



LITelution 48" 100W 110V – Product Specifications

Product Specifications

- Model No. : LM48-S100-FH-L-50K-Pa-0-P3-D3-1R-SL-CR-C0
- Product Description : LED Luminaire 48" 100W 110Vac CCT 5000K
- General Application : Indoor
- Primary Use : High-bay luminaires for commercial and Industrial buildings
- Dimensions : 61mm (H) x 1137mm (L) x 252mm (W)
- Efficacy : 108.58 LPW nominal
- Delivered Light Output : 11,050 lumens nominal
- Scaled Input Power : 100W nominal
- Input Voltage : 110 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



250W
Metal Halide



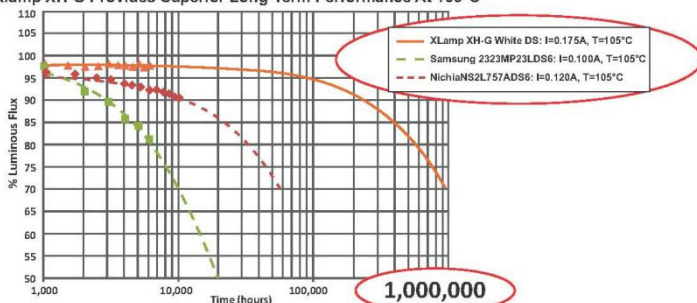
230W
48" T8 x 6 lamps



230W
96" T12 x 2 lamps

About CREE XLamp XH-G LED's

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



Current	80 mA		175 mA		
	Ta/Tsp	85°C	105°C	85°C	105°C
α	1.185E-06	6.892E-07	1.631E-06	3.322E-06	
β	0.9865	0.9798	0.9870	0.9960	
Duration	14,616	14,112	14,112	14,112	
Calculated L70	>263,000	>233,000	211,000	106,000	
Reported L90	77,500	>77,600	56,600	30,500	
Reported L80	>87,700	>77,600	>84,700	66,000	
Reported L70	>87,700	>77,600	>84,700	>84,700	