

LED X-Ray Illuminator



- The world's slimmest film illuminator only 2.4 cm thickness
- Excellent uniformity of light distribution
- Adopt the leading technology LED light source, the life time will be about 100,000 burning hours
- Nobler design. The frame adopts the new-style material
- The viewing screen has high finish degree, uniformity and soft light
- Greatly reduces eye-fatigue
- Adopt's advanced clipping device
- Hangs on wall like PDP - Flat TV
- Average luminance is 300 cd/m²-1200 cd/m² / average illuminance 900 lux-3300 lux

SPECIFICATIONS FOR LED X-RAY ILLUMINATORS

Model	Connection	Overall Dimensions (W x H x D)	Visual Size (W x H)	Type of Light Source	Power Consumed Watts	Power Supply Input
PD - TB 1-1	1	47 x 54.5 x 2.4 cm	36 x 44 cm	LED	15	AC 200-240 V 50 Hz
PD - TB 1-2	2	85 x 54.5 x 2.4 cm	74 x 44 cm		30	
PD - TB 1-3	3	123 x 54.5 x 4.2 cm	112 x 44 cm		45	
PD - TB 1-4	4	161 x 54.5 x 4.2 cm	150 x 44 cm		60	

EN ISO - 13485 : 2003 Certified



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PD-0 Series Ultra Thin LED High Luminance Illuminator



The highest average luminance for the latest illuminator is more than 4,000 cd/m² (average illuminance 13,000 lux).

Could be used for viewing and diagnosis of high density digital film and mammography film.

Nobler thin design - Thinness is only 4 cm.

Automatic Switch -ON/ OFF

The viewing area will be bright when film is inserted and it will black out when film is extracted out.

Luminance adjustment for large-scale (300-4,000 cd/m²). It meets the viewing and diagnostic requirement for different density film of simulation, digital and mammography adequately.

The life of LED is 100,000 hours. It is over 5 times than the CCFL lamp.

9300K white and light-blue color temperature is more suitable for viewing and diagnosis of film than the 6500K white light.

It is made from imported Acrylic euphotic panel, having high degree of finish, uniformity and soft light. Long life for use and not easy to transmutation and yellow discoloration.

Adopt LED backlight technology. There is no dark area in the viewing area. The uniformity of the viewing screen is more than 90%.

Adopts the global voltage 90V-240V built-in electrical source. Leading technology, saves space.

Takes the lead in satisfying the standard of mandatory luminance, evenness, stability, color temperature etc.

Specification and Technology Parameter

Model PD-OBI-E	1 Connection	2 Connection	3 Connection	4 Connection
Size (H x W x T cm)	47 x 54.5 x 4	83 x 54.5 x 4	119 x 54.5 x 4	155 x 54.5 x 4
Viewing area (H x W x cm)	36 x 44	72 x 44	108 x 44	144 x 44
Power Consumption	50 W	100 W	150 W	200 W
Backlight type color temperature, life	High luminance LED. 9,300K, 100,000 hours			
Power Supply	AC 90V-240V, 50/60 Hz Built-in electrical source			
Luminance and adjusting area	Average luminance 300 cd/m ² -4,000 cd/m ² / average illuminance 900 lux-13,000 lux			
Luminance Uniformity	90%			
Installation	Wall mounting or standing (for stand cost is extra)			
Suitable Film	Normal Simulation X-Ray Film, High Density Digital X-Ray Film, Mammography Film			
Use Condition	Illuminance of the viewing rooms should be less than 100 lux			