



S21 LED Tube

T8 LED Light Tube

1. Overview

Synergy 21 LED Daylight Lamp is suitable for the standard ceiling system of modern building. With LED as its light source, DL is solid state lighting offering up to 60% energy saving compared to conventional fluorescent lamp available

2. Application

Direct lighting for indoor illumination of resident, commercial and industrial building with standard ceiling system.

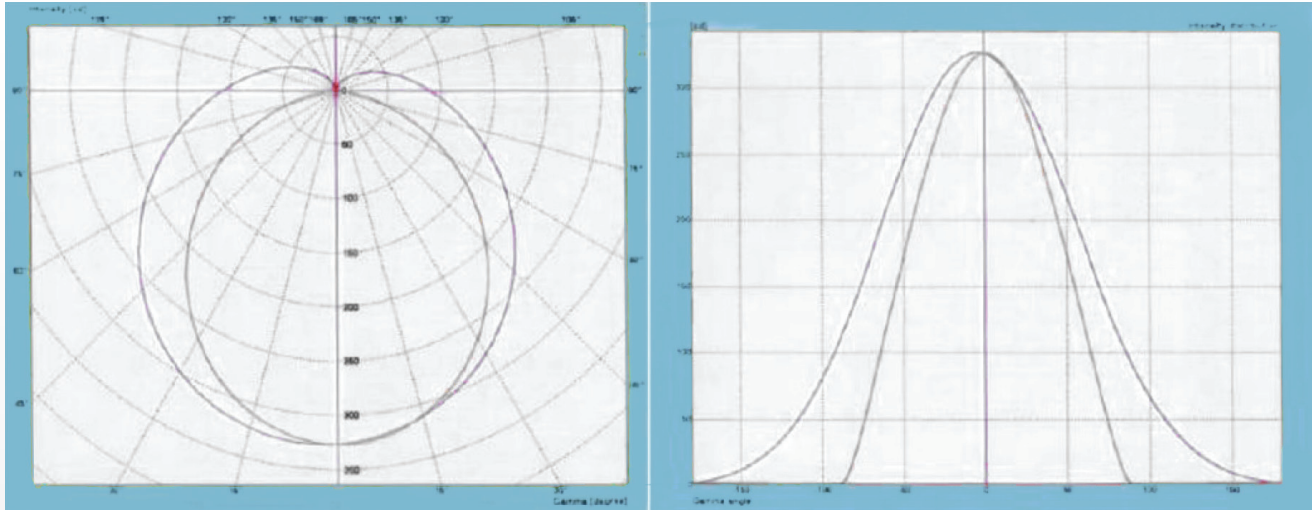
3. Feature

- Powersaving up to 50% (the lighting efficiency of 10W LED is equal to the normal 20W daylight lamp
- Use up to 96Lm/W of LED chips, LED lamp efficiency up to 80Lm/W
- Excellent power saving performance with high efficiency and high brightness LED
- Excellent thermal management design
- Steady light with no flickering for eye protection
- Klare reduction with customize design of lamp shade
- No starting problem even in freezing temperature
- Fast installation with common use plug and socket
- Human and environment-friendly (neither UV irradiation nor mercury contained)
- Directly replace the traditinal T8, T9, T10 fluorescent lamps, ballast for the traditional
- Electrostatic protection, RoHS Compliance

4. Certification

CE, FCC

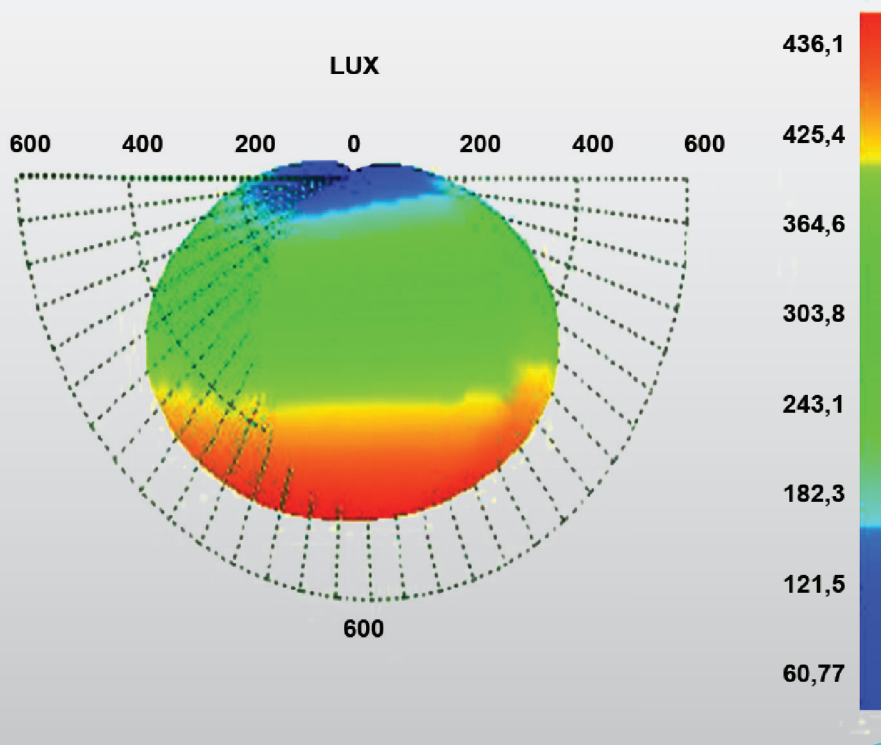
5. Distribution Curve



pool coordinates

cartesian coordinates

6. 3D Diagram



T8 LED Light Tube

7. Product Data

Product Number				
Customer Model Numer	82073 / 82074 / 82077	82307 / 82308 / 82309	82075 / 82076 / 82078	82304 / 82305/ 82306
Product name	T8 LED Light Tube	T8 LED Light Tube	T8 LED Light Tube	T8 LED Light Tube
Weight	260/275g	365g	460g	580g
Diameter	28mm	28mm	28mm	28mm
Bi-Pin	G13	G13	G13	G13
Body Material	6063 AL	6063 AL	6063 AL	6063 AL
Lamp shade	PS/PC plate	PS/PC plate	PS/PC plate	PS/PC plate
Dimension per piece	34mm x 580/590mm	34mm x 900mm	34mm x 1198mm	34mm x 1500mm
General Characteristics				
Cap-Base	IP-44	IP-44	IP-44	IP-44
Working temp °C	-20~+40	-20~+40	-20~+40	-20~+40
Storage temp °C	-40~+60	-40~+60	-40~+60	-40~+60
Electrical Characteristics				
Wattage (±10%)	10W	15W	20W	25W
Voltage	VAC 100-240V	VAC 100-240V	VAC 100-240V	VAC 100-240V
Efficiency %	85 (100VAC) 88 (220VAC)	85 (100VAC) 88 (220VAC)	85 (100VAC) 88 (220VAC)	85 (100VAC) 88 (220VAC)
Power factor	>85	>85	>85	>85
A (100VAC)	0,091	0,136	0,181	0,236
A (230VAC)	0,45	0,068	0,091	0,118
Frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Light Tech. Characteristics				
LED used	Harvatek	Harvatek	Harvatek	Harvatek
Colour Destination	White, True White, Yellow	White, True White, Yellow	White, True White, Yellow	White, True White, Yellow
Light Temperature	6000/4000/3000± 500K	6000/4000/3000± 500K	6000/4000/3000± 500K	6000/4000/3000± 500K
Light Attenuation	<= 10% (5000H)	<= 10% (5000H)	<= 10% (5000H)	<= 10% (5000H)
CRI	3000K > 75, 4000K 6000K > 70	3000K > 75, 4000K 6000K > 70	3000K > 75, 4000K 6000K > 70	3000K > 75, 4000K 6000K > 70
Beam angle	210	210	210	210
Luminous efficacy	>75 Lm/W	>75 Lm/W	>75 Lm/W	>75 Lm/W
Luminous flux	710 Lm	1130 Lm	1610 Lm	1875 Lm
Illuminance	182 Lux	265 Lux	360 Lux	420 Lux
Carton				
Dimension	126cm x 21cm x 11cm	126cm x 21cm x 11cm	126cm x 21cm x 11cm	126cm x 21cm x 11cm
Weight	6,5kg	8,3kg	11,5kg	13,8kg