

LED tube 18W 1500mm

Type:

QLT1500GB (120°)

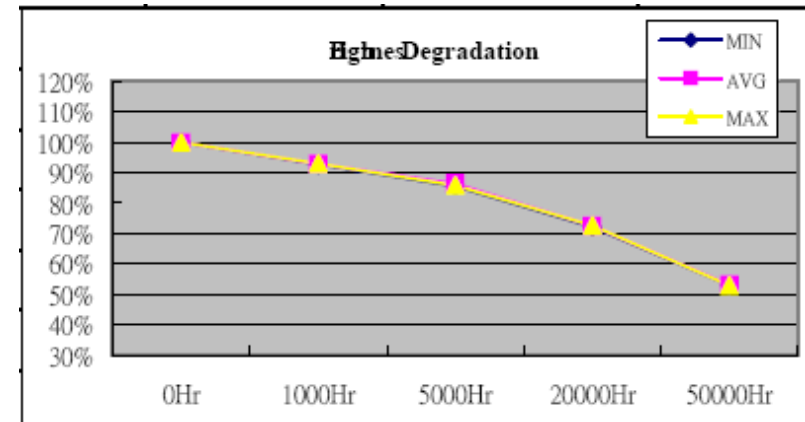
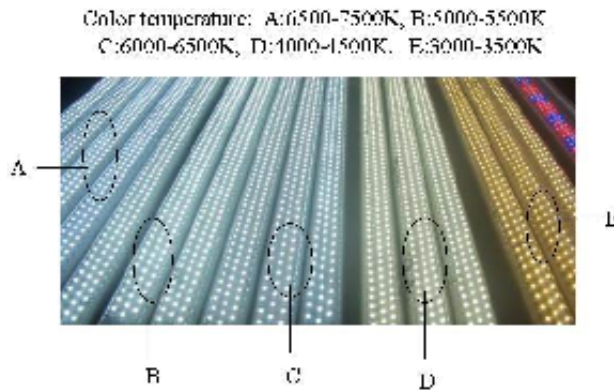
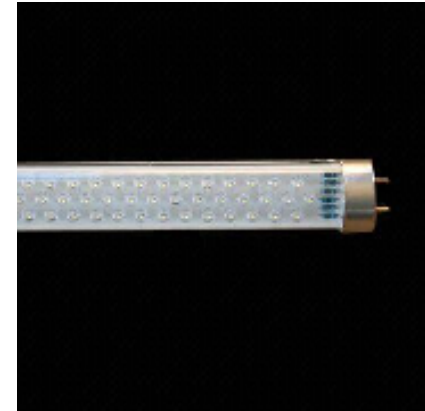
QLT1500GH (60°)

1500MM/420LED/18W LED TUBE LIGHT.

Main feature:

- High brightness and long life, up to 50000hr;
- 70%-80%energy saving than conventional Fluorescent tube lamp;
- No strobe and start without any delay;
- Green and Environmental Protection, no any ultraviolet ray and infrared;

REPLACED DIRECTLY WITH CONVENTIONAL 58W FLUORESCENT TUBE LIGHT.



Specification of LED tube 18W 1500mm

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Lighted Products since 1931



<u>LUX @ 2m :</u>	<u>warm/</u>	<u>natural</u>	<u>pure/</u>	<u>cold</u>
QLT1500GB :(120°)	136	135	146	155
QLT1500GH : (60°)	365	365	375	380

Voltage	AC65-120 165-245V
Housing	GLASS/PC TUBE HOUSEING, IP65
LED	420pcs
Ambient Temperature	-40C - +60C
Humidity	>95%
Color Temperature	4000-4500k (warm white), 5000-5500k (natural white), 6000-6500k (pure white), 7000-7500k (cold white)
life	50Khr AT LEAST
BASE	T8/T10
Tube length	30*1500mm
Luminous Flux: (lm)	1800lm
Power(W)	18W
power factor	>85%



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zugelassenem Lampenhalter



Consumption Fluorescent <-> LED tube 18W

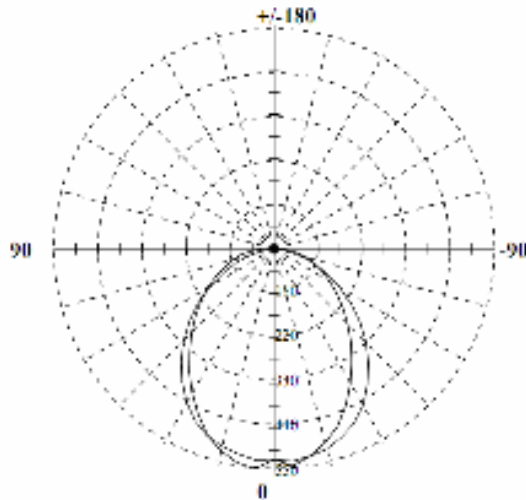
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Lighted Products since 1931



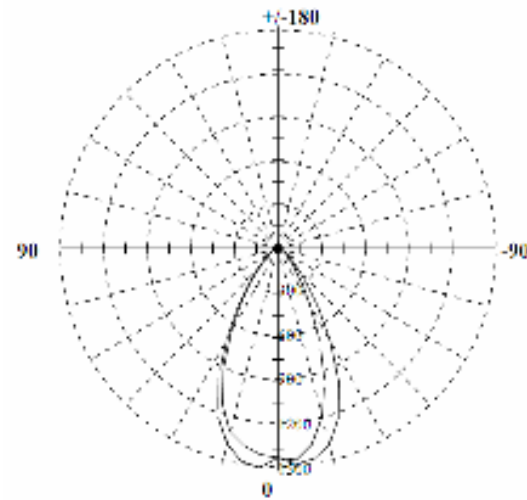
	Fluorescent Tube 58W	<->	OL LED 18W	
Lamp Wattage (incl. ballast)	68		18	
Lifetime (hours)	8,000		50,000	
Energy costs per lamp per month	~ 9,80 €*		~ 2,60 €*	
Energy costs based on lifetime of LED Tube	~ 686,- €		~ 182,- €	
Labor costs based on lifetime of LED Tube	10X7€= 70,- €		10,- €	
Total costs based on lifetime of LED Tube	760,- €		190,- €	<u>-75%</u>
CO2 emission @ lifetime of LED Tube (in kg)	2.986		734	<u>-75%</u>
Temperature of Environment	+10C - +50C		-40C - +60C	
Health	5 - 50mg Mercury		none	
Ballasts	required		not required	
Power harmonics	radio frequency			
	noise		no problem	
Beam angle	360°		120° or 60°	
Flicker Problems	possible		no problem	
Color Rendition	sometimes		no problem	
Dimming	not possible		no problem	
Heat output	normal		40% less	
lightcurve	normal		better	

* 0,20 € / kWh

Beam angle



OSHINO LAMPS led lamp 18W-120degree
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 524.66cd
Max Intensity(C90Plane): 542.62cd



OSHINO LAMPS led LAMP 18W-60degree
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 1458.26cd
Max Intensity(C90Plane): 1485.36cd

LED tube 15W 1200mm

Type:

QLT1200GB (120°)

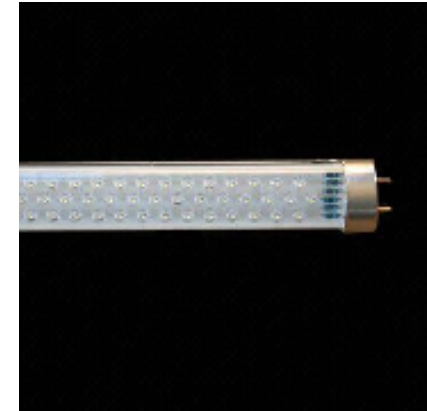
QLT1200GH (60°)

1200MM/342LED/15W LED TUBE LIGHT.

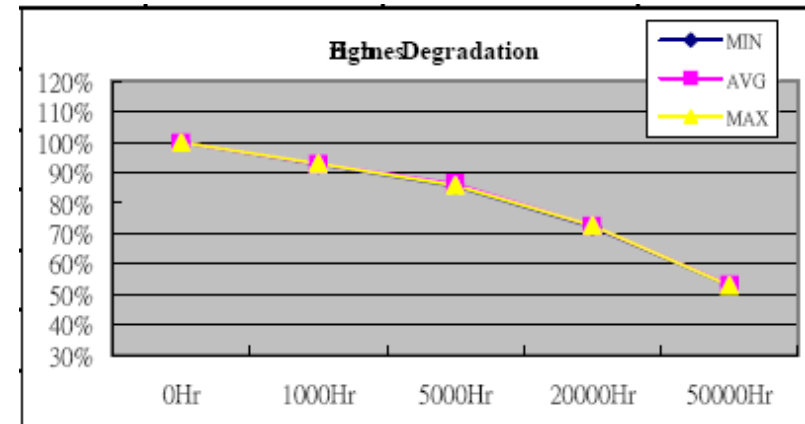
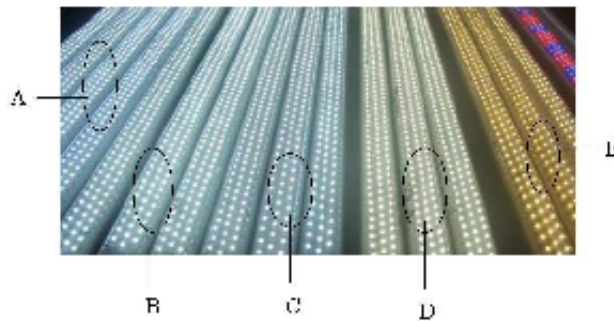
Main feature:

- High brightness and long life, up to 50000hr;
- 70%-80%energy saving than conventional Fluorescent tube lamp;
- No strobe and start without any delay;
- Green and Environmental Protection, no any ultraviolet ray and infrared;

**REPLACED DIRECTLY WITH CONVENTIONAL 36W – 45W
FLUORESCENT TUBE LIGHT.**



Color temperature: A:6500-7500K, B:5000-5500K
C:6000-6500K, D:4000-4500K, E:3000-3500K



Specification of LED tube 15W 1200mm

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Voltage	AC65-120 165-245V
Housing	GLASS/PC TUBE HOUSING, IP65
LED	342pcs
Ambient Temperature	-40C - +60C
Humidity	>95%
Color Temperature	4000-4500k (warm white), 5000-5500k (natural white), 6000-6500k (pure white), 7000-7500k (cold white)
life	50Khr AT LEAST
BASE	T8/T10
Tube length	30*1200mm
Luminous Flux: (lm)	1500lm
Power(W)	15W
power factor	>85%



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Consumption Fluorescent <-> LED tube 15W

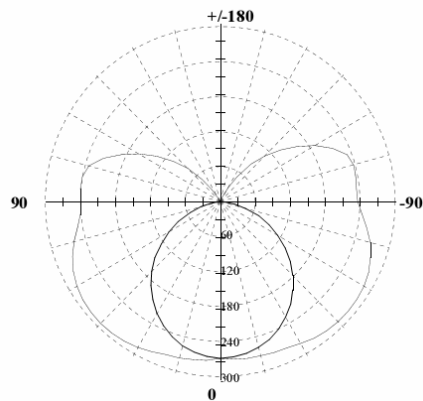
OSHINO LAMPS
Lighted Products since 1931



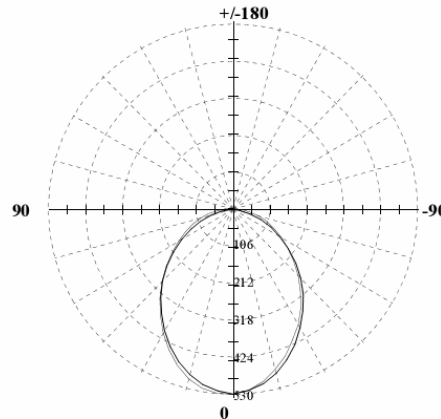
	Fluorescent Tube 45W	<->	OL LED 15W	
Lamp Wattage (incl. ballast)	45		15	
Lifetime (hours)	8,000		50,000	
Energy costs per lamp per month	~ 6,60 €*		~ 2,15 €*	
Energy costs based on lifetime of LED Tube	~ 460,- €		~ 151,- €	
Labor costs based on lifetime of LED Tube	10X7€= 70,- €		10,- €	
Total costs based on lifetime of LED Tube	530,- €		161,- €	<u>-70%</u>
CO2 emission @ lifetime of LED Tube (in kg)	2.986		734	<u>-76%</u>
Temperature of Environment	+10C - +50C		-40C - +60C	
Health	5 - 50mg Mercury		none	
Ballasts	required		not required	
Power harmonics	radio frequency noise		no problem	
Beam angle	360°		120° or 60°	
Flicker Problems	possible		no problem	
Color Rendition	sometimes		no problem	
Dimming	not possible		no problem	
Heat output	normal		40% less	
lightcurve	normal		better	

* 0,20 € / kWh

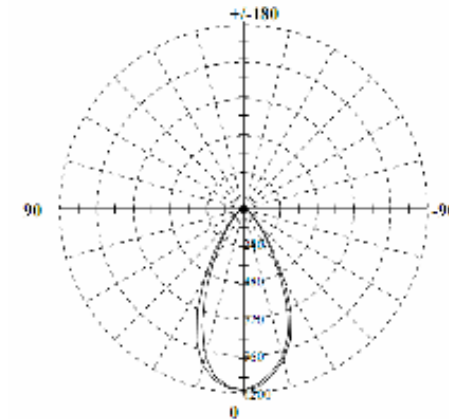
Beam angle



**Conventional
FLUORESCENT LAMP 36W**
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 264.16cd
Max Intensity(C90Plane): 290.25cd



**OSHINO LED
15W/120degree**
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 519.85cd
Max Intensity(C90Plane): 520.35cd



**OSHINO LED
15W/60degree**
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 1160.98cd
Max Intensity(C90Plane): 1160.98cd

LED tube 8W 600mm

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Lighted Products since 1931



Type:

QLT600GB (120°)

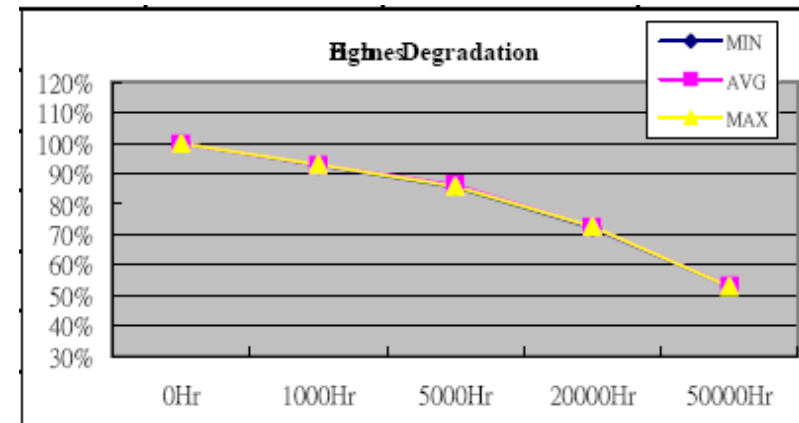
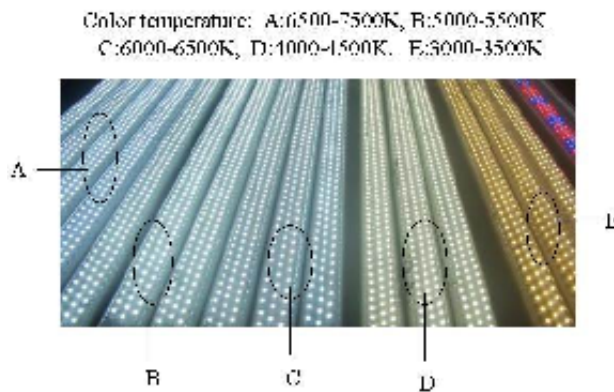
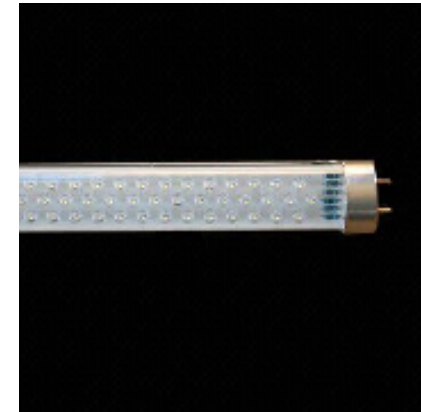
QLT600GH (60°)

600MM/174LED/8W LED TUBE LIGHT.

Main feature:

- High brightness and long life, up to 50000hr;
- 70%-80% energy saving than conventional Fluorescent tube lamp;
- No strobe and start without any delay;
- Green and Environmental Protection, no any ultraviolet ray and infrared;

REPLACED DIRECTLY WITH CONVENTIONAL 18W FLUORESCENT TUBE LIGHT.



Specification of LED tube 8W 600mm

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Voltage	AC65-120 165-245V
Housing	GLASS/PC TUBE HOUSING, IP65
LED	174pcs
Ambient Temperature	-40C - +60C
Humidity	>95%
Color Temperature	4000-4500k (warm white), 5000-5500k (natural white), 6000-6500k (pure white), 7000-7500k (cold white)
life	50Khr AT LEAST
BASE	T8/T10
Tube length	30*600mm
Luminous Flux: (lm)	650lm
Power(W)	8W
power factor	>85%



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Consumption Fluorescent <-> LED tube 8W

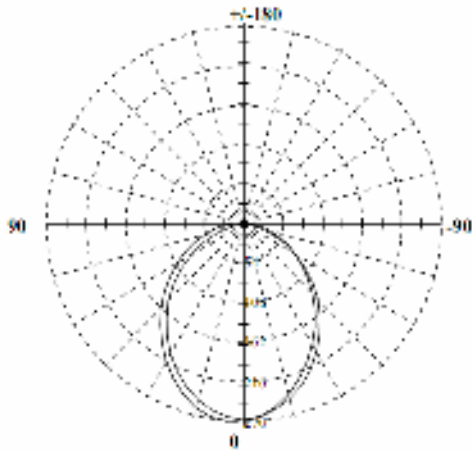
OSHINO LAMPS
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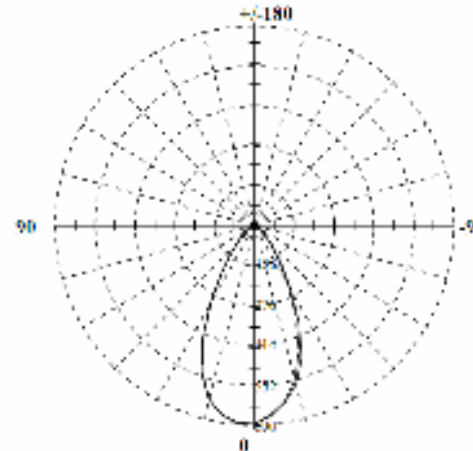
	Fluorescent Tube 18W	<->	OL LED 8W	
Lamp Wattage (incl. ballast)	28		8	
Lifetime (hours)	8,000		50,000	
Energy costs per lamp per month	~ 4,- €*		~ 1,15 €*	
Energy costs based on lifetime of LED Tube	~ 280,- €		~ 80,- €	
Labor costs based on lifetime of LED Tube	10X7€= 70,- €		10,- €	
Total costs based on lifetime of LED Tube	350,- €		90,- €	<u>-74%</u>
CO2 emission @ lifetime of LED Tube (in kg)	2.986		734	<u>-76%</u>
Temperature of Environment	+10C - +50C		-40C - +60C	
Health	5 - 50mg Mercury		none	
Ballasts	required		not required	
Power harmonics	radio frequency			
	noise		no problem	
Beam angle	360°		120° or 60°	
Flicker Problems	possible		no problem	
Color Rendition	sometimes		no problem	
Dimming	not possible		no problem	
Heat output	normal		40% less	
lightcurve	normal		better	

* 0,20 € / kWh

Beam angle



OSHINO LAMPS led lamp 18W-120degree
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 524.66cd
Max Intensity(C90Plane): 542.62cd



OSHINO LAMPS led LAMP 18W-60degree
Horizontal Angle Range: -180/180 Deg
Vertical Angle : 0 , 90 Deg
Max Intensity(C0Plane): 1458.26cd
Max Intensity(C90Plane): 1485.36cd