5
Lamp Current [A]	ballast driven
Operating Temperature [°C]	-20°C~40°C
Operating Temperature (MIN) [°C]	-20°C
Operating Temperature (MAX) [°C]	40°C
Startup time [sec]	<0.5
Number of switching cycles	50000
Dimming Capability	No
Ballast Required	electronic
Nominal power [W]	12.5

## Logistic data

Shipment	Standard
DUN Code	15994100028311
EAN Code	5994100028314
Pack Quantity	10
Inner pack type	Bx
Outer pack type	outer bx
Layer quantity	100 EUR, 130 UK
Layer quantity EUR	100
Layer quantity UK	130
Pallet quantity EUR (PC)	400
Pallet quantity UK (PC)	520
Outer case size	384x220x223mm
Dimension [mm]	201×188×32.5
Product status	Available

## Light distribution



## Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Photometry \(IES\)](#)

[Link to EPREL \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Images \(HTTP\)](#)

[LED PlugIn compatibility ballasts \(HTTP\)](#)

[Installation guide \(PDF\)](#)