



# LITElution 48" 230W 120-277V / 347V – Product Specifications

## Product Specifications

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|--|----------------------|
| <u>Model No.</u>                               | <u>Input Voltage</u> |
| LM48-X230-FH-L-50K-S3-0-P8-3.CD-2R-SL-CR-C0-54 | 120-277Vac           |
| LM48-X230-FH-H-50K-S4-0-P8-3.CD-2R-SL-CR-C0-54 | 347Vac               |
| LM48-X230-FH-H-50K-M4-0-P3-D0-2R-SL-CR-C0-54   | 347Vac               |
- Product Description : LED Luminaires 230W 48" CCT 5000K
- General Application : Indoor
- Primary Use: High-bay luminaires for commercial & Industrial buildings
- Dimensions : 123mm (H) x 1137mm (L) x 252mm (W)
- Efficacy : 108.5 LPW nominal
- Delivered Light Output : 24,880 lumens nominal
- Scaled Input Power : 230W nominal
- Input Voltage : 120-277 Vac / 347 Vac, 50/60Hz
- CRI : > 80 CRI
- CCT : 5000K
- Power Factor : > 0.9
- Total Harmonic Distortion (current) : < 20%
- Operating Temperature Range : 25°C ±40%
- Limited Warranty : 5 years
- Mounting Method : Rod, Chain, Surface Mount
- LED Chip Lifetime L70 / L90 : 85,000 / 55,000 hours typical



## Other Advantages

- Super Durable LED's at 90% & 70% brightness, LED's have an operating life of 85,000 & 55,000 hours respectively (L70 / L90 Report)
- Low Operating Temperature at 55 degree Celsius reduces energy costs of additional temperature control mechanisms and extends the products life.
- Non-hazardous, environmentally friendly

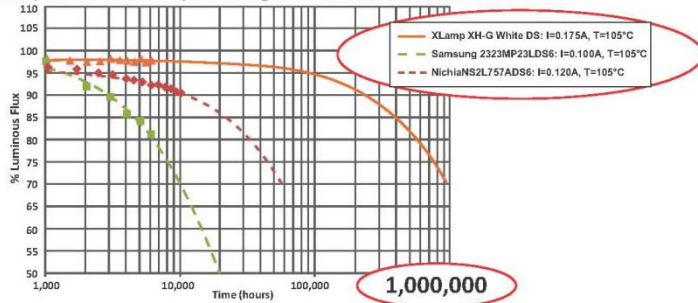


Replaces Any Of



## About CREE XLamp XH-G LED's

Xlamp XH-G Provides Superior Long-Term Performance At 105°C



Current	80 mA	
	Ta/Tsp 85°C	105°C
$\alpha$	1.185E-06	6.892E-07
$\beta$	0.9865	0.9798
Duration	14,616	14,112
Calculated L70	>263,000	>233,000
Reported L90	77,500	>77,600
Reported L80	>87,700	>77,600
Reported L70	>87,700	>77,600

Current	175 mA	
	Ta/Tsp 85°C	105°C
$\alpha$	1.631E-06	3.322E-06
$\beta$	0.9870	0.9960
Duration	14,112	14,112
Calculated L70	211,000	106,000
Reported L90	56,600	30,500
Reported L80	>84,700	66,000
Reported L70	>84,700	>84,700