



Product features and benefits

- Extremely high luminance for digital cinema projection
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart

Areas of application

- Digital Cinema Projection

Product datasheet

Technical data

General Product Information

Global order reference	XBO 4000W/HPN O
Product number (Americas)	69060
Product name (Americas)	XBO 4000W/HPN 1/CS 1/SKU
General description	4000 Watt Xenon High Pressure Digital Cinema NEC Projection Lamp

Electrical Data

Nominal wattage	4000 W
Nominal voltage	34.0 V
Nominal current	120 A
Current control range	90...125 A
Type of current	DC

Photometric Data

Nominal luminous flux	190000 lm
Light center length (LCL)	144.0 mm
Light center length (LCL) - (in)	5.67 in

Physical Attributes & Dimensions

Electrode gap (cold)	5.0 mm
Base (anode)	SFaX27-9.5
Base (cathode)	SFa27-20
Diameter (in)	2.165 in
Diameter	60.0 mm
Length	345.0 mm
Length with base excl. base pins/connection	308.00 mm
Cable/wire length, input side	235 mm
Connector: presence	Yes
Product weight	687.00 g

Operating Conditions

Burning position	s15/p15 ¹⁾
Cooling	Forced
Max. permitted ambient temp. pinch point	230 °C

¹⁾ For vertical burning position: anode (+) on top

Product datasheet

Lifetime Data

Nominal lifetime	650 hr
Warranty hours	650 hrs
Service warranty lifetime	750 hr

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321336774 4052899091931 4062172030267
Date of declaration	09-07-2024
Declaration no. in SCIP database	5436255a-a46f-47df-b92e-f2c1c0ea2701
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Safety advice

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69060	4062172030267			19.7 in x 8 in x 8 in	3.3 lb

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.