ETS•LINDGREN
An ESCO Technologies Company

Chamber Lighting

LED Lighting

Part Numbers 115420, 115459, and 115463

Features:

- **Ideal for Test Chamber Usage**
- **Suitable for New and Retrofit Construction**
- **50,000 Hours+ Life**
- **High Power LED**
- **Quick On/Off**
- **Reduced Energy Consumption**
- **No Audible Noise, No Flickering During Operation**
- **Patented Heat Sink and Optical Diffuser**

ETS-Lindgren's LED Chamber Lighting

ETS-Lindgren's LED (Light Emitting Diode) Light is a convenient, cost effective lighting solution, which is RF noise free and suitable for use in both new and retrofit construction. These solid state lights are high shock and vibration resistant, and are usable in EMC, Microwave, and Acoustic chambers.

The Patented Heat Sink and Optical Diffuser enhances the light produced by these LED lights. Additionally, due to their LED technology, these lights emit no audible noise, and do not flicker.

A low-cost, maintenance-free lighting solution, these lights have a longer life in comparison to standard incandescent and fluorescent bulbs. These lights are mercury-free, and have energy consumption savings greater than 50%. This light is a 100 watt light fixture, designed to be a direct replacement for a 400 watt metal halide light fixture.

FEATURES

RF Shielded

Because these lights are fully shielded, they introduce no RF noise into the test chamber.

Longer Life

The extended operational life greatly reduces the need for costly replacement of lamps, often associated with other types of lighting.

High Powered LED

The high powered LED offers a brighter illumination with a rating of 7,527 lumens.

Heat Sink and Optical Diffuser

The patented heat sink and optical diffuser enhances the LED light that is generated by this lamp.

Quick On/Off

The on/off feature of these lights allow for almost immediate operation, with only a two or three second start-up.

Reduced Energy Consumption

A 50% reduction in energy consumption results in operational cost savings and longer lamp life.

Noise-Free Operation

ETS-Lindgren's LED Chamber Light offers a no noise, non-flickering operation.

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STANDARD CONFIGURATION

- Lighting Assembly with LED Lamp
- Diffuser
- Mounting Bracket

Electrical Specifications

PART #	WATTAGE	LUMENS	COLOR TEMPERATURE	LIFE HOURS	HOUSING TEMPERATURE	AMBIENT TEMPERATURE	WORKING VOLTAGE	HERTZ
115420	100W	7,527 LM	Day White: 5,500 K - 6,000 K	50,000+	< 35^0 C < 95^0 F	- 40 to 45^0 C - 40 to 113^0 F	AC 120 V	50/60
115459	100W	7,527 LM	Day White: 5,500 K - 6,000 K	50,000+	< 35^0 C < 95^0 F	- 40 to 45^0 C - 40 to 113^0 F	AC 220 V	50/60
115463	100W	7,527 LM	Day White: 5,500 K - 6,000 K	50,000+	< 35^0 C < 95^0 F	- 40 to 45^0 C - 40 to 113^0 F	AC 277 V	50/60

Physical Specifications

PART #	REFLECTOR DIMENSIONS	LIGHTING ANGLE	LED COUNT	LENGTH/BASE	NET WEIGHT
All Part #s	20.25 in diameter	40^0	1 High Powered LED	Hanging Loop	4 kg 8.82 lbs.

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Information presented is subject to change as product enhancements are made. Contact ETS-Lindgren Sales Department for current specifications.